

## **6.5.3**

# **SUPPORTING DOCUMENTS**

## **6.5.3**


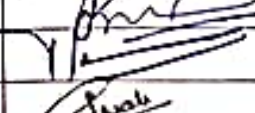

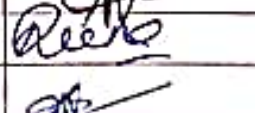
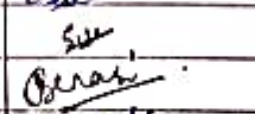
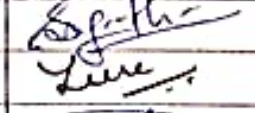

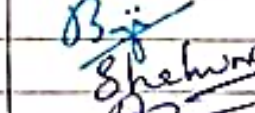
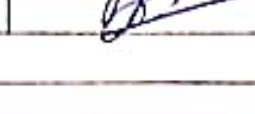
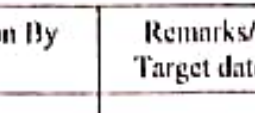
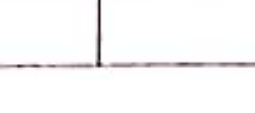

# **IQAC MEETING MINUTES**

# KMEA ENGINEERING COLLEGE

## Minutes of the meeting

<b>Subject: IQAC CORE COMMITTEE MEETING-5</b>	
<b>Date of Meeting: 11/02/2024</b>	<b>Time: 2pm</b>
<b>Venue: Board Room</b>	
<b>To: Principal</b>	
<b>CC: Coordinator &amp; Members</b>	
<b>Date of Issue: 11/02/2024</b>	
<b>Ref: COMM/IQAC/C-5/2024</b>	<b>Pages: 2</b>

### Core Committee Members Present

Sl.no	Name & Designation	Signature
1.	Dr. Amar Nishad- Principal	
2.	Dr. Rekha Lakshmanan- Vice Principal	
3.	Dr. Bijesh Paul-Coordinator	
4.	Prof Muhammed Ajmal - Co-Coordinator & Secretary	
5.	Dr. Smitha K.M -Dean Academics	
6.	Dr. Sajith T.A-Dean Research	
7.	Dr. Reena Sebastian-Dean S & S Affairs & HOD EE	
8.	Prof Veena K Vishwom-A.O	
9.	Dr. Sija Arun-HOD,CE	
10.	Dr. Benazir K.K-HOD, Cs	
11.	Dr. Sangeetha C P-HOD RA	
12.	Dr. Leera Raju-HOD, ME	
13.	Dr. Dr. Shahin Abdulla-HOD, EC	
14.	Prof Rijul-HOD, SF	
15.	Dr Biji Chinnamma Thomas-Assoe Professor, CE	
16.	Prof Shahina M.S- Asst Professor, BSH	
17.	Prof Aju Philip-Placement office-Special invitee	

Absentees with apology: Nil

Sl no	Minutes	Action By	Remarks/ Target date
	Meeting started with a word of welcome by the coordinator at 2pm		

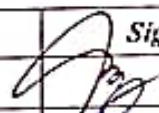

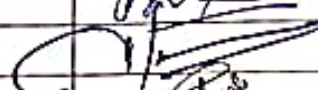

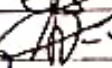
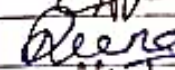
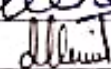
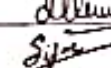
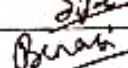



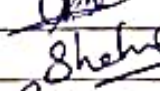
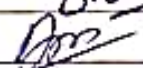
	<b>Agenda</b> 1. MOUs & Academic Collaborations as per SOP 2. Professional Bodies		
	<b>Discussion &amp; Decisions taken.</b> 1. Meeting decided to enhance MOUs with industries & International Universities, association with professional bodies with specific target to each department 2. Meeting decided to encourage faculty extension activities & interaction with outside world	Dr Sangeetha  HODs	Throughout semester
	<b>Conclusion</b> All members decided to implement the decisions as per schedule		

# KMEA ENGINEERING COLLEGE

## Minutes of the meeting

<b>Subject: IQAC CORE COMMITTEE MEETING-4</b>	
<b>Date of Meeting: 24/11/2023</b>	<b>Time: 2pm</b>
<b>Venue: Board Room</b>	
<b>To: Principal</b>	
<b>CC: Coordinator &amp; Members</b>	
<b>Date of issue: 24/11/2023</b>	
<b>Ref: COMM/IQAC/C-4/2023</b>	<b>Pages: 2</b>

### Core Committee Members Present

Sl.no	Name & Designation	Signature
1.	Dr. Amar Nishad- Principal	
2.	Dr. Rekha Lakshmanan- Vice Principal	
3.	Dr. Bijesh Paul-Coordinator	
4.	Prof Muhammed Ajmal –Co-Coordinator & Secretary	
5.	Dr. Sajith T.A-Dean Research	
6.	Dr. Reena Sebastian-Dean S & S Affairs & HOD EE	
7.	Prof Mohammed Ismail H- Asst Professor, ECE	
8.	Dr. Sija Arun-HOD,CE	
9.	Dr. Benazir K.K-HOD, Cs	
10.	Dr. <del>Dr.</del> Shahin Abdulla <del>H</del> -HOD, EC	
11.	Prof Rijul-HOD, SF	
12.	Bushra A R - Asst Professor, ECE	
13.	Prof Shahina M.S- Asst Professor, BSH	
14.	Prof Aju Philip-Placement office-Special invitee	

Absentees with apology: Nil

Sl.no	Minutes	Action By	Remarks/ Target date
	Meeting started with a word of welcome by the coordinator at 2pm		



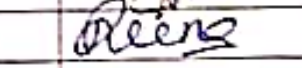
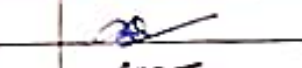
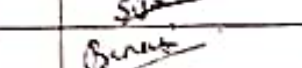


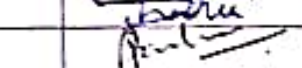
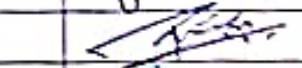

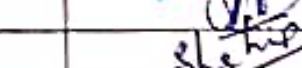
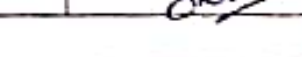


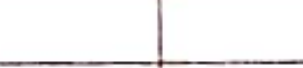

	<b>Agenda</b> <ol style="list-style-type: none"> <li>1. Action plan of Placement &amp; Higher Learning as per SOP</li> <li>2. Career guidance and placement SOP for formation of internal placement conduction cell and external bodies.</li> <li>3. SOP for placement conduction</li> </ol>		
	<b>Discussion &amp; Decisions taken.</b> <ol style="list-style-type: none"> <li>1. The Placement Co-ordinator presented the SOP for career guidance and placement</li> <li>2. Meeting discussed about the formation of internal placement conduction cell and external bodies</li> <li>3. Meeting discussed to decentralise the placement cell by forming department wise placement committee.</li> </ol>	Prof Aju Philip	Throughout semester  02/01/2024 Throughout the semester
	<b>Conclusion</b> All members decided to implement the decisions as per schedule		

# KMEA ENGINEERING COLLEGE

## Minutes of the meeting

<b>Subject: IQAC CORE COMMITTEE MEETING-3</b>	
<b>Date of Meeting: 03/11/2023</b>	<b>Time: 2pm</b>
<b>Venue: Board Room</b>	
<b>To: Principal</b>	
<b>CC: Coordinator &amp; Members</b>	
<b>Date of issue: 03/11/2023</b>	
<b>Ref: COMM IQACC-03/11/2023</b>	<b>Pages: 2</b>

### Core Committee Members Present

Sl.no	Name & Designation	Signature
1	Dr. Amar Nishad- Principal	
2	Dr. Bijesh Paul-Coordinator	
3	Prof Muhammed Ajmal -Co-Coordinator & Secretary	
4	Dr. Sajith T.A-Dean Research	
5	Dr. Reena Sebastian-Dean S & S Affairs & HOD EE	
6	Prof Veena K Vishwom-A.O	
7	Dr. Sija Arun-HOD, CE	
8	Dr. Benazir K.K-HOD, CS	
9	Dr. Sangeetha C P-HOD RA	
10	Dr. Leera Rajul-HOD, ME	
11	Dr. Dr. Shahin Abdulla-HOD, EC	
12	Dr Paulose Paulose - Assoc Professor, CE	
13	Prof Rijul-HOD, SF	
14	Dr Biji Chinnamma Thomas-Assoe Professor, CE	
15	Bushra A R - Asst Professor, ECE	
16	Prof Shahina M.S- Asst Professor, BSH	

Absentees with apology: Nil

Sl.no	Minutes	Action By	Remarks/ Target date
	Meeting started with a word of welcome by the coordinator at 2pm		
	<b>Agenda</b> 1. SOP for research and students project.		

	2. SOP for faculty research and students research		
	<p>Discussion &amp; Decisions taken.</p> <ol style="list-style-type: none"> <li>1. The Dean Research presented SOP for research and all HODs and members approved it.</li> <li>2. It is decided to prepare a plan of action for enriching research &amp; entrusted the same to the coordinator</li> <li>3. It is decided to increase the student projects and give importance to their research works</li> </ol>	Dr Sajith T A	Throughout Semester
	<p>Conclusion</p> <p>All members decided to implement the decisions as per schedule</p>		



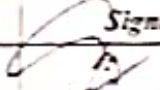

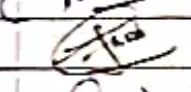
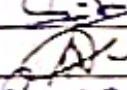
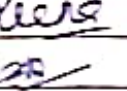
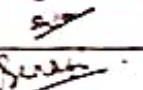
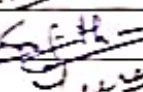


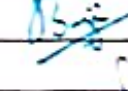
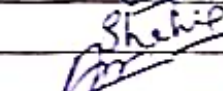
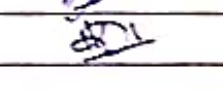
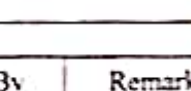
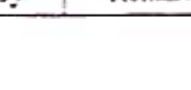







# KMEA ENGINEERING COLLEGE

## Minutes of the meeting

<b>Subject: IQAC CORE COMMITTEE MEETING-2</b>	
<b>Date of Meeting: 27/10/2023</b>	<b>Time: 2pm</b>
<b>Venue: Board Room</b>	
<b>To: Principal</b>	
<b>CC: Coordinator &amp; Members</b>	
<b>Date of issue: 27/10/2023</b>	
<b>Ref: COMM IQAC C-2/2023</b>	<b>Pages: 2</b>

### Core Committee Members Present

SLno	Name & Designation	Signature
1	Dr. Amar Nishad- Principal	
2	Dr. Rekha Lakshmanan- Vice Principal	
3	Dr. Bijesh Paul-Coordinator	
4	Prof Muhammed Ajmal -Co-Coordinator & Secretary	
5	Dr. Smitha K.M -Dean Academics	
6	Dr. Sajith T.A-Dean Research	
7	Dr. Reena Sebastian-Dean S & S Affairs & HOD EE	
8	Prof Veena K Vishwom-A.0	
9	Dr. Sija Arun-HOD.CE	
10	Dr. Benazir K.K-HOD. CS	
11	Dr. Sangeetha C P-HOD RA	
12	Dr. Leera Raju-HOD. ME	
13	Dr. Dr. Shahin Abdulla-HOD. EC	
14	Paulose Paulose - Assoc Professor. ME	
15	Prof Rijul-HOD. SF	
16	Dr B iji Chinnamma Thomas-Assoc Professor. CE	
17	Bushra A R - Asst Professor. ECE	
18	Prof Shahina M.S- Asst Professor. BSH	
19	Prof Aju Philip-Placement office-Special invitee	
20	Prof Kannan Ramesh-Physical Education Director-Special invitee	

Absentees with apology: Nil

Sl.no	Minutes	Action By	Remarks'
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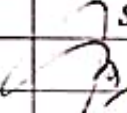


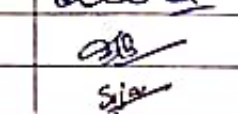
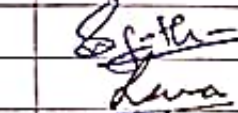

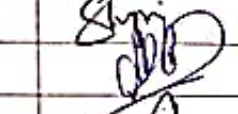
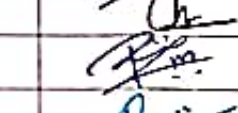
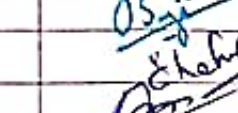

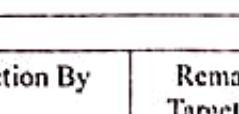
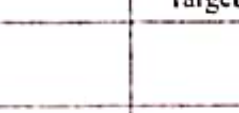
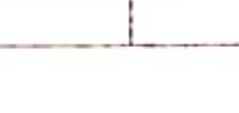

		Target date
Meeting started with a word of welcome by the coordinator at 2pm		
<b>Agenda</b> <ol style="list-style-type: none"> <li>1. SOP for academics</li> <li>2. SOP for OBE implementation</li> <li>3. SOP for Backlog reduction</li> <li>4. Preparation of time table as per SOP</li> <li>5. SOP for remedial classes</li> </ol>		
<b>Discussion &amp; Decisions taken.</b> <ol style="list-style-type: none"> <li>1. The Dean academics presented SOP for academics and all HODs and members approved it.</li> <li>2. The meeting discussed about the implementation of OBE and the calculation of attainment and remedial measures based on it.</li> <li>3. The focus shifted to discussing the identification of number backlogs of each students from every semester and discussed about the reduction of backlogs.</li> <li>4. Meeting decided to remedial classes from 4.30 -5.30</li> </ol>	Dr Smitha KM Bushra A R <i>Dr Smitha</i> Muhammed Ismail (Sabeena Salam)	Throughout Semester Throughout Semester Throughout Semester Throughout Semester
<b>Conclusion</b> All members decided to implement the decisions as per schedule		

# KMEA ENGINEERING COLLEGE

## Minutes of the meeting

<b>Subject: IQAC CORE COMMITTEE MEETING-1</b>	
<b>Date of Meeting: 20/10/2023</b>	<b>Time: 2pm</b>
<b>Venue: Board Room</b>	
<b>To: Principal</b>	
<b>CC: Coordinator &amp; Members</b>	
<b>Date of issue: 20/10/2023</b>	
<b>Ref: COMM/IQAC/C-1/2023</b>	<b>Pages: 3</b>

### Core Committee Members Present

Sl.no	Name & Designation	Signature
1.	Dr. Amar Nishad- Principal	
2.	Dr. Rekha Lakshmanan- Vice Principal	
3.	Dr. Bijesh Paul-Coordinator	
4.	Prof Muhammed Ajmal –Co-Coordinator & Secretary	
5.	Dr. Sajith T.A-Dean Research	
6.	Dr. Reena Sebastian-Dean S & S Affairs & HOD EE	
7.	Prof Veena K Vishwom-A.O	
8.	Dr. Sija Arun-HOD,CE	
9.	Dr. Sangeetha C P-HOD RA	
10.	Dr. Leera Raju-HOD, ME	
11.	Dr. <del>Dr.</del> Shahin Abdullah-HOD, EC	
12.	Dr. Poulouse Poulouse- Assoc Professor, ME	
13.	Dr Shyni Shajahan - Assoc Professor, CS	
14.	Bushra A R- Asst Professor, ECE	
15.	Fareetha A Kareem - Asst Professor, EEE	
16.	Prof Rijul-HOD, SF	
17.	Dr Biji Chinnamma Thomas-Asoc Professor, CE	
18.	Prof Shahina M.S- Asst Professor, BSH	
19.	Prof Aju Philip-Placement office-Special invitee	
20.	Prof Kannan Ramesh-Physical Education Director-Special invitee	

Absentees with apology: Nil

Sl.no	Minutes	Action By	Remarks/ Target date
	Meeting started with a word of welcome by the coordinator at 2pm		
	Agenda		

<ol style="list-style-type: none"> <li>1. SOP for Academic planning for the upcoming semester</li> <li>2. SOP for work allocation</li> <li>3. SOP for Time table preparation</li> <li>4. SOP for gap analysis</li> <li>5. SOP for Instructional Resources Preparation</li> </ol>		
<p>Discussion &amp; Decisions taken.</p> <ol style="list-style-type: none"> <li>1. The IQAC coordinator presented SOP for workload Allocation. Meeting discussed about the same and approved after necessary modification</li> <li>2. Through discussion regarding SOP for Timetable was done and the same was approved during the meeting</li> <li>3. Based on the attainment and data of the previous even semester it was decided to conduct gap analysis and to formulate necessary measures to address these gaps.</li> <li>4. SOP for instructional resources preparation was analysed and the meeting decided to implement the same</li> </ol>	Coordinator	January 2nd
<p>Conclusion All members decided to implement the decisions as per schedule</p>		

# KMEA ENGINEERING COLLEGE

## Minutes of the meeting

**Subject: IQAC CORE COMMITTEE MEETING-1**

**Date of Meeting: 13/6/2024**

**Time: 2pm**

**Venue: Board Room**

**To: Principal**

**CC: Coordinator & Members**

**Date of issue: 13/6/2024**

**Ref: COMM/IQAC/C-1/2024**

**Pages: 3**

**Core Committee Members Present**

Sl.no	Name & Designation	Signature
1.	Dr. Amar Nishad- Principal	
2.	Dr. Rekha Lakshmanan- Vice Principal	
3.	Dr. Bijesh Paul-Coordinator	
4.	Prof Muhammed Ajmal -Co-Coordinator & Secretary	
5.	Dr. Smitha K.M -Dean Academics	
6.	Dr. Sajith T.A-Dean Research	
7.	Dr. Reena Sebastian-Dean S & S Affairs & HOD EE	
8.	Prof Veena K Vishwom-A.O	
9.	Dr. Sija Arun-HOD, CE	
10.	Dr. Benazir K.K-HOD, Cs	
11.	Dr. Sangeetha C P-HOD RA	
12.	Dr. Leera Raju-HOD, ME	
13.	Dr. Dr. Shahin Abdulla-HOD, EC	
14.	Prof Rijul-HOD, SF	
15.	Dr B iji Chinnamma Thomas-Assoe Professor, CE	
16.	Prof Shahina M.S- Asst Professor, BSII	
17.	Prof Aju Philip-Placement office-Special invitee	
18.	Prof Kannn Ramesh-Physical Education Director-Special invitee	

Absentees with apology: Nil

Sl no	Minutes	Action By	Remarks/ Target date
	Meeting started with a word of welcome by the coordinator at 2pm		
	<b>Agenda</b> <ol style="list-style-type: none"> <li>1. Vision &amp; Mission</li> <li>2. Subject or Course Allotment as per SOP</li> <li>3. Work Load Preparation as per SOP</li> </ol>		

4. Preparation of time table as per SOP
5. Instructional Resources Preparation as per SOP
6. Preparation of Academic Calendar @ college level & department level based on University Calendar
7. Framing of CO, PO PSO mapping
8. Formation of Stream Coordinators & CEC as per SOP
9. Fixing Curriculum Gap & Content beyond Syllabus based on previous semester academic data
10. Devising Value added Programs, Certificate Programs, Adjunct courses & Bridge Courses As well as sending recommendations to BOS of University
11. Academic Audit
12. Department & College Budget as per SOP
13. Implementation of four SOPs related to academics
14. Formation of DAB, DAC & DQAC at department level.
15. Finalization of Department Activity Plan & College activity Plan
16. Placement & Higher Learning as per SOP
17. Innovation & Start up Eco system
18. Accreditations & NIRF Ranking
19. Research & Academic Contributions as per SOP
20. Research & Consultancy as per SOP
21. Research Guidance
22. Interaction with outside world & Faculty Extension Activities
23. MOUs & Academic Collaborations as per SOP
24. Professional Bodies
25. Journals, Magazines & Newsletters- Department & College level
26. Administration
27. Admission
28. Extension activities
29. Physical Education
30. Grievance Redressal System
31. Alumni Interactions
32. Outcome
33. Action plan of KIC, KRCC, KCEC, KSEC & KCGPU
34. Process flow

**Special Agenda**

1. Induction program-2024
2. KTU Audit & Inspection

**Discussion & Decisions taken.**

1. The meeting discussed about Vision & Mission of College.
2. The meeting discussed about collection of course preferences, course allotment, work load preparation, time table preparation, instructional resource preparation, innovative teaching methods & academic calendar preparation pertaining to academic planning as per the sops for planning.
3. The focus shifted to discussing the identification of curriculum gaps anticipated in the next academic year, highlighting the importance of industry collaboration and faculty expertise in ensuring the curriculum remains up-to-date and aligned with industry requirements

Coordinator

HODs

June

Dr. Sangeetha

June

4. The participants engaged in a productive discussion on incorporating additional content beyond the syllabus to address curriculum gaps, exploring avenues such as guest lectures, workshops, value added programs and industry driven projects to enhance students' practical exposure.	Coordinator (CEC)	June
5. The meeting decided to entrust departments & other entities to prepare department activity plan & department budget.	HODs	June
6. Meeting decided to inform KCGPU coordinator to prepare roadmap for placements & higher studies.	Prof Aju Philip	June
7. Meeting entrusted KIC coordinator to prepare action plan for enhancing innovation eco system with smart outcomes	Dr Sangeetha	June
8. It is decided to prepare a plan of action by KRCC for enriching research & entrusted the same to KRCC coordinator	Dr. Sajith	June
9. Meeting decided to encourage faculty extension activities & interaction with outside world	HODs	Throughout Semester
10. It is decided to enhance MOUs with industries & International Universities, association with professional bodies with specific target to each department	Dr. Sangeetha	Entire Semester
11. Meeting discussed about administrative policy & decided to give suggestions regarding same to college council	Prof Veena	July
12. Meeting discussed about NBA & NAAC Accreditations as well as NIRF Rankings	Coordinators	Throughout Semester
13. Meeting decided to ask Physical education department to prepare action plan for the current academic year with anticipatory outcomes.	Pof Kannan Ramesh	June
14. It is decided to prepare a road map for extension activities through KSEC.	Prof Bitu	June
15. It is also decided to strengthen alumni interaction & grievances redressal mechanism	Prof Abini & Dr Shahin	June
17. Dr Reena briefed the committee regarding the induction program for 2024.	Prof Ajmal Pof Veena	Entire Semester July
18. Dr Bijesh briefed the committee about KTU inspection to be conducted and its preparation	Dr. Reena	July
19. Prof Ajmal briefed about the process flow & its schedule	Dr. Bijesh Coordinators	June Through out semester
Conclusion All members decided to implement the decisions as per schedule		

## **6.5.3**

# **IQAC Action Taken Report**



**KMEA ENGINEERING COLLEGE**  
**IQAC**  
**ACTION TAKEN REPORT**

<i>Subject: ACTION TAKEN REPORT -01</i>	
<i>Date of issue: October 2023</i>	
<i>To: Principal</i>	
<i>CC: Members</i>	
<i>Ref: COMM/IQAC(C)/ATR-01/2023</i>	<i>Pages:1</i>

ACTION NO	DESCRIPTION OF ACTION	ACTION BY	TARGET DATE	STATUS
01.1	Implementation of SOP for work load preparation	HOD	30/12/23	Open
01.2	Implementation of SOP for Time table preparation	Coordonator	30/12/23	Open
01.3	Implementation of SOP for Instructional resources preparation	Faculty	30/12/23	Open
01.4	Conduction of Gap analysis & implementation of steps to address these gaps	DQAC Coordinator	Throughout the semester	Open

  
Coordinator



**KMEA ENGINEERING COLLEGE**  
**IQAC**  
**ACTION TAKEN REPORT**

*Subject: ACTION TAKEN REPORT -02*

*Date of issue: October 2023*

*To: Principal*

*CC: Members*

*Ref: COMM/IQAC(C)/ATR-02/2023*

*Pages:1*

ACTION NO	DESCRIPTION OF ACTION	ACTION BY	TARGET DATE	STATUS
02.1	Implementation of SOP for Academics	Dr Smitha KM	Throughout the semester	Open
02.2	Implementation of SOP for Outcome based Education	Prof Bushra A R	Throughout the semester	Open
02.3	Implementation of SOP for Back log reduction	Prof Mohammed Ismail	Throughout the semester	Open
02.4	Implementation of SOP for Remedial classes	Prof Sabeena Salam	Throughout the semester	Open

  
Coordinator



**KMEA ENGINEERING COLLEGE**  
**IQAC**  
**ACTION TAKEN REPORT**

<i>Subject: ACTION TAKEN REPORT -03</i>	
<i>Date of issue: November 2023</i>	
<i>To: Principal</i>	
<i>CC: Members</i>	
<i>Ref: COMM/IQAC(C)/ATR-03/2023</i>	<i>Pages:1</i>

<b>ACTION NO</b>	<b>DESCRIPTION OF ACTION</b>	<b>ACTION BY</b>	<b>TARGET DATE</b>	<b>STATUS</b>
03.1	Preparation of a plan of action for enriching research	Dr Sajith T A	15/11/23	Closed
03.2	Implementation of SOP for research and students project.	Dr Sajith T A	Throughout the semester	Open
03.3	Implementation of SOP for faculty research and students research	Dr Sajith T A	Throughout the semester	Open

  
Coordinator



**KMEA ENGINEERING COLLEGE**  
**IQAC**  
**ACTION TAKEN REPORT**

<i>Subject: ACTION TAKEN REPORT -04</i>	
<i>Date of issue: November 2023</i>	
<i>To: Principal</i>	
<i>CC: Members</i>	
<i>Ref: COMM/IQAC(C)/ATR-04/2023</i>	<i>Pages:1</i>

<b>ACTION NO</b>	<b>DESCRIPTION OF ACTION</b>	<b>ACTION BY</b>	<b>TARGET DATE</b>	<b>STATUS</b>
04.1	Preparation of action plan for placement	Prof Aju Philip	30/11/23	Closed
04.2	Implementation of SOP for Placement	Prof Aju Philip	Throughout the semester	Open
04.3	Implementation of SOP for training and career guidance	Prof Aju Philip	Throughout the semester	Open

  
Coordinator



**KMEA ENGINEERING COLLEGE**  
**IQAC**  
**ACTION TAKEN REPORT**

*Subject: ACTION TAKEN REPORT -05*

*Date of issue: February 2024*

*To: Principal*

*CC: Members*

*Ref: COMM/IQAC(C)/ATR-05/2024*

*Pages:1*

<b>ACTION NO</b>	<b>DESCRIPTION OF ACTION</b>	<b>ACTION BY</b>	<b>TARGET DATE</b>	<b>STATUS</b>
05.1	Implementation of SOP for Industry collaborations	Dr Sangeetha C P	Throughout the semester	Open
05.2	Implementation of SOP for Academic collaborations	Dr Paulouse Paulouse	Throughout the semester	Open

  
Coordinator



## **6.5.3**

# **Academic Audit Report (KTU 2022-23)**



**APJ Abdul Kalam Technological University**  
**CET Campus, Thiruvananthapuram**  
**Kerala -695016**  
**India**

**Academic Audit Report**  
**2022 - 2023**

**Basic Details**

Institution	<b>KMEA ENGINEERING COLLEGE</b>
First Auditor Name	<b>Binu V P</b>
Second Auditor Name	
Visit	<b>First</b>
Semester Type	<b>Even</b>

**College Specific Assessments**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Compliance to the Academic Calendar of KTU (A)	Good(4)	Yes.Following the calendar	
Functioning of students grievances and appeal committee (A)	Good(4)	have to follow the new university rules	took measures to follow the new university rules.
Functioning of Academic Discipline Welfare committee (A)	Good(4)	have to follow the new university rules	took measures to follow the new university rules.
Average student to faculty ratio (A)	Excellent(5)	1.16	
Faculty Retention (A)	Poor(2)	0.66	In 21-22 ,%of faculty retained is 88.39.In 22-23, it is 65.96. Hence average retention % is 77.77
Faculty Qualification Index (A)	Good(4)	6.84	
Number of qualified technical staff (A)	Fair(3)	23	

Facility of central library with respect to volume and title of books, online print journals (A)	Good(4)	28600 volume 5533 titles 81 journals online/print	
Functioning of IQAC and Progress of IQAC report uploading (A)	Good(4)	IQAC is functioning well. SAR uploaded waiting for NBA visit in five departments	
Institution Budget (A)	Good(4)	7.8 crore	
Details of central computing facility (A)	Good(4)	135 systems	
Principals response on previous audit reports (A)	Good(4)	good	

### Student Interaction



Key Aspects	Rating	Auditor Remarks	Principal's Response
Syllabus coverage (B)	Good(4)	students are happy with the teaching learning process.	
Lab Facility and conduct of Labs (B)	Excellent(5)	lab infrastructure facilities are good.	
Co-curricular facility (B)	Good(4)	participation of events outside the campus must be promoted	will take measure to promote outside campus events
Extra-curricular facility (B)	Good(4)	sports and games are going well including the university representation. Socially relevant activities can also be taken up.	
Transferring all intimation from University in time (B)	Fair(3)	needs to improve the college level mechanism to communicate the university information to students.	All informations are read in classrooms to parents and students group
Approach of the management in addressing student grievance (B)	Fair(3)	have to comply with the new rules imposed soon from the next academic year.	
Availability of Faculty for all subjects (A)	Good(4)	all subjects are taught properly	
Any other remarks (C)	Good(4)	students put forward a concern regarding the hostel timings.	
Extra fees/fine imposed on students (B)	Good(4)	no	

### B.Tech

No of B.Tech Students	785
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### ELECTRICAL AND ELECTRONICS ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Fair(3)	proof collection to be completed	Placement details are updated properly

Class/course committee meetings and action taken report (B)	Good(4)	shown	
Advisory meetings and action taken report (B)	Good(4)	shown	
Syllabus coverage as per course plan (B)	Good(4)	Verified the details	
Conduct of Tutorial Classes (B)	Good(4)	verified	
Evaluation of Answer Scripts (A):	Good(4)	Marks entered	
Conduct of practical courses (B)	Good(4)	verified	
Evaluation of students performance in practical classes (A):	Good(4)	verified	
Facility to do experiments in the lab (A)	Good(4)	available	
Conduct of remedial/minor/honours classes (B)	Good(4)	records verified	
Maintenance of course diary (A)	Good(4)	verified	
Assessment of Outcomes (A)	Good(4)	shown	
Faculty evaluation amp remarks of the HoD (A)	Good(4)	done	
Conduct of Seminar, Project and Thesis (A)	Good(4)	verified	
Computing facility in the department (A)	Good(4)	available	
Facility for co-curricular and extracurricular activities (B)	Fair(3)	more programs may be planned	will take measures to conduct more programs
Students attending MOOC or other online courses (B)	Fair(3)	to improve	The matter is being taken seriously for improvement
Maintenance of A1, A2 and A3 files.	Good(4)	OK	

Maintenance of B files.	Fair(3)	documentation to be improved	Documentation is carried out properly
Maintenance of C and D files.	Fair(3)	more documentation expected	will improve documentation

### **CIVIL ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Placement Status	Fair(3)	Internship opportunities and students participation in various competitions/hackathons. Plan Soft Skill /Technical/coding skill development programs.	Students are encouraged to do internship and to participate in various competitions. Introduced skill development programmes
Class/course committee meetings and action taken report (B)	Good(4)	List out the action plan and person responsible.Action taken report must be prepared on this.	List of action plan and action taken report added in the register
Advisory meetings and action taken report (B)	Good(4)	List out action plan and action taken	Action taken report added in the register
Syllabus coverage as per course plan (B)	Good(4)	syllabus covered in time	
Conduct of Tutorial Classes (B)	Good(4)	utorial plan must be prepared covering questions from previous year question papers and also GATE questions.	Tutorial classes were conducted by answering the previous year university question papers
Evaluation of Answer Scripts (A):	Good(4)	answer key must be prepared and communicate the same to students also.	answer key prepared and circulated
Conduct of practical courses (B)	Good(4)	over the all the major experiments mentioned in syllabus. Daily evaluation must be done.	All the experiments mentioned in the syllabus are conducted in lab
Evaluation of students performance in practical classes (A):	Good(4)	encourage daily evaluation and report writing in each lab.	observation record are being corrected on the same day itself.
Facility to do experiments in the lab (A)	Excellent(5)	good	

Conduct of remedial/minor/honours classes (B)	Good(4)	Seminar Details can be published in college notice board and various forums	Encouraged more students to do minor and honour courses.
Maintenance of course diary (A)	Excellent(5)	software is good. Some changes are suggested.	
Assessment of Outcomes (A)	Excellent(5)	good	
Faculty evaluation amp remarks of the HoD (A)	Good(4)	5 point evaluation is done	
Conduct of Seminar, Project and Thesis (A)	Good(4)	good	
Computing facility in the department (A)	Good(4)	good	
Facility for co-curricular and extracurricular activities (B)	Good(4)	ncourage students to participate in national level competitions. Encourage internship and Entrepreneurship	Encouraging students to participate in competitions, internship and entrepreneurship.
Students attending MOOC or other online courses (B)	Good(4)	encourage students to take MOOC for minor/honors. Faculty mentors can also suggest online courses based on students interest.	Mentors suggested some MOOC courses to students and some of them completed the course
Maintenance of A1, A2 and A3 files.	Excellent(5)	well maintained	
Maintenance of B files.	Good(4)	good	
Maintenance of C and D files.	Excellent(5)	well maintained	

### **MECHANICAL ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Placement Status	Fair(3)	needs improvement. students must be given orientation	steps taken to provide more placement orientations for students skill development
Class/course committee meetings and action taken report (B)	Good(4)	good	Action taken entered in the register

Advisory meetings and action taken report (B)	Good(4)	well maintained	
Syllabus coverage as per course plan (B)	Excellent(5)	done	
Conduct of Tutorial Classes (B)	Good(4)	concentrate on previous year question papers and GATE questions	Remedial classes were conducted focusing on the previous questionpaper
Evaluation of Answer Scripts (A):	Good(4)	answr key must be published	Answer key prepared and published
Conduct of practical courses (B)	Excellent(5)	doing well	
Evaluation of students performance in practical classes (A):	Good(4)	daily evaluation must be done	Doing daily evaluation
Facility to do experiments in the lab (A)	Excellent(5)	excellent facilities	
Conduct of remedial/minor/honours classes (B)	Good(4)	encourage more students	Measures are taken to encourage more students to do honour and minor courses
Maintenance of course diary (A)	Excellent(5)	well maintained	
Assessment of Outcomes (A)	Excellent(5)	done using the software	
Faculty evaluation amp remarks of the HoD (A)	Good(4)	action plan for improvement must be formulated	Prepared and documented.
Conduct of Seminar, Project and Thesis (A)	Good(4)	details must be made available to all	Seminar and project presentation schedule published in the department and is already forwarded to students.
Computing facility in the department (A)	Good(4)	additional skills training program can be planned	additional training session planned
Facility for co-curricular and extracurricular activities (B)	Good(4)	state and national level must be encouraged	Improving the quality of final year projects so that the students can participate in competitions

Students attending MOOC or other online courses (B)	Good(4)	encourage minor/honors students to take MOOC course. direction in the regard can be given from first year.	Students are being encouraged to do MOOC courses
Maintenance of A1, A2 and A3 files.	Excellent(5)	well maintained	
Maintenance of B files.	Excellent(5)	well maintained	
Maintenance of C and D files.	Excellent(5)	well maintained	

### **ELECTRONICS & COMMUNICATION ENGG-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Placement Status	Good(4)	Records verified but still to collect the data	Collected all the relevant data
Class/course committee meetings and action taken report (B)	Excellent(5)	verified	
Advisory meetings and action taken report (B)	Excellent(5)	verified	
Syllabus coverage as per course plan (B)	Excellent(5)	verified	
Conduct of Tutorial Classes (B)	Good(4)	good	
Evaluation of Answer Scripts (A):	Excellent(5)	available	
Conduct of practical courses (B)	Excellent(5)	available	
Evaluation of students performance in practical classes (A):	Excellent(5)	verified	
Facility to do experiments in the lab (A)	Excellent(5)	Available	
Conduct of remedial/minor/honours classes (B)	Good(4)	verified & more students to do honours and minor	Measures taken to encourage more students to do honour and minor courses.

Maintenance of course diary (A)	Good(4)	OK	
Assessment of Outcomes (A)	Good(4)	OK	
Faculty evaluation amp remarks of the HoD (A)	Good(4)	verified	
Conduct of Seminar, Project and Thesis (A)	Good(4)	verified	
Computing facility in the department (A)	Good(4)	available	
Facility for co-curricular and extracurricular activities (B)	Good(4)	Still to improve	Encouraged students to participate in co curricular and extra curricular activities.
Students attending MOOC or other online courses (B)	Good(4)	OK	
Maintenance of A1, A2 and A3 files.	Good(4)	Ojk	
Maintenance of B files.	Good(4)	Ok	
Maintenance of C and D files.	Good(4)	Ok	

#### **COMPUTER SCIENCE & ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Placement Status	Fair(3)	Internship opportunities and students participation in various competitions/hackathons. Plan Soft Skill /Technical/coding skill development programs.	More than 80% of our final year students are fit to be placed in reputed industries. Measures are being taken to invite renowned firms to conduct placement drives
Class/course committee meetings and action taken report (B)	Good(4)	List out the action plan and person responsible.Action taken report must be prepared on this.	
Advisory meetings and action taken report (B)	Good(4)	List out action plan and action taken	

Syllabus coverage as per course plan (B)	Excellent(5)	syllabus covered in time	
Conduct of Tutorial Classes (B)	Good(4)	Tutorial plan must be prepared covering questions from previous year question papers and also GATE questions.	
Evaluation of Answer Scripts (A):	Good(4)	answer key must be prepared and communicate the same to students also.	This scheme is followed by the college. Measures are taken for preparing answer key.
Conduct of practical courses (B)	Good(4)	cover the all the major experiments mentioned in syllabus.	All experiments are covered
Evaluation of students performance in practical classes (A):	Good(4)	encourage daily evaluation and report writing in each lab.	Continuation evaluation is already followed in the college
Facility to do experiments in the lab (A)	Excellent(5)	good	
Conduct of remedial/minor/honours classes (B)	Good(4)	encourage more number of students for honors and minor course	
Maintenance of course diary (A)	Excellent(5)	software is good. Some changes are suggested.	
Assessment of Outcomes (A)	Good(4)	good	
Faculty evaluation amp remarks of the HoD (A)	Good(4)	good	
Conduct of Seminar, Project and Thesis (A)	Good(4)	Seminar Details can be published in college notice board and various forums	
Computing facility in the department (A)	Excellent(5)	good	
Facility for co-curricular and extracurricular activities (B)	Good(4)	encourage students to participate in national level competitions. Encourage internship and Entrepreneurship	Will promote students to participate



Students attending MOOC or other online courses (B)	Good(4)	encourage students to take MOOC for minor/honors. Faculty mentors can also suggest online courses based on students interest.	
Maintenance of A1, A2 and A3 files.	Excellent(5)	well maintained	
Maintenance of B files.	Excellent(5)	well maintained	
Maintenance of C and D files.	Excellent(5)	well maintained	

### **ELECTRONICS & INSTRUMENTATION ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Placement Status	Fair(3)	Records to be properly maintained	Placement details are updated properly
Class/course committee meetings and action taken report (B)	Fair(3)	Action taken report to be entered	The report has already been entered on time.
Advisory meetings and action taken report (B)	Fair(3)	Action taken report to be entered	
Syllabus coverage as per course plan (B)	Good(4)	shown	
Conduct of Tutorial Classes (B)	Fair(3)	not recorded	Records are available and maintained properly
Evaluation of Answer Scripts (A):	Good(4)	marks entered	
Conduct of practical courses (B)	Good(4)	Verified records of students	
Evaluation of students performance in practical classes (A):	Good(4)	verified	
Facility to do experiments in the lab (A)	Good(4)	available	
Conduct of remedial/minor/honours classes (B)	Fair(3)	Remedial registers were not completed	Remedial registers are completed
Maintenance of course diary (A)	Fair(3)	To be improved	Suggestions will be followed

Assessment of Outcomes (A)	Fair(3)	To be improved	Will be improved
Faculty evaluation amp remarks of the HoD (A)	Good(4)	done	
Conduct of Seminar, Project and Thesis (A)	Good(4)	verified	
Computing facility in the department (A)	Good(4)	available	
Facility for co-curricular and extracurricular activities (B)	Fair(3)	yet to improve	Will be improved
Students attending MOOC or other online courses (B)	Good(4)	more students to be encouraged in miminor&honours	
Maintenance of A1, A2 and A3 files.	Fair(3)	Yet to improve	Will be improved
Maintenance of B files.	Fair(3)	Yet to improve	Will be improved
Maintenance of C and D files.	Fair(3)	Yet to improve	Will be improved

### M.Tech

<b>No of M.Tech Students</b>	17
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### **ELECTRICAL AND ELECTRONICS ENGINEERING(POWER ELECTRONICS)-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Placement Status	Good(4)	needs improvement	Being improved
Class/course committee meetings and action taken report (B)	Good(4)	good	
Syllabus coverage as per course plan (B)	Good(4)	done	
Evaluation of Answer Scripts (A):	Good(4)	done	
Maintenance of course diary (A)	Good(4)	well maintained	
Faculty evaluation amp remarks of the HoD (A)	Good(4)	done	

Facility in the department library for references (C)	Fair(3)	needs improvement	Library books for M.Tech being purchased
Conduct of Seminar, Project and Thesis (A)	Good(4)	good	
Faculty with Ph.D for the program (A)	Fair(3)	needs improvement	PhD in Power electronics to be appointed
Computing facility in the department (A)	Good(4)	advanced computing facility is required	
Facility for co-curricular and extracurricular activities (B)	Good(4)	good	
Students attending MOOC or other online courses (B)	Good(4)	additional certification courses can be planned	

### **COMPUTER SCIENCE AND ENGINEERING(COMPUTER SCIENCE AND ENGINEERING)-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Placement Status	Good(4)	on campus placement and internship opportunities must be improved	Conducted placement training. Will take measure to improve more opportunities
Class/course committee meetings and action taken report (B)	Good(4)	done	
Syllabus coverage as per course plan (B)	Good(4)	done	
Evaluation of Answer Scripts (A):	Good(4)	done	
Maintenance of course diary (A)	Excellent(5)	software is used. well maintained	
Faculty evaluation amp remarks of the HoD (A)	Good(4)	good	
Facility in the department library for references (C)	Good(4)	needs improvement	
Conduct of Seminar, Project and Thesis (A)	Good(4)	good	
Faculty with Ph.D for the program (A)	Good(4)	needs improvement considering the new programs in the department	appointed faulty with phd qualification

Computing facility in the department (A)	Good(4)	advanced computing facility must be added	
Facility for co-curricular and extracurricular activities (B)	Good(4)	good	
Students attending MOOC or other online courses (B)	Good(4)	encourage certification courses	

#### **ELECTRONICS AND COMMUNICATION ENGINEERING(COMMUNICATION ENGINEERING)-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Placement Status	Good(4)	on campus placement and internship opportunities must be improved	Placement training session held. Improved placement and internship status
Class/course committee meetings and action taken report (B)	Good(4)	done	
Syllabus coverage as per course plan (B)	Good(4)	done	
Evaluation of Answer Scripts (A):	Good(4)	done	
Maintenance of course diary (A)	Excellent(5)	well maintained	
Faculty evaluation amp remarks of the HoD (A)	Good(4)	done	
Facility in the department library for references (C)	Good(4)	needs improvement	Measures are being taken to purchase more journals and improve the library facility
Conduct of Seminar, Project and Thesis (A)	Good(4)	good	
Faculty with Ph.D for the program (A)	Good(4)	needs improvement	Faculty with PhD - 2, Faculty pursuing Ph D - 5
Computing facility in the department (A)	Good(4)	advanced computing facilities can be added	New systems purchased in research systems lab
Facility for co-curricular and extracurricular activities (B)	Good(4)	good	
Students attending MOOC or other online courses (B)	Good(4)	encourage skill based courses	Majority of students joined for NPTEL courses

**CIVIL ENGINEERING(COMPUTER AIDED STRUCTURAL ENGINEERING)-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Placement Status	Fair(3)	needs improvement	Conducted placement training. Improved placement.
Class/course committee meetings and action taken report (B)	Good(4)	maintained well	
Syllabus coverage as per course plan (B)	Good(4)	done	
Evaluation of Answer Scripts (A):	Good(4)	done	
Maintenance of course diary (A)	Good(4)	software is used	
Faculty evaluation amp remarks of the HoD (A)	Good(4)	good	
Facility in the department library for references (C)	Fair(3)	needs improvement	More books added in the library
Conduct of Seminar, Project and Thesis (A)	Good(4)	good	
Faculty with Ph.D for the program (A)	Good(4)	needs improvement	Recruitment of PhD holders in progress. 3 faculty pursuing PhD
Computing facility in the department (A)	Good(4)	advanced computing facilities can be provided	New software purchase in progress
Facility for co-curricular and extracurricular activities (B)	Good(4)	good	
Students attending MOOC or other online courses (B)	Good(4)	encourage certification courses	All the students enrolled for MOOC courses

## **6.5.3**

**Conference, workshop, seminar &  
FDP Reports**



C.H. MOHAMMED KOYA

**KMEA ENGINEERING COLLEGE**

APPROVED BY AICTE

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## **EVENT :ACCELERATORS AND INCUBATION**

### **Event Details**

<b>Date</b>	<b>Time</b>	<b>Mode</b>
17/08/2024	11:00 AM	online

## Faculty in charge

Name	Designation
Dr Sangeetha C P	IIC coordinator

### Objectives :

This session ensures a comprehensive understanding of incubation and accelerator programs, their benefits, and how startups can maximize their participation.

### Report of the event:

A session on 'Accelerators and Incubation' was conducted on 17th August 2024 at 11 am. The students who registered for the event were added to a group to know the session details. The session started with an introduction about the resource person Mr Akhil Madav by Karthik N Nair, Student S3 RA. The session was taken by Akhil Madhav , Program Manager, Start2group, German Accelerator. He prepared slides for better knowledge of incubation and the session was quite interactive. The session includes details like what is incubation and accelerator, when to approach incubation, how to approach



accelerator programme etc. The session lasts two hours and ended with vote of thanks by Karthik N Nair. The session was much successful. Number of participants were 40 from various departments.



C.H.MOHAMMED KOYA  
**KMEA ENGINEERING COLLEGE**  
Approved by AICTE    Affiliated to APJ Abdul Kalam Technological University  
EDATHALA PO, COCHIN, KERALA, INDIA 683561



# DEPARTMENT OF ROBOTICS & AUTOMATION

*organises*

## Session on *Accelerators and Incubation*



*led by*

### **ARKHIL MADAV**

(Program Manager - Start2group  
German accelerator)



<https://meet.google.com/nxi-wvox-tyh>



11:00 A. M, 17<sup>th</sup> August 2024



On subject - saad@bham... Search - saad - Google Drive... Chat/Call Details - Google Drive... Meet - saad@bham... You are signed in as saad

meet.google.com/.../.../...

11:05 AM | rd-wvoo-tbh

Be a studentpreneur

# INCUBATORS x ACCELERATORS

KMEX COLLEGE OF ENGINEERING

11:05 AM | rd-wvoo-tbh

11:05 AM | rd-wvoo-tbh

On subject - saad@bham... Search - saad - Google Drive... Chat/Call Details - Google Drive... Meet - saad@bham... You are signed in as saad

meet.google.com/.../.../...

11:11 AM | rd-wvoo-tbh

HOW TO GENERATE A STARTUP IDEAS

Identify Problems or Pain Points

- Observe everyday challenges people face.
- Consider problems you've personally encountered.
- Look for inefficiencies in solving processes.
- Focus on areas where you have expertise or a strong interest.
- Participate in hackathons or startup events to generate ideas.

11:11 AM | rd-wvoo-tbh

11:11 AM | rd-wvoo-tbh

Meeting URL: meet.google.com/...  
 11:29 AM | no-voice-1vh

## INCUBATION CENTERS IN KERALA

- Kerala Startup Mission (KSJM)  
Focus: General Technology, Social Impact
- Maker Village  
Focus: Hardware, IoT, Electronics, Robotics
- BioQuest (Rajiv Gandhi Centre for Biotechnology)  
Focus: Biotechnology, Life Sciences
- Kerala Institute for Entrepreneurship Development (KIED)  
Focus: General Entrepreneurship, Skill up
- NASSCOM 10,000 Startups Warehouse (Kochi)  
Focus: Information Technology, Digital Startup
- IM Kozhikode, IIT  
Focus: Business, Management, Technology
- Startup Valley, Amal Jyothi College of Engineering  
Focus: Technology, Engineering, Product Development
- Amrita TBI (Technology Business Incubator)  
Focus: Technology, Social Innovation, Healthcare
- FabLab Kerala  
Focus: Digital Fabrication, Product Design, Innovation

11:29 AM | no-voice-1vh

Meeting URL: meet.google.com/...  
 11:35 AM | no-voice-1vh

## STARTUP SUCCESS STORIES

<b>OLA</b> Program: Incubated at IIT Bombay's business incubator	<b>unacademy</b> Program: Incubated at IIT Bombay's business incubator
<b>meesho</b> Program: Part of Y Combinator's Summer 2016 batch	<b>Urban Company</b> Program: Incubated at IIT Bombay's business incubator
<b>zomato</b> Program: Supported by IITs Edge incubation program	<b>airbnb</b> Program: Part of Y Combinator's program
<b>SWIGGY</b> Program: Incubated by Accel Partners	

11:35 AM | no-voice-1vh



**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	CIVIL ENGINEERING
<b>Name of the Head of the Department</b>	Dr. Sija Arun

**Type of Activity:**

**Seminar**

**Title of Activity :**

Workshop on “3D PRINTING WORKSHOP”

**Objective :**

The aim of the workshop is to give awareness among the students, about the concept of 3D Printing Technology.

**Level of activity ( College/Regional / National / International ) and target audience**

College Level S6 Students

**Expected outcome - academic / social / commercial**

Add rows as required

•
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Add rows as required

**Programme details**

Date	Time	Activity	Venue	Infrastructural requirements and availability
1/04/24	1.15 pm	Workshop	Seminar Hall, Auditorium block, KMEA Engineering College	Projector , Screen , sound system

**Resource Person Details :**

Name	Designation	Organization	Area of Expertise
Mr.Sunil Paul	Visiting Faculty	KMEA Engineering College	R

Add rows as required

**Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.**

Name	Address	Website	Contact person , designation, email	Roles in collaborating/participating	Financial commitment# in
Mr.Sunil Paul	Visiting Faculty, KMEA Engineering College		Mr.Sunil Paul, Visiting Faculty, KMEA Engineering College		NIL

<b>Budget Estimates</b>		
-------------------------	--	--

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil			
Stationery, printing,				
Travel, Stay and DA				
Other(please write each heading in each row				
<b>Total</b>				Nil

### Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Ms. Husaiba N M/Mr.Muhammed Ajmal	Mr.Amal J
Exact designation	Assistant Professor	Assistant Professor
Department	Civil Engineering	Civil Engineering
Cell number	9846866675/8089899776	9074545442
Email	hnm.ce@kmeacollege.ac.in/ maj.ce@kmeacollege.ac.in	amj.ce@kmeacollege.a c.in
Signature		

### Report of the Event: (Minimum 500 Words)

The session started at 1.30P.M. with a welcome speech by Asst. Prof. Muhammed Ajmal. The seminar began with an introduction to 3D printing technology, explaining the concept of additive manufacturing, types of 3D printers, and materials used in the process. Attendees were briefed on the diverse applications of 3D printing. They learned how to translate their ideas into digital models suitable for 3D printing. live demonstration of the 3D printing process was conducted, showcasing the various stages involved from loading the design file to the final printing of the object. Different printing techniques and settings were explained. The seminar concluded with a discussion on the future trends and challenges in 3D printing technology. Topics included advancements in materials, scalability, regulatory issues. The vote of thanks was delivered by Asst. Prof. Amal J.

**\*NB: Attached the following documents:**

- 1. Registration Form - NA**
- 2. Poster-attached**
- 3. Screen shots of the event covering resource person and participants-NA**
- 4. Certificate - NIL**
- 5. Feedback Form**

**HOD**

**PRINCIPAL**













**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	CIVIL ENGINEERING
<b>Name of the Head of the Department</b>	Dr. Sija Arun

**Type of Activity:**

<b>Seminar</b>
----------------

**Title of Activity :**

Seminar on "BIM & CONSTRUCTION MANAGEMENT"
--

**Objective :**

The aim of the seminar is to give awareness among the students, about Building Information Modelling & Construction Management.
---

**Level of activity ( College/Regional / National / International ) and target audience**

College Level S8 Students
---------------------------

**Expected outcome - academic / social / commercial**

Add rows as required

<ul style="list-style-type: none"> <li>•</li> </ul>
---

Add rows as required

**Programme details**

Date	Time	Activity	Venue	Infrastructural requirements and availability
225/03/24	10.00 am	Seminar	KMEA Engineering College, Auditorium	Projector , Screen , sound system

**Resource Person Details :**

Name	Designation	Organization	Area of Expertise
Mr.Sijo Joseph	Director, CAD Campus India Private Ltd.	CAD Campus India Private Ltd.	

Add rows as required

**Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.**

Name	Address	Website	Contact person , designation, email	Roles in collaborating/participating	Financial commitment# in
Mr.Sijo Joseph	CAD Campus India Private Ltd.		Mr.Sijo Joseph, Director		NIL

<b>Budget Estimates</b>		
-------------------------	--	--

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil			
Stationery, printing,				
Travel, Stay and DA				
Other(please write each heading in each row				
<b>Total</b>				Nil

### Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Ms. Husaiba N M	Mr.Muhammed Ajmal
Exact designation	Assistant Professor	Assistant Professor
Department	Civil Engineering	Civil Engineering
Cell number	9846866675	8089899776
Email	hnm.ce@kmeacollege.ac.in	maj.ce@kmeacollege.a c.in
Signature		

### Report of the Event: (Minimum 500 Words)

The session was really inspiring and gave information on how an intelligent model-based process helps the professionals to plan, design, construct and manage buildings and infrastructure efficiently. The concept of BIM from Conceptual planning to final documentation stage and also the concept of digital twin was clearly explained. The session was really interactive. The faculties and final year students of Department of Civil Engineering also attended the session.

**\*NB: Attached the following documents:**

1. Registration Form - NA
2. Poster-attached
3. Screen shots of the event covering resource person and participants-NA
4. Certificate - NIL
5. Feedback Form

HOD

PRINCIPAL









**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	CIVIL ENGINEERING
<b>Name of the Head of the Department</b>	Dr. Sija Arun

**Type of Activity:**

<b>Seminar</b>
----------------

**Title of Activity :**

Expert Talk on “Evolution of water governance and pathway to sustainable development
--

**Objective :**

The aim of the seminar is to give awareness among the students, the importance of water governance and the equitable access of water to all sections of the society. World Water Day serves as a crucial reminder of the importance of water in sustaining life on our planet.
--

**Level of activity ( College/Regional / National / International ) and target audience**

College Level, S2,S4,S6,S8 Students
-------------------------------------

**Expected outcome - academic / social / commercial**

Add rows as required

- Inspired students to leverage water for peace
- Understand the evolution of water governance and its importance to sustain life in our planet.

Add rows as required

### Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
22/03/24	10.00 am	Seminar	KMEA Engineering College, Auditorium	Projector , Screen , sound system

### Resource Person Details :

Name	Designation	Organization	Area of Expertise
Dr.Rameesha T V	Junior Scientist	Water Transport and GIS division, NATPAC	Offshore Structures

Add rows as required

### Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Roles in collaborating/participating	Financial commitment# in
NATPAC	Junior Scientist/ Water Transport and GIS division, NATPAC		Dr.RAMEESHA T V, rameesha.natpac@gmail.com	Consultancy	NIL

<b>Budget Estimates</b>		
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Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	2000			
Stationery, printing,				
Travel, Stay and DA				
Other(please write each heading in each row				
<b>Total</b>				2000

**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Ms. Husaiba N M	Mr.Muhammed Ajmal
Exact designation	Assistant Professor	Assistant Professor
Department	Civil Engineering	Civil Engineering
Cell number	9846866675	
Email	hnm.ce@kmeacollege.ac.in	maj.ce@kmeacollege.a c.in
Signature		

**Report of the Event: (Minimum 500 Words)**

On March 22nd, 2024, a pivotal seminar titled "Evolution of Water Governance and Pathway to its Sustainable Development" convened at Conference Hall, marking World Water Day with a profound exploration of one of humanity's most pressing challenges. The seminar commenced with an opening address by Dr.Rameesha T.V, Junior Scientist/Water Transport

and GIS division, NATPAC, who emphasized the critical importance of reimagining water governance in the face of escalating water crises.

**\*NB: Attached the following documents:**

- 1. Registration Form - NA**
- 2. Poster-attached**
- 3. Screen shots of the event covering resource person and participants-NA**
- 4. Certificate - NIL**
- 5. Feedback Form**

**HOD**

**PRINCIPAL**

**KMEA** C.H. MOHAMMED EDVA  
KMEA ENGINEERING COLLEGE  
APPROVED BY AICTE APPLICATED TO KJE

**NBA**

ASSOCIATION OF CIVIL ENGINEERING STUDENTS  
organizes an expert talk on

**"EVOLUTION OF WATER GOVERNANCE AND PATHWAY TO SUSTAINABLE DEVELOPMENT"**

DR. RAMEESHA TV  
JUNIOR SCIENTIST  
WATER TRANSPORT AND GIS DIVISION  
NATPAC

IN CONNECTION WITH  
**WORLD WATER DAY**

**22 MARCH 2024, 10AM**  
**VENUE: KMEA ENGINEERING COLLEGE, AUDITORIUM**  
DEPARTMENT OF CIVIL ENGINEERING

NAAC 5 A ACCREDITED  
64  
MURUKUTY  
National Disaster Management Corporation









**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	CIVIL ENGINEERING
<b>Name of the Head of the Department</b>	Dr. SIJA ARUN

**Type of Activity:**

**SEMINAR**

---

**Title of Activity :**

**"Workshop on 3D modelling using Sketchup"**

---

**Objective :**

Add rows as required

To provide participants with a fundamental understanding of how to create a 3D model of a building with Sketchup a popular and user-friendly 3D modeling software.

---

Add rows as required



## Level of activity ( College/Regional / National / International ) and target audience

College Level, S3 Civil Students and staff

Add rows as required

### Expected outcome - academic / social / commercial

- Participants should gain a basic level of proficiency in navigating the SketchUp interface and using essential tools for creating and manipulating 3D models.
- Participants should develop a clear understanding of fundamental 3D modeling concepts, including geometry, surfaces, and spatial relationships.

Add rows as required

### Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
05/12/2023	3.00 pm to 4.00 pm	Seminar	Smart Classroom, Auditorium Block	Facilities available in CE Smart Classroom

Add rows as required

### Resource Person Details :

Name	Designation	Organization	Area of Expertise
Fida Fathima P J	Alumni ( 2019-23 batch)	Gambia Constructions, Thrikkakkara	Building Design

Add rows as required

### Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Roles in collaborating/participating	Financial commitment <sup>#</sup> in Rs.
Total Rs.					-----

<sup>#</sup>Mention role of Industry/organisation.

Add rows as required..

<sup>#</sup>Attach copy of letters received from participating industry showing intent / financial commitment etc.

## Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers			--	
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>				<b>NIL</b>

Add rows as required.  
Max assistance 3 Lakhs

## Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Fathima S Thaikudiyil	
Exact designation	Assistant Professor	
Department	Civil Engineering	
Cell number	9846270831	
Email	fts.ce@kmeacollege.ac.in	
Signature		

**Report of the Event: (Minimum 500 Words)**

The seminar started at 3.00pm on 5th December 2023 at CE smart classroom. After the welcome speech by Mrs. Fathima S Thaikudiyil, Assistant Professor, CE Department, our Alumni Fida Fathima P J started the session with a discussion on the importance of 3D modelling in the industry. She provided clear explanations, ensuring that participants, regardless of their prior experience, were able to follow along. She explains how SketchUp can be used in architecture, interior design, urban planning, and other related fields. She also Teach participants efficient workflows for creating, modifying, and organizing 3D models in SketchUp. She introduce participants to rendering techniques and tools within SketchUp to enhance the visual quality of their models.

The seminar ended at 4.00PM after the question answer session with a vote of thanks by the coordinator .

**\*NB: Attach the following documents:**

1. **Registration Form - Sample**
2. **List of participants(attendance sheet with Signature)**
3. **2 Event photo (Covering Resource Person& Screen, Audience) with Date**
4. **Poster/ Brochure**
5. **Certificate - Sample**
6. **Feedback Form - Sample**
7. **Collected feedback ( Should keep it in Department and produce whenever instructed)**
8. **2 Minutes Video (Should keep it in Department and produce whenever instructed)**

**HOD**

**PRINCIPAL**



C H Mohammed Koya  
**K M E A Engineering College**  
 A NAAC Accredited Institution  
 (Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University)



DEPARTMENT OF CIVIL ENGINEERING

# WORKSHOP ON 3D MODELLING USING SKETCHUP

DECEMBER 05 , 2023  
 TUESDAY 3:00 PM - 4:00PM  
 VENUE : SMART CLASSROOM  
 (Auditorium Block)



**FIDA FATHIMA P.J**

ALUMNI (2018 - 23)







C.H. MOHAMMED KOYA

**KMEA ENGINEERING COLLEGE**

APPROVED BY AICTE

AFFILIATED TO KTU

**INTERNAL QUALITY ASSURANCE CELL**



<b>Name of the club/Department</b>	ELECTRONICS AND COMMUNICATION
<b>Staff in charge</b>	AMRUTHA P R

**Type of Activity:**

Hands-on-session

**Title of Activity:**

Workshop

**Objective:**

To familiarize third semester students about deep learning techniques and artificial intelligence.

**Level of activity (College/Regional / National / International) and target audience**

College level

**Expected outcome - academic / social / commercial**

- commercial

**Program details**

Date	Time	Activity	Venue
19/08/2024-24/08/24	9 AM-4 PM	Workshop	Systems lab

**Resource Person Details :**

Date	Name	Designation	Remuneration
------	------	-------------	--------------

19/08/2024- 24/08/2024	Aesthetics pvt ltd		
---------------------------	--------------------	--	--

## **REPORT**

The five day development programme for fifth semester students was conducted to provide the basics of artificial intelligence and deep learning techniques. An inaugural function was held on the first day of the program. The inaugural function was attended by the Head of EC department Dr. Shahin M abdulla, and faculty members of ECE department. 27 students are actively participated in the session. The session includes

Session 1:Foundations of AI and ML

Session 2: Deep dive in to advanced AI platforms

Session 3:More AI platforms unveiled

Session 4: Hands on experience with AI platforms

Session 5: Real world applications and case studies

Session 6: Deep learning techniques and its challenges and applications

Add Poster and photos.

# ADD ON COURSE

On AI, ML and Deep learning  
For S5 Students

Venue : Systems Lab

Time : 9:30 AM - 4 :30 PM

Date : August 19th to 24th



**ORGANIZED BY**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION**

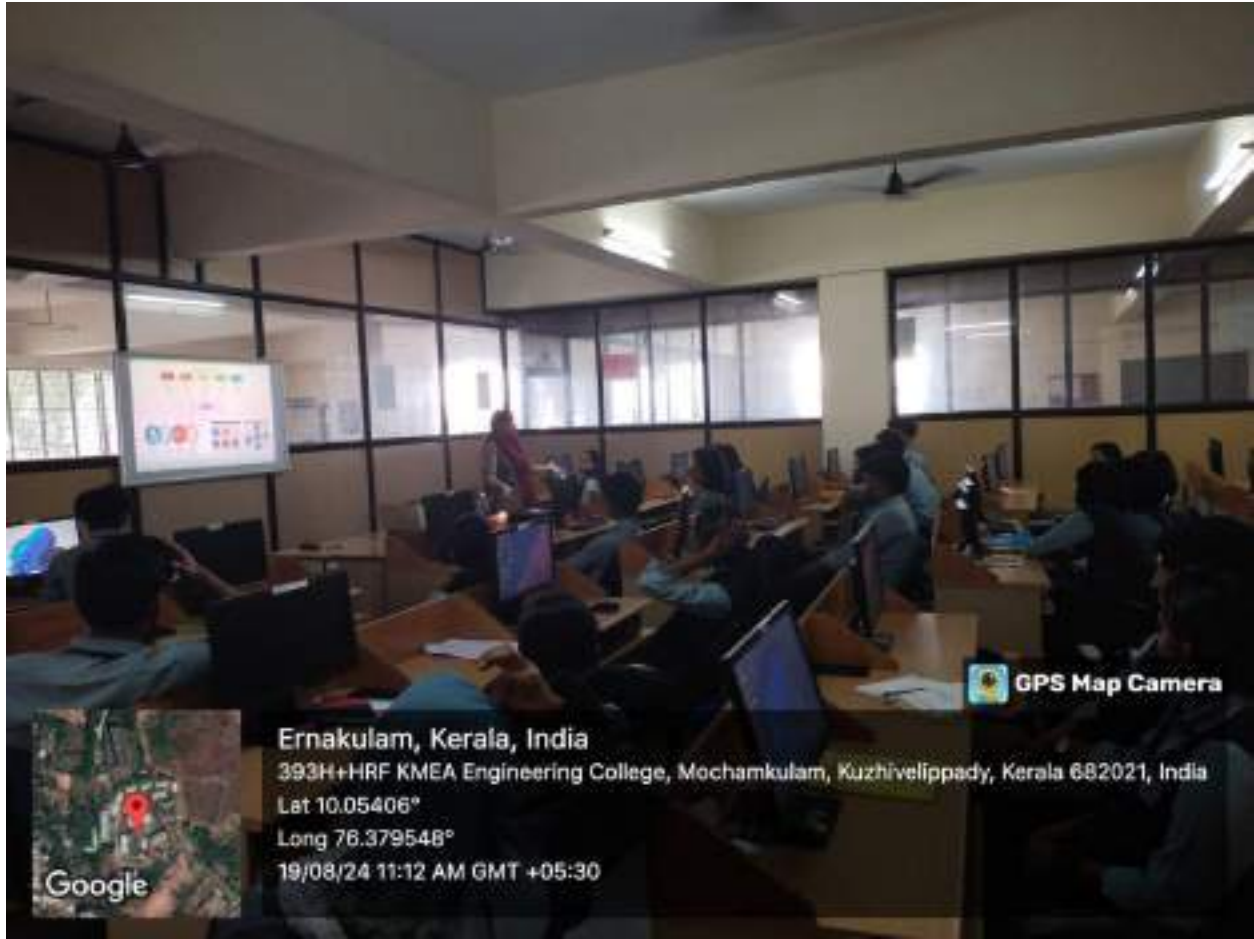






Ernakulam, Kerala, India  
393H+HRF KMEA Engineering College, Mochamkulam, Kuzhivelippady, Kerala 682021, India  
Lat 10.054062°  
Long 76.379552°  
19/08/24 11:12 AM GMT +05:30





Ernakulam, Kerala, India  
393H+HRF KMEA Engineering College, Mochamkulam, Kuzhivelippady, Kerala 682021, India  
Lat 10.05406°  
Long 76.379548°  
19/08/24 11:12 AM GMT +05:30



C.H. MOHAMMED KOYA

**KMEA ENGINEERING COLLEGE**

APPROVED BY AICTE

AFFILIATED TO KTU

### INTERNAL QUALITY ASSURANCE CELL



<b>Name of the club/Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Staff in charge</b>	Mrs. Abeera V P

**Type of Activity:**

Hands-on-session

**Title of Activity:**

Industrial visit

**Objective:**

To familiarize fourth semester students with invaluable insights into the latest trends, technologies, and innovations in computer science.

**Level of activity (College/Regional / National / International) and target audience**

College level

**Expected outcome - academic / social / commercial**

- commercial

**Program details**

Date	Time	Activity	Venue
11/07/2024	3 PM-6 PM	Industrial Visit	Archon Solutions

**Resource Person Details :**

Date	Name	Designation	Remuneration



**KMEA Engineering college**

**Department of Computer Science  
and Engineering**

# **INDUSTRIAL VISIT REPORT**

**At Archon Solutions**

**On 11-07-2024**

## **INTRODUCTION**

The S4 students of the Computer Science department embarked on a comprehensive industrial visit and tour, aimed at bridging the gap between academia and industry. This report highlights the visit's objectives, outcomes, and experiences.

## **OBJECTIVE**

The objective of the industrial visit was to provide hands-on experience, expose students to cutting-edge technologies, and foster meaningful connections with industry experts. The visit aimed to offer invaluable insights into the latest trends, technologies, and innovations in computer science.

## **ABOUT ARCHON SOLUTIONS**

Archon Solutions is a pioneering organization in the field of computer science, renowned for its innovative projects, products, and services. The company is at the forefront of technological advancements, making it an ideal destination for students seeking to explore the real-world implications of their studies.

## **OUTCOMES**

During the visit, students engaged in interactive sessions with industry experts, gaining a deeper understanding of the practical applications of theoretical concepts. Key outcomes included:

- Insights into the latest trends, technologies, and innovations in computer science
- Understanding of the company's projects, products, and services
- Knowledge of the skills and knowledge required to succeed in the industry
- Meaningful connections with industry experts

## **CONCLUSION**

The visit to Archon Solutions was a resounding success, providing students with a unique opportunity to explore the real-world implications of their studies. The experience was both enlightening and inspiring, and students returned with a newfound appreciation for the industry and a clearer understanding of their future career paths.





Kochi, KL, India

Railway Station Road, Edappally, Kochi, 682041  
KL, India

Lat 10.024425, Long 76.307185

07/11/2024 05:52 PM GMT+05:30

Note : Captured by GPS Map Camera

**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. BENA ZIR K K

**Type of Activity:**

<b>SEMINAR</b>
----------------

**Title of Activity:**

<b>SEMINAR ON CYBER SECURITY AND ETHICAL HACKING</b>
--

**Objectives:**

<ul style="list-style-type: none"><li>● Basic concepts of Cyber Security and Ethical Hacking</li><li>● Familiarize with:<ul style="list-style-type: none"><li>● - Surface web, Deep web, and Dark web</li><li>● - Remote Access Trojans (RATs) and Malware</li><li>● - Common hacking techniques (e.g., Phishing, SQL Injection, Cross-Site Scripting)</li></ul></li><li>● Understand how to prevent common hacking techniques through:<ul style="list-style-type: none"><li>● - Secure coding practices</li><li>● - Input validation and sanitization</li><li>● - Secure authentication and authorization</li><li>● - Regular software updates and patching</li></ul></li><li>● Learn about:<ul style="list-style-type: none"><li>● - Anonymity and privacy tools (e.g., Tor, VPNs)</li><li>● - Cryptography and encryption techniques</li><li>● - Incident response and threat hunting</li></ul></li></ul>
--



**Level of activity (College/Regional / National / International) and target audience**

COLLEGE LEVEL
Students

**Expected outcome - academic / social / commercial**

ACADEMIC & COMMERCIAL
-----------------------

**Program details:**

Date	Time	Activity	Venue	Infrastructural requirements and availability
24.08.2024	1.30 pm	Workshop on Advanced Ideas of Cyber Security and Ethical Hacking	Smart Classroom	Smart Board

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
Shyam Krishnan	Marketing Executive	Techbyheart	Cyber Security and Ethical Hacking
Neeraj O	Cyber Security Analyst, Forensic Investigator		

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Addresses	Website	Contact person, designation, email	Roles in collaborating/ Participating	Financial commitment in Rs.
					Nil

<b>Budget Estimates</b>		
-------------------------	--	--

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)

Remuneration to speakers	Nil	Nil	NA	Request given to AI Foundation India
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>				

#### Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Dr Benazir K K	Mrs. Vidya Hari
Exact designation	Associate Professor	Assistant Professor
Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number	9447660880	9447625552
Email	<a href="mailto:bkk.cs@kmeacollege.ac.in">bkk.cs@kmeacollege.ac.in</a>	<a href="mailto:vdh.it@kmeacollege.ac.in">vdh.it@kmeacollege.ac.in</a>
Signature		

#### Report of the Event:

On August 24, 2024, Techbyheart conducted a comprehensive seminar on cybersecurity and ethical hacking for S5 and S7 students of KMEA Engineering College. Resource persons Shyam Krishnan and Neeraj O led the engaging session, which aimed to foster collaboration and knowledge sharing among participants. The seminar provided valuable insights into the latest cybersecurity trends and threats, offering a thorough understanding of cybersecurity and ethical hacking principles. Students were familiarized with the surface web, deep web, and dark web, as well as Remote Access Trojans (RATs) and malware. They learned about common hacking techniques like phishing, SQL injection, and cross-site scripting, and gained knowledge on preventing these threats through secure coding practices, input validation, secure authentication, and regular software updates. Additionally, the seminar covered anonymity and privacy tools like Tor and VPNs, cryptography and encryption techniques, and incident response and threat hunting. Overall, the seminar was an enriching experience, equipping students with essential skills to navigate the cybersecurity landscape effectively.

**HOD**

**PRINCIPAL**



C.M. MOHAMMED ROFA  
**KMEA Engineering College**  
 Approved by AICTE  
 Accredited By MAAC & NBA (M.E, O.E, EEE, E.C, CSE)



TECH-BYHEART

**CYBER  
 SMART  
 2024**

Securing India's digital front



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

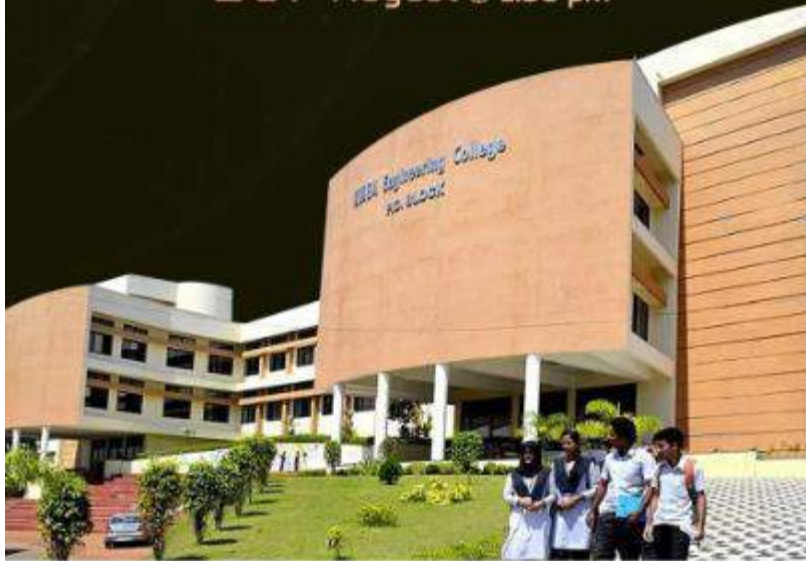
in association with

**Techbyheart** presents


Seminar on

# Cyber Security & Ethical Hacking

24<sup>th</sup> August @ 1.30 pm





 GPS Map Camera

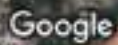
Ernakulam, Kerala, India

393H+HRF KMEA Engineering College, Mochamkulam, Kuzhivelippady, Kerala 682021, India

Lat 10.054064°

Long 76.379644°

24/08/24 02:29 PM GMT +05:30

 Google



GPS Map Camera



Ernakulam, Kerala, India  
393H+HRF KMEA Engineering College, Mochamkulam, Kuzhivelippady, Kerala 682021, India  
Lat 10.054067°  
Long 76.379646°  
24/08/24 02:29 PM GMT +05:30



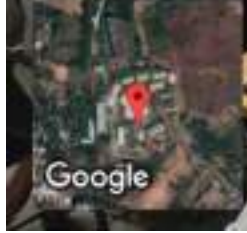
**Ernakulam, Kerala, India**  
399H+HRF KMEA Engineering College, Mochamkulam, Kuzhivelippady, Kerala 682021, India  
Lat 10.054071°  
Long 76.379638°  
24/08/24 02:33 PM GMT +05:30

Google



COMPUTER  
CYBERCRIMES

GPS Map Camera



Ernakulam, Kerala, India  
393H+HRF KMEA Engineering College, Mochamkulam, Kuzhivelippady, Kerala 682021, India  
Lat 10.054071°  
Long 76.379638°  
24/08/24 02:33 PM GMT +05:30



**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	<b>Department of Electrical &amp; Electronics Engineering</b>
<b>Name of the Head of the Department</b>	<b>Dr. Reena Sebastian</b>

**Type of Activity:**

**One day Talk Session & A Hands on Session**

**Title of Activity :**

**" One Day Workshop on Women Entrepreneurship Build-Your Own-Business "**

**Objective :**

**To provide valuable information, guidance, and inspiration to individuals interested in starting and growing their own businesses and to empower aspiring entrepreneurs by sharing knowledge, experiences, and practical tips that can help them navigate the challenges of entrepreneurship**

Add rows as required

Add rows as required



**Level of activity ( College/Regional / National / International ) and target audience**

Regional for Kudumbhasree members(Thengathussery ADS, WARD 4)

**Expected outcome - academic / social / commercial**

- understanding of the fundamentals of entrepreneurship, including business planning, financial management, marketing, and legal considerations..
- create comprehensive business plans, which serve as roadmaps for their businesses' growth and development.
- launch their own businesses, translating their ideas into viable ventures.

**Programme details**

Date	Time	Activity	Venue	Infrastructural requirements and availability
19/08/2023	10:30am to 12:30 pm	Talk session on Startup schemes for women entrepreneurship in kerala	ANGAN VADY 61 UNIT	
	1:30am to 4:30 pm	A Handon session on LEB bulb making		

**Resource Person Details :**

Name	Designation	Organization	Area of Expertise
Dr. Faseela C K	Associate Professor	Department of EEE,KMEA Engineering college.	Former IEDC Nodal Officer, power system
Mr.Mohammed Jaseem	Alumni-(2016-2020)	Department of EEE,KMEA Engineering college.	M.tech in power electronics, experience in Electrical accessories manufacturing industry

,Mr.Mohammed Aslam	Alumni- (2016-2020)	Department of EEE,KMEA Engineering college.	B.tech EEE. R & D Dept of Marine Electricals
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**Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.**

Name	Address	Website	Contact person , designation, email	Roles in collaborating/participating	Financial commitment# in Rs.
NA					-----

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers			--	
Stationery, printing,				
Travel, Stay and DA				
Other(please write each heading in each row				
<b>Total</b>				

**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Neenu B	
Exact designation	Assistant Professor	
Department	EEE	
Cell number	9567479101	
Email	nub.ee@kmeacollege.ac.in	
Signature		

**Report of the Event: (Minimum 500 Words)**

The talk session started at 10.30am with 23 participants on 19<sup>th</sup> August 2023 at Anganvady unit no:61 ,Chunnaagenveli. After the welcome speech Ms.Neenu B session started with a discussion on the key aspects of the event, including the various schemes and programs available to support women entrepreneurs.Dr.Faseela elaborately discussed how to equip women with the skills, confidence, and networks needed to start and grow their businesses. The event featured presentations, panel discussions, interactive sessions, and networking opportunities.After that The LED Bulb Making Workshop, started at 1.30 pm with hands-on experience in assembling LED bulbs and to promote energy-efficient lighting solutions and provides a detailed guide on LED bulb making for startups, with a focus on the essential steps, equipment, resources, and challenges involved in establishing and growing an LED bulb manufacturing venture.. The talk session ended at 4.30PM after the interactive session with vote of thanks by Ms.Neenu B,Program coordinator.

**\*NB: Attach the following documents:**

1. **Registration Form - Sample**
2. **List of participants(attendance sheet with Signature)**
3. **2 Event photo (Covering Resource Person& Screen, Audience) with Date**
4. **Poster/ Brochure**
5. **Certificate - Sample**
6. **Feedback Form - Sample**
7. **Collected feedback ( Should keep it in Department and produce whenever instructed)**
8. **2 Minutes Video (Should keep it in Department and produce whenever instructed)**

**HOD**

**PRINCIPAL**

**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. BENAZIR K K

**Type of Activity:**

<b>WORKSHOP</b>
-----------------

**Title of Activity:**

CODE MASTERY WORKSHOP – C++ IN ACTION
---------------------------------------

**Objectives:**

<ol style="list-style-type: none"><li>1. Introduce +2 students to C++ fundamentals and basic syntax.</li><li>2. Provide hands-on experience in writing and debugging C++ code.</li><li>3. Familiarize students with control structures, functions, and basic data types.</li><li>4. Encourage problem-solving skills and logical thinking.</li><li>5. Write simple C++ programs using control structures and functions.</li><li>6. Promote the Dept. of Computer Science, KMEA Engineering College, as a hub for quality education and training.</li><li>7. Engage B.Tech final year students as mentors, fostering industry-academia collaboration.</li></ol>
--

**Level of activity (College/Regional / National / International) and target audience**

COLLEGE LEVEL  Students
-------------------------------

**Expected outcome - academic / social / commercial**

ACADEMIC & COMMERCIAL
-----------------------

**Program details:**

Date	Time	Activity	Venue	Infrastructural requirements and availability
02.02.2024 – 04.02.2024	7.00 pm – 8.00 PM	Free Online Crash Course on C++ for CBSE and State +2 Students	Online	Laptops

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
S7 Students of KMEA Engg College	CSE Students	KMEA Engg College	C++

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Address	Website	Contact person, designation, email	Roles in collaborating/ Participating	Financial commitment Rs.
					Nil

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>				

**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Ms. Vidhya Hari	Ms. Elia Nibia

Exact designation	Assistant Professor	Assistant Professor
Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number	9447625552	9633116348
Email	vdh.it@kmeacollege.ac.in	<a href="mailto:ena.cs@kmeacollege.ac.in">ena.cs@kmeacollege.ac.in</a>
Signature		

### Report of the Event:

<p>Day 1:</p> <p>The 3-day online workshop on C++ for +2 students, organized by the Dept. of Computer Science, KMEA Engineering College, commenced with an introduction to C++ fundamentals. The participants were familiarized with basic syntax, data types, and variables. Through interactive sessions and hands-on exercises, the students gained a solid understanding of the concepts. The B.Tech final year students, acting as mentors, provided guidance and support, ensuring a smooth learning experience.</p> <p>Day 2:</p> <p>The second day focused on control structures and functions in C++. Participants learned to write simple programs using if-else statements, loops, and functions. The mentors provided valuable insights and feedback, encouraging students to think logically and solve problems. The hands-on session was engaging, with students actively participating and clarifying doubts.</p> <p>Day 3:</p> <p>The final day was a culmination of the concepts learned, with participants working on a simple project that integrated the concepts of variables, control structures, and functions. The mentors guided them through the project, ensuring they applied their knowledge effectively. The workshop concluded with a Q&amp;A session, where students clarified doubts and received feedback on their projects. The Dept. of Computer Science, KMEA Engineering College, successfully delivered a comprehensive introduction to C++ programming, inspiring +2 students to explore computer science further.</p>
--

**HOD**

**PRINCIPAL**



C.H. MOHAMMED KOYA

**KMEA ENGINEERING COLLEGE**

APPROVED BY AICTE

AFFILIATED TO KTU

DEPT OF COMPUTER SCIENCE &  
ENGINEERING PRESENTS

# C++

IN ACTION!!

## CODE MASTERY WORKSHOP

FEB 2 - 4 2024, @ 7-8pm

*Skill-based learning through  
hands-on practice for +2 students  
(CBSE & State Syllabus)*



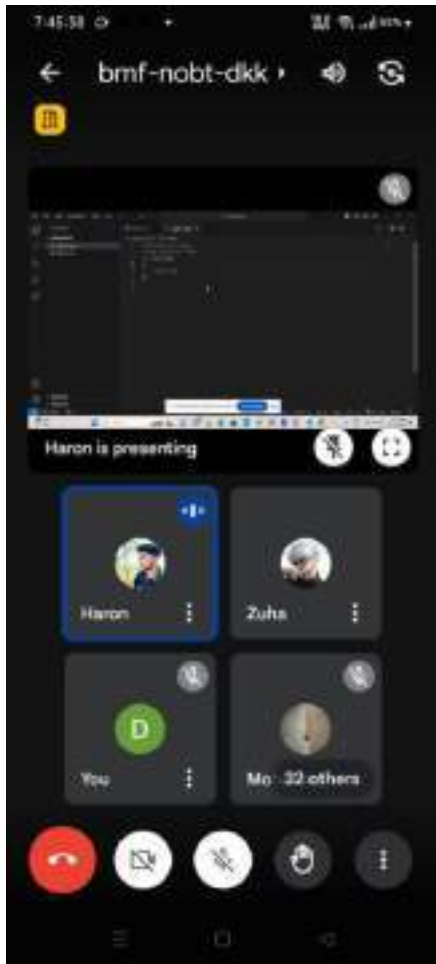
📞 92494 82002

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Corporation









**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	Department of Electrical & Electronics Engineering
<b>Name of the Head of the Department</b>	Dr. Reena Sebastian

**Type of Activity:**  
**Five Day WORKSHOP**

---

**Title of Activity :**

**Entrepreneurial Design: Mastering CAD for market Innovation**

---

**Objective :**

Add rows as required

**The "Entrepreneurial Design: Mastering CAD for Market Innovation" workshop was held to empower entrepreneurs and innovators with advanced skills in Computer-Aided Design (CAD) to enhance their product development processes and drive market innovation. The event provided a comprehensive learning experience focused on leveraging CAD tools for entrepreneurial success.**

---

Add rows as req

**Level of activity ( College/Regional / National / International ) and target audience**

## College

### Expected outcome - academic / social / commercial

- Enhance participants' proficiency in CAD software for product design and development.
- Demonstrate how CAD can be used to drive innovation and gain a competitive edge in the market.
- Provide hands-on experience with advanced CAD techniques and tools.
- Facilitate networking and collaboration among entrepreneurs, designers, and industry experts. Share best practices and insights on integrating CAD into the entrepreneurial process.

### Programme Details

Date	Time	Activity	Venue	Infrastructural requirements and availability
05/8/2024-09/8/2024	9:30am to 12:30 pm	Talk session on Electrical cad	Power system lab	Auto CADD software Industrial Supported lab
	1:30am to 4:30 pm	Practical session		

### Resource Person Details :

Name	Designation	Organization	Area of Expertise
Mr.SijoJeosph	Director& CEO	CADD CAMPUS,Aluva	Auto desk,Auto CADD

### Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Roles in collaborating/participating	Financial commitment# in Rs.
NA					-----

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	1300 per student		--	
Stationery, printing,				
Travel, Stay and DA				
Other(please write each heading in each row				
<b>Total</b>	37700			

### Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Neenu B	
Exact designation	Assistant Professor	
Department	EEE	
Cell number	9567479101	
Email	nub.ee@kmeacollege.ac.in	
Signature		

### Report of the Event:

CADD Campus, Aluva, conducted a five-day add-on program in the Power System Lab from Aug 5 to 7, 2024. The program, specifically tailored for third-semester Electrical and Electronics Engineering (EEE) students, focused on an Advanced CAD Design Workshop for Electrical Engineering. The workshop kicked off with an overview of Computer-Aided Design and its relevance in electrical engineering. Students were introduced to industry-standard CAD tools and their applications in designing electrical systems. The "Entrepreneurial Design: Mastering CAD for Market Innovation" workshop successfully met its objectives by equipping participants with advanced CAD skills and knowledge. The event fostered an environment of learning and innovation, providing valuable tools and insights for driving market success through effective product design.

**\*NB: Attach the following documents:**

1. **Registration Form - Sample**
2. **List of participants(attendance sheet with Signature)**
3. **2 Event photo (Covering Resource Person& Screen, Audience) with Date**
4. **Poster/ Brochure**
5. **Certificate - Sample**
6. **Feedback Form - Sample**
7. **Collected feedback ( Should keep it in Department and produce whenever instructed)**
8. **2 Minutes Video (Should keep it in Department and produce whenever instructed)**

**HOD**

**PRINCIPAL**

**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. BENA ZIR K K

**Type of Activity:**

<b>WORKSHOP</b>
-----------------

**Title of Activity:**

<b>CREATE, INNOVATE,ELEVATE - UNLOCK YOUR PROGRAMMING POTENTIAL</b>
---

**Objectives:**

<ul style="list-style-type: none"><li>• Familiarize students with Python basics: Cover fundamental concepts, syntax, and data types to build a strong foundation.</li><li>• Develop problem-solving skills: Encourage students to think logically and apply Python to solve real-world problems.</li><li>• Introduce data structures and file handling: Teach students to work with lists, dictionaries, and files to manage and analyze data.</li><li>• Explore popular libraries and frameworks: Introduce libraries like NumPy, Pandas, and Flask/Django to broaden their understanding of Python's capabilities.</li><li>• Promote coding best practices: Emphasize the importance of writing clean, readable, and efficient code.</li><li>• Build projects and applications: Guide students in creating projects that integrate concepts learned during the workshop.</li><li>• Foster collaboration and teamwork: Encourage students to work in groups to develop problem-solving and communication skills.</li></ul>
---

- Provide exposure to industry applications: Showcase how Python is used in various industries, such as data science, web development, and automation.
- Encourage further learning and exploration: Inspire students to continue learning and exploring Python beyond the workshop.

**Level of activity (College/Regional / National / International) and target audience**

COLLEGE LEVEL
Students

**Expected outcome - academic / social / commercial**

ACADEMIC & COMMERCIAL
-----------------------

**Program details:**

Date	Time	Activity	Venue	Infrastructural requirements and availability
01.07.2024 – 05.07.2024	9.30 am	CREATE, INNOVATE,ELEVATE - UNLOCK YOUR PROGRAMMING POTENTIAL	LINUX LAB	Smart Board

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
Ms. Abeera V P	Assistant Professor, CSE, KMEA Engg College	KMEA Engg College	

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Address	Website	Contact person, designation, email	Roles in collaborating/ Participating	Financial commitment in Rs.
					Nil

--	--

<b>Budget Estimates</b>		
-------------------------	--	--

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	NA	Request given to AI Foundation India
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>				

**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Dr Sheena Kurian	Mrs. Vidya Hari
Exact designation	Associate Professor	Assistant Professor
Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number	9746798804	9447625552
Email	<a href="mailto:skn.cs@kmeacollege.ac.in">skn.cs@kmeacollege.ac.in</a>	<a href="mailto:vdh.it@kmeacollege.ac.in">vdh.it@kmeacollege.ac.in</a>
Signature		

**Report of the Event:**

<p><b>Day 1: Python Basics</b> The workshop kicked off with Day 1 focusing on Python Basics, where students were introduced to Python syntax, data types, and control structures. Students demonstrated a solid grasp of the concepts, completing exercises with 80% accuracy.</p> <p><b>Day 2: Data Structures and File Handling</b> On Day 2, Data Structures and File Handling were covered. Students showed a good understanding of the material, completing exercises with 85% accuracy.</p> <p><b>Day 3: Libraries and Frameworks</b></p>
---

On Day 3, students were taught about popular Libraries and Frameworks, including NumPy, Pandas, and Flask/Django. Students worked on projects, achieving a 90% completion rate.

**Day 4: Project Development and Collaboration**

Day 4 was dedicated to Project Development and Collaboration, with students working in groups. The results were promising, with 80% of projects completed to a satisfactory level.

**Day 5: Advanced Topics and Wrap-up**

The final day, Day 5, covered Advanced Topics and Wrap-up, with 24 students in attendance. The session reviewed key concepts, discussed industry applications, and provided feedback on projects.

The workshop received an overwhelmingly positive evaluation, and students reported an improved understanding of Python concepts, and expressed interest in continuing to learn Python. Overall, the workshop achieved its objectives, providing a comprehensive introduction to Python programming and inspiring further learning.

**HOD**

**PRINCIPAL**



**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. BENAZIR K K

**Type of Activity:**

<b>WORKSHOP</b>
-----------------

**Title of Activity:**

<b>ENTREPRENEURS' BOOTCAMP – CODING FOR SUCCESS</b>
---

**Objectives:**

- Introduce the basics of Java Programming and Setting up the Environment to develop and run the program
- Understand Java syntax, data types, variables, operators, control structures, loops, and arrays
- Learn object-oriented programming (OOP) concepts: classes, objects, inheritance, polymorphism, encapsulation, and abstraction and practice writing Java programs using these concepts
- Learn about functional programming in Java: lambda expressions, method references, and functional interfaces
- Understand event-driven programming in Java: GUI programming using Swing or JavaFX
- Learn how to implement common data structures in Java: arrays, linked lists, stacks, queues, trees, and graphs
- Understand sorting and searching algorithms: bubble sort, selection sort, insertion sort, binary search, etc.
  
- Java Project Development and Best Practices : Work on a group project to develop a Java application: game, chatbot, or tool

**Level of activity (College/Regional / National / International) and target audience**

COLLEGE LEVEL

Students

**Expected outcome - academic / social / commercial**

ACADEMIC & COMMERCIAL

**Program details:**

Date	Time	Activity	Venue	Infrastructural requirements and availability
18.07.2024 – 25.07.2024	9.00 am	Java Coding Workshop	CCF3 LAB	Smart Board

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
Faculty from Archon Solutions	Trainer, Archon Solutions	Archon Solutions	

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Addresses	Website	Contact person, designation, email	Roles in collaborating/ Participating	Financial commitment in Rs.
					Nil

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	NA	Request given to AI Foundation India
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row				
<b>Total</b>				

**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Mrs. Lija Joy	Mrs. Vidya Hari
Exact designation	Assistant Professor	Assistant Professor

Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number	9207292089	9447625552
Email	<a href="mailto:l jy.cs@kmeacollege.ac.in">l jy.cs@kmeacollege.ac.in</a>	<a href="mailto:vdh.it@kmeacollege.ac.in">vdh.it@kmeacollege.ac.in</a>
Signature		

### **Report of the Event:**

The “Entrepreneur’s Bootcamp : Coding for success”, Java workshop was a resounding success, with Semester 3 students introduced to the basics of Java programming and environment setup on Day 1. They demonstrated a solid grasp of Java syntax, data types, variables, operators, control structures, loops, and arrays, completing exercises with 80% accuracy.

On Day 2, students delved into object-oriented programming (OOP) concepts, including classes, objects, inheritance, polymorphism, encapsulation, and abstraction. They also explored functional programming in Java, covering lambda expressions, method references, and functional interfaces. Students worked on exercises and projects, showcasing a good understanding of OOP and functional programming concepts.

Day 3 focused on event-driven programming in Java, specifically GUI programming using Swing, as well as common data structures such as arrays, linked lists, stacks, queues, trees, and graphs. Students then applied their knowledge by working on group projects, developing Java applications like games, chatbots, or tools. Impressively, 80% of projects were completed to a satisfactory level, demonstrating a good understanding of Java concepts.

The workshop received an overwhelmingly positive evaluation, with 90% of students rating it as "Excellent" or "Good". A significant 85% of students reported an improved understanding of Java programming concepts, and 80% expressed interest in continuing to learn Java. Throughout the workshop, students learned about Java project development and best practices, and group projects encouraged collaboration, problem-solving, and coding skills. Students received feedback on their projects and guidance for further learning, rounding out a comprehensive and engaging workshop experience. By the end of the course, students had gained practical experience in Java programming and were equipped to apply their skills to real-world problems.

**HOD**

**PRINCIPAL**





**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	CIVIL ENGINEERING
<b>Name of the Head of the Department</b>	Dr. SIJA ARUN

**Type of Activity:**

KIC Department Event

**Title of Activity :**

Entrepreneurship in its bare bones -Alumni Talk

Add rows as required

**Objective :**

The aim of the program is to make students understand how to become an entrepreneur in the field of engineering, its scope and opportunities.

Add rows as required

**Level of activity ( College/Regional / National / International ) and target audience**

College Level Activity- S7 students

Add rows as required

**Expected outcome - academic / social / commercial**

- To make students understand how to become an entrepreneur in the field of engineering, its scope and opportunities.

Add rows as required

**Programme details**

Date	Time	Activity	Venue	Infrastructural requirements and availability
29/11/23	10.00 AM to 12.00 PM	Talk on Entrepreneurship in its bare bones	Seminar Hall, D-Block	Facilities available in seminar hall

Add rows as required

**Resource Person Details :**

Name	Designation	Organization	Area of Expertise
Mr. Salih K. A.	Managing Director	Triheights Innovation Pvt. Ltd.	Entrepreneurship

Add rows as required

**Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.**

Name	Address	Website	Contact person , designation, email	Roles in collaborating /participating	Financial commitment# in Rs.
Triheights Innovation Pvt. Ltd.	31/133B, 2nd Floor EMCC, Metro Pillar363, Koonamthai Edappally Ernakulam-682024	consultca17@gmail.com	Salih K A, MD, 9567237267	Resource Person	nil

<sup>3</sup>Mention role of Industry/organisation.

Add rows as required..

# Attach copy of letters received from participating industry showing intent / financial commitment etc.

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing,				
Travel, Stay and DA				
Other(please write each heading in each row				
<b>Total</b>				<b>NIL</b>

**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Lakshmy E G	
Exact designation	Assistant Professor	
Department	Civil Engineering	
Cell number	9746210005	
Email	leg.ce@kmeacollege.ac.in	
Signature		

**Report of the Event: (Minimum 500 Words)**

The program started at 10.00 AM with a prayer. The welcome speech was delivered by Dr. Sija Arun., Head of the Department, Civil Engineering. Then the session was handed over to the speaker Mr. Salih K A, who is our Alumni (2008-12 batch). He delivered a very interactive and effective talk out of his own experiences through his journey in becoming a successful entrepreneur. Session ended at 11 am and two of our students, Rafi and Hazeena, had given feedback note for the session. The vote of thanks was delivered by Asst. Prof. Lakshmy E G and the program ended at 11.15 AM. Almost all the final year students and a few staff of the department had joined the session.

**\*NB: Attached the following documents:**

- 1. Poster**
- 2. Screenshots of the event.**
- 3. Attendance sheet**

**HOD**

**PRINCIPAL**





C. H. MOHAMMED KOYA  
**KMEA Engineering College**  
(Approved by AICTE & APJ Abdul Kalam Technological University)



**INSTITUTION'S  
 INNOVATION  
 COUNCIL**  
Member Institution since 2014

## DEPARTMENT OF CIVIL ENGINEERING

TALK ON :

# ENTREPRENEURSHIP IN IT'S BARE BONES

**SPEAKER**



**SALIH.K.A**  
 MANAGING DIRECTOR:-  
 TRIHEIGHTS INNOVATION Pvt. Ltd.

**NOVEMBER 29 - WEDNESDAY**  
**VENUE : SEMINAR HALL , AUDITORIUM BLOCK**  
**10:00 AM TO 11:00 AM**














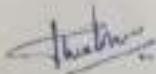


GPS Map Camera

Ernakulam, Kerala, India  
393C+QWP, Kuzhivelippady, Kerala 682021, India  
Lat 10.055992°  
Long 76.370059°  
29/11/23 10:58 AM GMT +05:30

Google

S-7 CE - B

Roll No.	Name	Sign
1	Aashray chavhan	
2	Ashuja Ali	
3	Andria	
4	Anena	
5	Aysha nathan	
6	Ben Remold	
7	Dev Anand K	
8	Emmanuel Christy	
9	Fahara C. J	
10	Fahar saboo	
11	Fahara Sidhik	
12	Fathima Falzana KN	
13	Fathima M.F	
14	Fathima Naam	
15	Fathima Nisar A.A.	
16	Fathimath Thani AK	
17	Fathimath Sunnyya	
18	Femina	
19	Hammaz	
20		
21		
22	Jesna	

23		
24	Mohamed Farzan	
25	MUBARIZ HAREEF TE	
26	Muysina Ashraf	
27		
28	MUHAMMED RAEI	
29	Rafhanath P.A	
30		
31	Rafan M.A	
32	Rawaiz Rofhi	
33		
34		
35	Sana Maeiyuro	
36		
37	Shahid Mohamed M.J	
38	SATHY RAJEEVAN	
39	Sheena K.S	
40	Somayya T.N	
41		
42	Tharanna Thani	
43		
44		
45	Usmayn Asok	
46	Yasmi Rahman	

57-A

Roll No	NAME	Sign
1. <del>24</del>	Bismillah Mahan	
1	ADUNNUSLOH A	
2	Ajmal VM	
3	Arifaya Pyari	
4	Alfiya N/A	
5	Ameria A.A	
6	Ameera Bachand	
7	Zoya Hamid	
8	Arvi S. P. M.	
9	FISMA SAMPAS V.A	
10	Arifa P.M	
11	Aana Najim	
12	Ayulha Beem	
12	Azka Kamrudin	
14	Bachulha Saadichan	
15	Dawha Jayakumar	
16	Eadiya Noor Mulgumud	
17	Fozia Muhammad	
18	Fathima Ashara	
19	Fathimeth Molada V.A	
20	Febina Fathima	
21	Fiza Hal	
22	Hazeena R.L	
23	Layla Saifur	
24	Misriya Saikar	
25	Muhammad Adil	
26	Muhammad Afim	
27	Muhammad Amran	
28	Muhammad Nabeel	
29		

30	Natiga T.K	<u>          </u>
31		<u>          </u>
32		<u>          </u>
33	Nihal V.P	<u>          </u>
34		<u>          </u>
35	Poojav Mahanan	<u>          </u>
36	Raika Fatima	<u>          </u>
37	Rifaz Subhanmed	<u>          </u>
38	Roshna Ashraf	<u>          </u>
39	Somya Jagan moopara k-a	<u>          </u>
40	Thienzamm .m	<u>          </u>
41	Vahab T.P	<u>          </u>
42	Viveetha Venishnan	<u>          </u>
43	Ashad S	<u>          </u>
44	Mai Ashkat - M.R	<u>          </u>
45		<u>          </u>
46	Anama P.M.	<u>          </u>



**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	CIVIL ENGINEERING
<b>Name of the Head of the Department</b>	Dr. SIJA ARUN

**Type of Activity:**

KIC Department Event

**Title of Activity :**

Entrepreneurship in its bare bones -Alumni Talk

Add rows as required

**Objective :**

The aim of the program is to make students understand how to become an entrepreneur in the field of engineering, its scope and opportunities.

Add rows as required

**Level of activity ( College/Regional / National / International ) and target audience**

College Level Activity- S7 students

Add rows as required

**Expected outcome - academic / social / commercial**

- To make students understand how to become an entrepreneur in the field of engineering, its scope and opportunities.

Add rows as required



**Programme details**

Date	Time	Activity	Venue	Infrastructural requirements and availability
29/11/23	10.00 AM to 12.00 PM	Talk on Entrepreneurship in its bare bones	Seminar Hall, D-Block	Facilities available in seminar hall

Add rows as required

**Resource Person Details :**

Name	Designation	Organization	Area of Expertise
Mr. Salih K. A.	Managing Director	Triheights Innovation Pvt. Ltd.	Entrepreneurship

Add rows as required

**Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.**

Name	Address	Website	Contact person , designation, email	Roles in collaborating /participating	Financial commitment# in Rs.
Triheights Innovation Pvt. Ltd.	31/133B, 2nd Floor EMCC, Metro Pillar363, Koonamthai Edappally Ernakulam-682024	consultca17@gmail.com	Salih K A, MD, 9567237267	Resource Person	nil

<sup>3</sup>Mention role of Industry/organisation.

Add rows as required..

# Attach copy of letters received from participating industry showing intent / financial commitment etc.

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing,				
Travel, Stay and DA				
Other(please write each heading in each row				
<b>Total</b>				<b>NIL</b>

**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Lakshmy E G	
Exact designation	Assistant Professor	
Department	Civil Engineering	
Cell number	9746210005	
Email	leg.ce@kmeacollege.ac.in	
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**Report of the Event: (Minimum 500 Words)**

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- 1. Poster**
- 2. Screenshots of the event.**
- 3. Attendance sheet**

**HOD**

**PRINCIPAL**



C. H. MOHAMMED KOYA  
**KMEA Engineering College**  
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**INSTITUTION'S  
 INNOVATION  
 COUNCIL**  
Member Institution of the Council

## DEPARTMENT OF CIVIL ENGINEERING

TALK ON :

# ENTREPRENEURSHIP IN IT'S BARE BONES

SPEAKER



**SALIH.K.A**  
 MANAGING DIRECTOR:-  
 TRIHEIGHTS INNOVATION Pvt. Ltd.










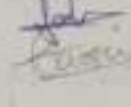
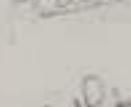

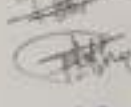
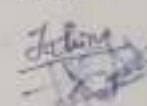



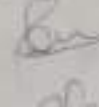


NOVEMBER 29 - WEDNESDAY  
 VENUE : SEMINAR HALL , AUDITORIUM BLOCK  
 10:00 AM TO 11:00 AM






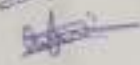
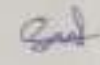


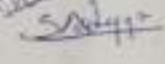









S-7 CE - B

Roll No.	Name	Sign
1	Aashray chavhan	
2	Ashuja Ali	
3	Andria	
4	Anena	
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6	Ben Remold	
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8	Emmanuel Christy	
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40	Somayya T.N	
41		
42	Tharanna Thani	
43		
44		
45	Usmayn Asok	
46	Yasmi Rahman	

57-A

Roll NO	NAME	Sign
1. <del>20</del>	Bismillah Mahan	
1	ADUNNUSIDDIQ A	
2	Ajmal VM	
3	Akshaya Pyasi	
4	Alfiya N/A	
5	Amara A.A	
6	Amruba Bachand	
7	Zoya Hamid	
8	Anu S P/O	
9	ARISHA SHARIF V.A	
10	Anya P.M	
11	Anna Wajid	
12	Ayulha Beem	
12	Aysha Kamrudin	
14	Bachultra Saadichan	
15	Dasha Jayakumar	
16	Eadiya Noor Muhyannad	
17	Feroz Muhammad	
18	Fathima Ashara	
19	Fathimeth Malinda V.A	
20	Febina Fathima	
21	Fiza nol	
22	Hazeena R L	
23	Layla Saifur	
24	Mishraja Saikar	
25	Muhammad Adil	
26	Muhammad Afim	
27	Muhammad Amara	
28	Muhammad Nabeel	
29		



30	Natiga T.K	<u>natiga</u>
31		
32		
33	Nihal V.P	<u>Nihal</u>
34		
35	Poojav Mahanan	<u>Poojav</u>
36	Raika Fatima	<u>Raika</u>
37	Rifaz Subhanmed	<u>Rifaz</u>
38	Roshna Ashraf	<u>Roshna</u>
39	Somya Jagan moopara k-a	<u>Somya</u>
40	Thienzamm .m	<u>Thienzamm</u>
41	Vahab T.P	<u>Vahab</u>
42	Viveetha Venishan	<u>Viveetha</u>
43	Ashad S	<u>Ashad</u>
44	Mai Ashkat - M.R	<u>Mai</u>
45		
46	Anama P.M.	<u>Anama</u>

**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. BENAZIR K K

**Type of Activity:**

<b>SEMINAR</b>
----------------

**Title of Activity:**

<b>FUTURESECURE : INNOVATIVE IDEAS ON CYBER SECURITY AND ETHICAL HACKING</b>
--

**Objectives:**

<ul style="list-style-type: none"><li>● To understand the principles of ethical hacking, including penetration testing and vulnerability assessment.</li><li>● To learn about the tools and techniques used in ethical hacking, such as Nmap, Nessus, and Metasploit.</li><li>● To understand the importance of encryption, firewalls, and access control in cybersecurity.</li><li>● To learn about the latest cybersecurity trends and threats, such as AI-powered attacks and IoT security.</li><li>● To develop hands-on experience with ethical hacking tools and techniques.</li><li>● To understand the legal and ethical implications of hacking.</li><li>● To learn about career opportunities in cybersecurity and ethical hacking.</li><li>● To provide a platform for participants to network with peers and experts in the field.</li></ul>
--

**Level of activity (College/Regional / National / International) and target audience**

<b>COLLEGE LEVEL</b>
----------------------

Students

**Expected outcome - academic / social / commercial**

ACADEMIC & COMMERCIAL

**Program details:**

Date	Time	Activity	Venue	Infrastructural requirements and availability
26.02.2024 – 01.03.2024	9.30 am	Workshop on Advanced Ideas of Cyber Security and Ethical Hacking	CCF3 & AP LAB	Smart Board

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
Mr. Arun Thomas	Cyber Security Analyst & Trainer	Facein Technologies	

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Addresses	Website	Contact person, designation, email	Roles in collaborating/ Participating	Financial commitment in Rs.
					Nil

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	NA	Request given to AI Foundation India
Stationery, printing,				
Travel, Stay and DA				

Other (please write each heading in each row)				
<b>Total</b>				

### Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Dr Sheena Kurian	Mrs. Vidya Hari
Exact designation	Associate Professor	Assistant Professor
Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number	9746798804	9447625552
Email	<a href="mailto:skn.cs@kmeacollege.ac.in">skn.cs@kmeacollege.ac.in</a>	<a href="mailto:vdh.it@kmeacollege.ac.in">vdh.it@kmeacollege.ac.in</a>
Signature		

### Report of the Event:

<p>Day 1</p> <p>The first day of the workshop introduced participants to the world of Cyber Security and Ethical Hacking. The morning session covered the basics of Cyber Security, including threats, vulnerabilities, and risk management. The afternoon session focused on setting up the lab environment and introducing basic Linux commands and navigation. Participants gained a solid understanding of the importance of Cyber Security and Ethical Hacking in today's world.</p> <p>Day 2</p> <p>On the second day, participants delved into Networking Fundamentals and Vulnerability Assessment. The morning session covered networking concepts, including TCP/IP, DNS, and DHCP. The afternoon session introduced participants to network scanning and enumeration using tools like Nmap and Nessus. Participants gained hands-on experience with vulnerability assessment and exploitation.</p> <p>Day 3</p>
--

The third day focused on Web Application Security and Penetration Testing. The morning session covered common web application vulnerabilities, including SQL Injection and Cross-Site Scripting. The afternoon session introduced participants to penetration testing using tools like Burp Suite and ZAP. Participants gained practical experience with web application security testing.

#### Day 4

On the fourth day, participants explored Cryptography and Access Control. The morning session introduced participants to cryptography concepts, including encryption and hashing. The afternoon session covered access control and authentication mechanisms, including Identity and Access Management (IAM). Participants gained a deeper understanding of secure communication and access control.

#### Day 5

The final day of the workshop covered Incident Response and Cyber Security Career Paths. The morning session introduced participants to incident response and disaster recovery planning. The afternoon session focused on Cyber Security career paths and opportunities, including resume building and interview preparation. Participants gained valuable insights into the Cyber Security industry and how to pursue a career in this field.

**HOD**

**PRINCIPAL**



**KMEA**  
Engineering  
College



In association with Facein  
Technologies



26/02/2024 - 01/03/2024

**FUTURESECURE  
INNOVATIVE IDEAS ON  
CYBER SECURITY  
&  
ETHICAL HACKING**

Venue: CCF3 & AP Lab



**64**  
A+ Grade



**N-S-D-C**  
National  
Skill Development  
Corporation





Feb 28, 2024 15:45:58  
10.0539455N 76.3795968E



Feb 28, 2024 09:54:21  
10.0538357N 76.3795748E







**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. BENAZIR K K

**Type of Activity:**

**WORKSHOP**

**Title of Activity:**

**HANDS-ON GENERATIVE AI WORKSHOP**

**Objectives:**

1. To introduce participants to Generative AI and its applications.
2. To provide hands-on experience in building a Generative AI model.
3. To equip participants with the knowledge and skills to work with AI as a partner in their future careers.
4. To foster collaboration and learning among participants from diverse branches and backgrounds.
5. To provide a comprehensive understanding of AI concepts and techniques.

**Level of activity (College/Regional / National / International) and target audience**

COLLEGE LEVEL  
  
Students

**Expected outcome - academic / social / commercial**

ACADEMIC & COMMERCIAL

**Program details:**

Date	Time	Activity	Venue	Infrastructural requirements and availability
09.03.2024	7.00 pm	HANDS-ON GENERATIVE AI WORKSHOP	Online Mode	Laptops or Mobile with internet connectivity

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
Trivikrama	AI Expert	IIT Delhi	ARTIFICIAL INTELLIGENCE

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Address	Website	Contact person, designation, email	Roles in collaborating/ Participating	Financial commitment Rs.
					Nil

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	NA	Request given to AI Foundation India
Stationery, printing, Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>				

**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Ms. VIDYA HARI	Ms. ELIA NIBIA

Exact designation	Assistant Professor	Assistant Professor Professor
Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number	9447625552	9633116348
Email	vdh.it@kmeacollege.ac.in	<a href="mailto:ena.cs@kmeacollege.ac.in">ena.cs@kmeacollege.ac.in</a>
Signature		

### **Report of the Event:**

The Department of Computer Science and Engineering, KMEA Engineering College, Ernakulam, organized an exclusive FREE AI Workshop on Generative AI, led by AI Master and IIT Delhi Alumnus (AIR 99) Mr. Trivikrama in online mode. The workshop aimed to introduce participants to Generative AI, provide hands-on experience in building a Generative AI model, and equip them with the knowledge and skills to work with AI in their future careers.

The workshop was attended by participants from various branches, including B.Tech, BCA, BSc. Computer Science, and faculty members. The session began with an introduction to Generative AI, followed by a hands-on experience in building a Generative AI model. Participants were guided through the process, and no prior coding knowledge or software installation was required.

The workshop achieved its objectives, providing participants with a comprehensive understanding of AI concepts and techniques. Participants received completion certificates for building the Generative AI model and participation certificates for attending the workshop.

The workshop was a resounding success, with participants praising the informative and interactive session. The event demonstrated the college's commitment to providing students with industry-relevant skills and knowledge, preparing them for a future where AI will be an integral partner in their careers.

**HOD**

**PRINCIPAL**

**NXT  
WAVE™**



**AI FOUNDATION TRUST**  
TOWARD EXCELLENCE AND INNOVATION



**NAAC**  
National Assessment  
and Accreditation Council

**NBA**  
NATIONAL BOARD  
of ACCREDITATION

**KMEA Engineering College**  
Dept. of Computer Science & Engineering



*Presents*

# Hands-on Generative AI Workshop

**AI for Students:  
Build Your Own Generative AI Model**

- Get AI Mastery Certificate
- No previous coding knowledge needed

This Workshop is *Free* for All Students

**In association with AI Foundation Trust India &  
NXTWAVE, official partners of NSDC (National Skill  
Development Corporation)**



**9TH MARCH 2024,**  
@ 7:00 pm



**Conducted By**  
**Trivikrama**  
AIR 93, IIT Delhi, AI Expert



# INTERNAL QUALITY ASSURANCE CELL

## SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL ACTIVITIES

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. BENAZIR K K

**Type of Activity:**

<b>SEMINAR</b>
----------------

**Title of Activity:**

<b>IDEA EVOLVE : TRANSFORMING TEACHING AND RESEARCH FOR SUCCESS</b>
---

**Objectives:**

<ol style="list-style-type: none"><li>1. Enhance student learning outcomes through innovative teaching methods and technologies.</li><li>2. Foster a culture of research excellence and collaboration among faculty members.</li><li>3. Develop and implement effective strategies for mentoring and supporting early-career researchers.</li><li>4. Encourage interdisciplinary research collaborations to tackle complex problems.</li><li>5. Improve research impact and knowledge translation through effective dissemination and engagement strategies.</li><li>6. Develop and implement inclusive and equitable teaching and research practices.</li><li>7. Leverage technology to enhance teaching, learning, and research experiences.</li></ol>
--

- 8. Build strategic partnerships with industry, government, and community stakeholders to support research and teaching.
- 9. Provide professional development opportunities for faculty and staff to enhance their teaching and research skills.
- 10. Continuously evaluate and improve teaching and research practices through evidence-based approaches.

**Level of activity (College/Regional / National / International) and target audience**

COLLEGE LEVEL  
STAFFS

**Expected outcome - academic / social / commercial**

ACADEMIC & COMMERCIAL

**Program details:**

Date	Time	Activity	Venue	Infrastructural requirements and availability
19-07-2024	2.30 am	Enhance Innovative teaching methods and technologies.	CONFERENCE HALL	Smart Board

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
Mr. DR.JOHN JOSE	ASSOCIATIVE PROFESSOR	IIT GUWAHATI	

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Addresses	Website	Contact person, designation, email	Roles in collaborating/ Participating	Financial commitment in Rs.
					Nil

<b>Budget Estimates</b>		
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Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	NA	Request given to AI Foundation India
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>				

**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Dr REKHA LAKSHMANAN	Mrs. Vidya Hari
Exact designation	Associate Professor	Assistant Professor
Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number		9447625552
Email		<a href="mailto:vdh.it@kmeacollege.ac.in">vdh.it@kmeacollege.ac.in</a>
Signature		

**Report of the Event:**

"Idea Evolve" aims to revolutionize teaching and research by enhancing student learning outcomes through innovative methods and technologies, fostering a culture of research excellence, and developing effective mentoring and collaboration strategies. The initiative seeks to improve research impact, leverage technology, and build strategic partnerships while promoting inclusive and equitable practices. By providing professional



development opportunities and continuously evaluating and improving teaching and research approaches, "Idea Evolve" strives to transform the academic landscape, driving success and excellence in teaching, research, and knowledge translation.

**HOD**

**PRINCIPAL**



## INTERNAL QUALITY ASSURANCE CELL

### SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL ACTIVITIES

<b>Name of the Department</b>	Department of Electrical & Electronics Engineering
<b>Name of the Head of the Department</b>	Dr. Reena Sebastian

**Type of Activity:**  
**Five Day WORKSHOP**

---

**Title of Activity :**

Startup Revolution: Industrial automation for Innovative Growth

---

**Objective :**

*Add rows as required*

The five-day workshop titled "Startup Revolution: Industrial Automation for Innovative Growth" was designed to equip startup founders, entrepreneurs, and industry professionals with the knowledge and skills needed to leverage industrial automation for business innovation and growth. The event focused on exploring advanced automation technologies and their applications in various industries.

---

*Add rows as req*

**Level of activity ( College/Regional / National / International ) and target audience**

College

---

**Expected outcome - academic / social / commercial**

- Provide a comprehensive understanding of industrial automation technologies and their impact on startups.
- Explore practical applications of automation in improving operational efficiency and innovation.
- Facilitate hands-on experience with industrial automation tools and systems.
- Encourage networking and collaboration among participants, experts, and industry leaders.
- Share best practices and strategies for integrating automation into business operations.

**Programme Details**

Date	Time	Activity	Venue	Infrastructural requirements and availability
12/8/2024-17/8/2024	9:30am to 12:30 pm	Talk session	Power system lab	Industrial Supported lab
	1:30am to 4:30 pm	Practical session		

**Resource Person Details :**

Name	Designation	Organization	Area of Expertise
Mr.Freddy Kuruvila	Project Engineer	Ambit Automation	Industrial Automation

**Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.**

Name	Address	Website	Contact person , designation, email	Roles in collaborating/participating	Financial commitment# in Rs.
NA					-----

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	1300 per student		--	
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>	37700			

### Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Neenu B	
Exact designation	Assistant Professor	
Department	EEE	
Cell number	9567479101	
Email	nub.ee@kmeacollege.ac.in	
Signature		

### Report of the Event:

The "Startup Revolution: Industrial Automation for Innovative Growth" workshop successfully met its objectives by providing a comprehensive and practical understanding of industrial automation. The event empowered participants with the knowledge and skills to drive innovation and growth within their startups, while also fostering valuable industry connections.

Based on feedback and observations, the following recommendations are suggested for future workshops:

- Incorporate more interactive and collaborative activities to further engage participants.
- Offer additional follow-up resources and support for participants to implement automation solutions in their businesses.
- Explore options for virtual participation to reach a broader audience and accommodate different needs.

**\*NB: Attach the following documents:**

1. **Registration Form - Sample**
2. **List of participants(attendance sheet with Signature)**
3. **2 Event photo (Covering Resource Person& Screen, Audience) with Date**
4. **Poster/ Brochure**
5. **Certificate - Sample**
6. **Feedback Form - Sample**
7. **Collected feedback ( Should keep it in Department and produce whenever instructed)**
8. **2 Minutes Video (Should keep it in Department and produce whenever instructed)**

**HOD**

**PRINCIPAL**



C.H. MOHAMMED KOYA

**KMEA ENGINEERING COLLEGE**

APPROVED BY AICTE

AFFILIATED TO KTU

## INTERNAL QUALITY ASSURANCE CELL



<b>Name of the club/Department</b>	Electronics and communication department
<b>Staff in charge</b>	Mr Binish M.C

**Type of Activity:**

Competition

---

**Title of Activity:**

Aqua showdown

---

**Objective:**

Develop a Remote control boat that able to move in water .

---

**Level of activity (College/Regional / National / International) and target audience**

National

---

**Expected outcome - academic / social / commercial**

- academic

---

**Program details**

<b>Date</b>	<b>Time</b>	<b>Activity</b>	<b>Venue</b>
20/4/24	10:00 am	RC boat competition	Ocean department, IIT Madras

### Resource Person Details:

Date	Name	Designation	Remuneration
20/4/24	Mubeena Mirshad	S6 ECE	
	Anjitha Vinayan	S6 ECE	
	Ansula Rose	S6 ECE	
	Noorul Haque T N	S6 ECE	

### REPORT

The RC Boat Competition at IIT Madras, held on 20/04/2024, was a thrilling one-day event that captivated participants and spectators alike. Our team consisted of 4 members, Anjitha Vinayan, Mubeena Mirshad, Ansula Rose and Noorul Haque T N were the teammates. The event took place in a large pool designed to replicate ocean conditions, adding a layer of realism and challenge. The competition was divided into three rounds, each testing different aspects of RC boat handling and design. In the first round, the Speed Challenge, boats raced on a straight course with the goal of achieving the fastest time. This was followed by the Maneuverability Challenge, where participants navigated a complex course filled with turns and obstacles, requiring precise control and skill. The final round, the Endurance Challenge, tested the boats' reliability over an extended period on a longer, circular course, emphasizing continuous operation without mechanical failures. Highlights of the event included the innovative designs presented by the participants, showcasing advanced materials and propulsion systems. The strong team spirit was evident as teams worked diligently to optimize their boats. Spectator engagement was high, with a large audience cheering on their favorite teams and enjoying the live commentary and real-time updates. Overall, the RC Boat Competition at IIT Madras was a resounding success, providing a platform for students to demonstrate their technical prowess, creativity, and teamwork. The event not only fostered a spirit of healthy competition but also encouraged innovation and practical application of engineering principles, setting a promising stage for future editions.





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**INTERNAL QUALITY ASSURANCE CELL**



<b>Name of the club/Department</b>	Electronics and communication department
<b>Staff in charge</b>	Mr Binish M.C

**Type of Activity:**

Competition

**Title of Activity:**

Aqua showdown

**Objective:**

Develop a Remote control boat that able to move in water .

**Level of activity (College/Regional / National / International) and target audience**

National

**Expected outcome - academic / social / commercial**

- academic

**Program details**

<b>Date</b>	<b>Time</b>	<b>Activity</b>	<b>Venue</b>
20/4/24	10:00 am	RC boat competition	Ocean department, IIT Madras



**Resource Person Details:**

Date	Name	Designation	Remuneration
20/4/24	Risana N.A	S6 ECE	
	Rushda Kulsu Naseer	S6 ECE	
	V.S.Akhil	S6 ECE	
	Muhammad Arshaq,	S6 ECE	

**REPORT**

The Wave Pirates team, comprising Risana N.A ,Rushda Kulsu Naseer, V.S.Akhil and Muhammad Arshaq, participated in the Aquashowdown RC boat competition organized by the Ocean Department of IIT Madras on April 20, 2024. The team showcased exceptional skill and teamwork, designing and building our RC boat, "Wave Pirates," with a focus on speed, agility, and maneuverability. The demonstrated impressive performance during the competition, navigating the challenging course with ease and adapting to changing conditions through effective communication and strategic decision-making.

The team secured a notable rank/position in the competition, a testament to the hard work, dedication, and collective efforts. The achieved remarkable feats, including the fastest lap time and most efficient propulsion system, and received praise from judges and fellow competitors for the sportsmanship and enthusiasm. This experience has fueled the passion for innovation and excellence in RC boat racing, and the look forward to future competitions where the can further improve the design and performance.





C.H. MOHAMMED KOYA  
**KMEA ENGINEERING CO**

**INTERNAL QUALITY ASSURANCE CELL**



<b>Name of the club/Department</b>	ELECTRONICS AND COMMUNICATION
<b>Staff in charge</b>	AMRUTHA P R

**Type of Activity:**  
Workshop

**Title of Activity:**  
Talk Session

**Objective:**  
Introduction to Ipr and funding opportunities

**Level of activity (College/Regional / National / International) and target audience**  
College

**Expected outcome - academic / social / commercial**  
social

**Program details**

Date	Time	Activity	Venue
20/3/2024	2 PM -4 PM	Workshop	Smart class room

**Resource Person Details :**

Date	Name	Designation	Remuneration
------	------	-------------	--------------

20/3/2024	Binish M C	Asst. Professor	
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## **REPORT**

The Workshop was conducted at 2 pm on 20/03/2024 by the Electronics & Communication Engineering Department. The session was coordinated and handled by Mr. Binish M C (Assistant Professor) of Electronics & Communication Engineering Department. The eighth and sixth semester students of EC department were the audience. 56 students actively participated in the session. The resource person gave clear insight into the fundamentals of ipr and its funding opportunities.



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**KMEA ENGINEERING COLLEGE**

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**INTERNAL QUALITY ASSURANCE CELL**



<b>Name of the club/Department</b>	ELECTRONICS AND COMMUNICATION
<b>Staff in charge</b>	AMRUTHA P R

**Type of Activity:**

Workshop

**Title of Activity:**

Workshop

**Objective:**

Introduction to electronic product design concepts

**Level of activity (College/Regional / National / International) and target audience**

College

**Expected outcome - academic / social / commercial**

● Commercial

**Program details**

Date	Time	Activity	Venue
29/7/2024- 2/7/2024	9 AM -4 PM	Workshop	Systems lab

**Resource Person Details :**

Date	Name	Designation	Remuneration
------	------	-------------	--------------

20/3/2024	PROTHEM Pvt ltd		
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## **REPORT**

The Workshop was conducted at 9 am on 29/07/2024 by the Electronics & Communication Engineering Department. The session was handled by PROTHEM Pvt ltd. The third semester students of EC department were the audience. 27 students actively participated in the session. They can understand the importance of electronic product development lies in its ability to turn abstract ideas into real products that can improve lives, change industries, and shape the future of technology.






C. H. MOHAMMED KOYA  
**KMEA ENGINEERING COLLEGE**  
ESTD - 1987 APPROVED BY AICTE AFFILIATED TO RTU

DEPARTMENT OF  
ELECTRONICS AND COMMUNICATION

# ADD-ON PROGRAM

## ON ELECTRONIC PRODUCT DESIGN

### FOR S3 - ECE

 JULY 29 - AUGUST 2 2024  
 VENUE - SYSTEMS LAB



**PROTOHEIM**  
PRIVATE LTD.





Ernakulam, Kerala, India  
393H+HRF KMEA Engineering College, Mochamkulam, Kuzhivelippady, Kerala 682021, India  
Lat 10.054065°  
Long 76.379544°  
06/08/24 11:21 AM GMT +05:30







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**KMEA ENGINEERING COLLEGE**

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### INTERNAL QUALITY ASSURANCE CELL



<b>Name of the club/Department</b>	ELECTRONICS AND COMMUNICATION
<b>Staff in charge</b>	AMRUTHA P R

**Type of Activity:**

Workshop

**Title of Activity:**

Talk session

**Objective:**

Importance of electronics and communication and carrier opportunities

**Level of activity (College/Regional / National / International) and target audience**

College

**Expected outcome - academic / social / commercial**

● Social

**Program details**

<b>Date</b>	<b>Time</b>	<b>Activity</b>	<b>Venue</b>
9/8/2024	9 AM -12 PM	Talk session	Conference hall

**Resource Person Details :**

<b>Date</b>	<b>Name</b>	<b>Designation</b>	<b>Remuneration</b>
9/8/2024	Dr.Pankaj sagar	Asst. Professor CUSAT	3000

## **REPORT**

The talk session was conducted at 9 am on 09/08/2024 by the Electronics & Communication Engineering Department. The session was handled by Dr. Pankaj sagar asst professor CUSAT. The first, third, fifth and seventh semester students of EC department were the audience. 95 students actively participated in the session. They can understand the importance of electronics and communication engineering and their scope.



C.H. MOHAMMED KOYA

**KMEA ENGINEERING COLLEGE**

ESTD - 1997

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Accredited by NAAC & NBA (ME,CE,EEE,EC,CSE)



INSTITUTION'S  
INNOVATION  
COUNCIL



# IGNITE 2024

Electronics and Communication  
Students



Conference Hall PSTA Block



August 9th , 2024



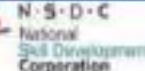
Time 9:00 AM



**Dr Pankaj Sagar**  
Assistant Professor

Head of Department of Instrumentation

CUSAT





Ernakulam, Kerala, India  
393J+M2X, Mochamkulam, Kuzhivelippady, Kerala 682021, India  
Lat 10.054188°  
Long 76.379979°  
09/08/24 09:51 AM GMT +05:30



C.H. MOHAMMED KOYA

**KMEA ENGINEERING COLLEGE**

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AFFILIATED TO KTU

### INTERNAL QUALITY ASSURANCE CELL



<b>Name of the club/Department</b>	ELECTRONICS AND COMMUNICATION
<b>Staff in charge</b>	AMRUTHA P R

**Type of Activity:**

Workshop

**Title of Activity:**

Workshop

**Objective:**

Introduction to arduino

**Level of activity (College/Regional / National / International) and target audience**

College

**Expected outcome - academic / social / commercial**

academic

**Program details**

Date	Time	Activity	Venue
9/8/2024	1 PM -4 PM	Workshop	Systems lab

**Resource Person Details :**

<b>Date</b>	<b>Name</b>	<b>Designation</b>	<b>Remuneration</b>
9/8/2024	S7 students	Nil	Nil

## **REPORT**

The Workshop was conducted at 1 pm on 09/08/2024 by the Electronics & Communication Engineering Department. The session was handled by seventh semester students EC department. The first semester students of EC department were the audience. 20 students actively participated in the session. They can understand the basics of arduino programming.

# ARDUINO WORKSHOP

An Introductory workshop to arduino

 Systems Lab

 August 9th, 2024

 11 AM









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**KMEA ENGINEERING COLLEGE**

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**INTERNAL QUALITY ASSURANCE CELL**



<b>Name of the club/Department</b>	ELECTRONICS AND COMMUNICATION
<b>Staff in charge</b>	AMRUTHA P R

**Type of Activity:**

Workshop

**Title of Activity:**

Boot camp

**Objective:**

Boot camp on Allied Technologies for Drones

**Level of activity (College/Regional / National / International) and target audience**

College

**Expected outcome - academic / social / commercial**

social

- 

**Program details**

Date	Time	Activity	Venue
28/2/2024-3/3/2024	9 AM-4 PM	Workshop	CCF lab

**Resource Person Details :**

Date	Name	Designation	Remuneration
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28/2/2024- 3/3/2024	Dr. Arun	NEILT	MEITY funding
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## **REPORT**

The bootcamp featured a diverse range of sessions and workshops conducted by renowned experts in the field. Participants had the opportunity to learn from industry leaders who shared their insights and experiences. The sessions covered topics such as:

1. Drone Mechanics and Flight Dynamics
2. Sensor Integration and Remote Sensing Techniques
3. Artificial Intelligence and Machine Learning in Drones
4. Data Analysis and Visualization for Drone Applications
5. Legal and Ethical Considerations in Drone Operations





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इलेक्ट्रॉनिक्स एवं सूचना प्रौद्योगिकी मंत्रालय  
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY



INSTITUTION'S INNOVATION COUNCIL  
Association of Institutions, 2012-13

# BOOT CAMP ON ALLIED TECHNOLOGIES FOR DRONE

ON 28<sup>th</sup> FEB TO 3<sup>rd</sup> MARCH

funded by  
Meity, Government of India.  
Under the project

"Capacity Building for Human Resource Development in Unmanned Aircraft System (Drone and related Technology)."





C.H. MOHAMMED KOYA  
**KMEA ENGINEERING COLLEGE**  
APPROVED BY AICTE AFFILIATED TO KTU

## INTERNAL QUALITY ASSURANCE CELL

### SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL ACTIVITIES

<b>Name of the Department</b>	ELECTRONICS AND COMMUNICATION ENGINEERING
<b>Name of the Head of the Department</b>	Dr. SHAHIN M ABDULLA

**Type of Activity:**

**WORKSHOP**

**Title of Activity:**

"CODE WITH CONFIDENCE: A VIBRANT INTRODUCTION TO MATLAB'S BASICS WITH LIVE PRACTICAL SESSIONS FOR PRACTICAL BRILLIANCE"

Add rows as required

**Objective:**

To familiarize sixth semester students on the MATLAB basics and Simulink with 10 simple projects.

Add rows as required

**Level of activity (College/Regional / National / International) and target audience**



College Level, Sixth Semester ECE Students

Add rows as required

**Project Impact -Expected outcome - academic / social / commercial**

Students became aware of the MATLAB Programming.

Add rows as required

**Programme details**

Date	Time	Activity	Venue	Infrastructural requirements and availability
15/02/2024	9.30 am – 11:30 am	Workshop	Systems Lab, ECE	Desktop Computers

Add rows as required

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
Ms. Naeema Nazar	ECE alumini, IEEE photonics society representative	Dept. of ECE, KMEA Engineering College	MATLAB

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	nil			
Stationery, printing,	na			

Travel, Stay and DA	na			
Other (please write each heading in each row)	na			
<b>Total</b>	nil			

Add rows as required.  
Max assistance 3 Lakhs

### Details of Coordinators

	Coordinator
Name	AMRUTHA P R
Exact designation	Assistant Professor
Department	Electronics & Communication Engineering
Cell number	9562892155
Email	apr.ec@kmeacollege.ac.in
Signature	

### Report of the Event: ( Minimum 500 Words )

The Workshop was conducted at 9.30 am on 15/02/2024 by the Electronics & Communication Engineering Department. The session was coordinated and handled by Ms. AMRUTHA P R (Assistant Professor) of Electronics & Communication Engineering Department. The sixth semester students of EC department were the audience. 29 students actively participated in the session. The resource person gave clear insight into the fundamentals of MATLAB and its programming. The session included 10 projects of MATLAB fundamentals and simulink.

**HOD**

**PRINCIPAL**



C. H. MOHAMMED KOYA  
**KMEA ENGINEERING COLLEGE**  
 Approved by AICTE Affiliated to APJ Abdul Kalam Technological University  
 EDATHALA P.O. COCHIN, KERALA, INDIA 683561



## DEPT. OF ELECTRONICS & COMMUNICATION ENGINEERING

"CODE WITH CONFIDENCE: A VIBRANT  
 INTRODUCTION TO MATLAB'S BASICS WITH  
 LIVE PRACTICAL SESSIONS FOR PRACTICAL  
 BRILLIANCE!"



**NAEEMA NAZAR**

IEEE Photonics Society Global Strategy Representative for India  
 KMEA ECE ALUMINI



THURSDAY,  
 15 FEBRUARY 2024



9:30AM - 11:30AM



KMEA ENGINEERING COLLEGE



### ELIGIBILITY :

FDP is open to the faculty members, research scholars, PG scholars, and all staff members of the host institutions

### CERTIFICATE:

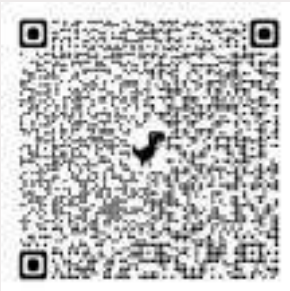
Certificate will be issued to all the participants who have attended the session with minimum 80% attendance.

### IMPORTANT DATES:

Registration starts : 21<sup>st</sup> June 2024

Registration ends : 02<sup>nd</sup> July 2024

LOCATION:  
Scan and Locate



### REGISTRATION FEES: Rs 200

Registration fee can be paid on the following account

ACCOUNT NUMBER:

IFSC CODE

BANK NAME

BRANCH NAME

ACCOUNT NAME

### REGISTRATION FORM

Log on to \_\_\_\_\_

### ADDRESS FOR CORRESPONDENCE

jbm.ec@kmeacollege.ac.in (Coordinator)  
ama.ec@kmeacollege.ac.in (Joint Coordinator)

Contact No: 9895428220 (Coordinator)  
8075358261 (Joint Coordinator)  
9495909397 (HOD)

## KMEA COLLEGE OF ENGINEERING AND TECHNOLOGY

Edathala, Aluva, Ernakulam, Kerala, India  
pin:683561  
kmeacollege.ac.in

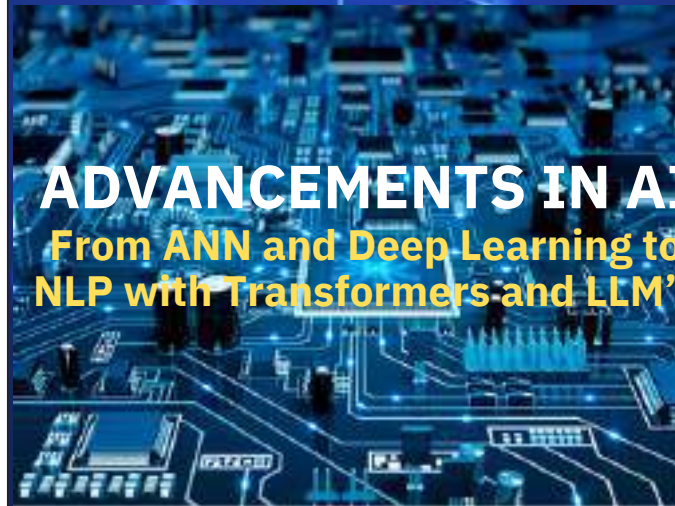


**KMEA**  
ENGINEERING COLLEGE



EDATHALA, ALUVA

## Three Days Faculty Development Program on



# ADVANCEMENTS IN AI

## From ANN and Deep Learning to NLP with Transformers and LLM's

4th, 5th and 6th July 2024

Organized by  
Department of Electronics and  
Communication Engineering





## ABOUT THE COLLEGE

The Kerala Muslim Educational Association was established in 1957 with the lofty aim of setting up quality educational institutions on a par with global standards. KMEA Engineering College (KEC) was established in 2002 under the management of Kerala Muslim Educational Association, a charitable trust. It is approved by All India Council for Technical Education (AICTE) and affiliated to APJ Abdul Kalam Technological University. The college is accredited by National Assessment and Accreditation Council (NAAC) and National Board of Accreditation (NBA)

## ABOUT THE DEPARTMENT

The Electronics and Communication Engineering (ECE) Department was established in 2002, with a vision to mould academically excellent, socially committed, and ethically strong professionals with innovative ideas in the growing technical world by providing high quality education in this field. Students engage in research and projects across various fields, including biomedical, signal processing, AI, telecommunications, and renewable energy. Our E-Yantra lab, sponsored by IIT Bombay, along with our incubation center and industry collaborations, is actively engaged in research and projects in biomedical signal processing, AI, communication, embedded systems, robotics etc. With a strong emphasis on interdisciplinary learning and real-world applications, the ECE Department provides a comprehensive education that equips students to tackle modern engineering challenges and lead in technological advancements.

### Vision

To mould academically excellent, socially committed and ethically strong professionals with innovative ideas in growing technical world by providing a high quality education in the field of Electronics and Communication Engineering

### Mission

- M1: To provide an environment for multifaceted education rooted in science and updated technology.
- M2: To support research and development leading to innovations in the field of electronics and communication.
- M3: To produce technologists by enhancing problem solving skills, team-spirit, social responsibilities, ethics and entrepreneurship skills.

## ORGANIZING COMMITTEE

### Chief Patron: Dr Amar Nishad T M

Principal, KMEA

### Patron: Dr. Rekha Lakshmanan

Vice-Principal, KMEA

### Organizing Chair:

Dr. Shahin M Abdulla, HOD(ECE), KMEA

Dr Smitha K M ,Dean Academics.KMEA

### Coordinator:

Prof. Jubaira Mammoo ,AP, ECE, KMEA

### Joint Coordinator:

Prof. Abini M A, AP, ECE, KMEA

### Members:

Prof. Bushara A R, AP, ECE, KMEA

Prof. Binish M C, AP, ECE, KMEA

Prof. Mohammed Ismail, AP, ECE, KMEA

Prof. Amrutha P R, AP, ECE, KMEA

## AIMS AND OBJECTIVE OF FDP

The FDP aims to provide comprehensive knowledge and practical insights into AI and machine learning, covering foundational concepts like ANN and deep learning, advanced topics including RNN-based NL models, attention mechanisms, transformers, and popular models like BERT and GPT, while also exploring LLM realization, fine-tuning, prompt engineering, Retrieval-Augmented Generation (RAG), and current trends in the field

AIML

ANN and Deep Learning

DL models for NLP(RNN Family)

Attention Mechanism

Transformers

BERT and GPT

LLM Realization and Popular Models

Fine Tuning

Prompt Engineering

RAG

Current Trends

## PROPOSED OUTCOMES

- Proficiency in ANN and Advanced Deep Learning
- Familiar with NLP, Transformers, attention mechanism
- Familiar with Language models like BERT & GPT
- Enhance skills in prompt engineering and RAG
- Familiar with current trends and advancements in AI

## RESOURCE PERSONS



Dr Shailesh Sivan  
Assistant Professor  
DCS, CUSAT



Dr. Jeena Kleenankandy  
Assistant Professor  
DCS, CUSAT



**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. BENA ZIR K K

**Type of Activity:**

**WORKSHOP**

**Title of Activity:**

CODE MASTERY WORKSHOP – CODING WITH PYTHON

**Objectives:**

1. Introduce +2 students to Python programming fundamentals.
2. Provide hands-on experience in writing and executing Python code.
3. Familiarize students with basic syntax, data types, and control structures in Python.
4. Encourage problem-solving skills and logical thinking.
5. Write simple Python programs using control structures and functions.
6. Apply Python programming to real-world problems.
7. Promote the Dept. of Computer Science, KMEA Engineering College, as a hub for quality education and training.
8. Engage B.Tech final year students as mentors, fostering industry-academia collaboration.

**Level of activity (College/Regional / National / International) and target audience**

COLLEGE LEVEL  
  
Students

**Expected outcome - academic / social / commercial**

ACADEMIC & COMMERCIAL

**Program details:**

Date	Time	Activity	Venue	Infrastructural requirements and availability
27.01.2024 – 31.01.2024	7.30 pm – 8.30 pm	Free Online Crash course on Python Programming	Online Mode	Laptops

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
S5 and S7 Students of KMEA	CSE Students	KMEA Engg College	Python Programming

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Address	Website	Contact person, designation, email	Roles in collaborating/ Participating	Financial commitment Rs.
					Nil

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing, Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>				

**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Ms. Vidhya Hari	Ms. Munshida K K



Exact designation	Assistant Professor	Assistant Professor
Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number	9447625552	9847441385
Email	vdh.it@kmeacollege.ac.in	<a href="mailto:mkk.cs@kmeacollege.ac.in">mkk.cs@kmeacollege.ac.in</a>
Signature		

### **Report of the Event:**

The 5-day online workshop on Python Programming for +2 students, organized by the Dept. of Computer Science, KMEA Engineering College, was a comprehensive introduction to Python fundamentals. Over the five days, participants learned about basic syntax, data types, control structures, functions, modules, file handling, and exceptions. Each day's session was interactive, with hands-on exercises and guidance from B.Tech final year students acting as mentors.

Day 1: Introduction to Python, basic syntax, and data types

Day 2: Control structures (if-else, loops)

Day 3: Functions and modules

Day 4: File handling and exceptions

Day 5: Project development and Q&A session

By the end of the workshop, participants gained a solid understanding of Python programming concepts and were able to apply them to real-world problems. They developed problem-solving skills, logical thinking, and an appreciation for computer science. The workshop was a resounding success, achieving its objectives of introducing +2 students to Python programming and inspiring them to explore computer science further. The Dept. of Computer Science, KMEA Engineering College, demonstrated its commitment to quality education and training, while the B.Tech final year students showcased their expertise and mentoring skills. The workshop's outcome will have a positive impact on the participants' future academic and professional pursuits.

**HOD**

**PRINCIPAL**



G.H. MOHAMMED KOYA  
**KMEA ENGINEERING COLLEGE**  
APPROVED BY AICTE AFFILIATED TO KTU

**DEPT OF COMPUTER SCIENCE & ENGINEERING  
 PRESENTS**

# CODE MASTERY WORKSHOP - CODING WITH PYTHON

**CONTACT**

**8589062939**  
Head of Program, Department of C&E

**ARE YOU A PLUS TWO STUDENT  
 IN CBSE? DO YOU WISH TO GET  
 MORE CLARITY IN PYTHON?**

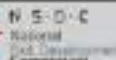
**JOIN OUR CRASH COURSE**

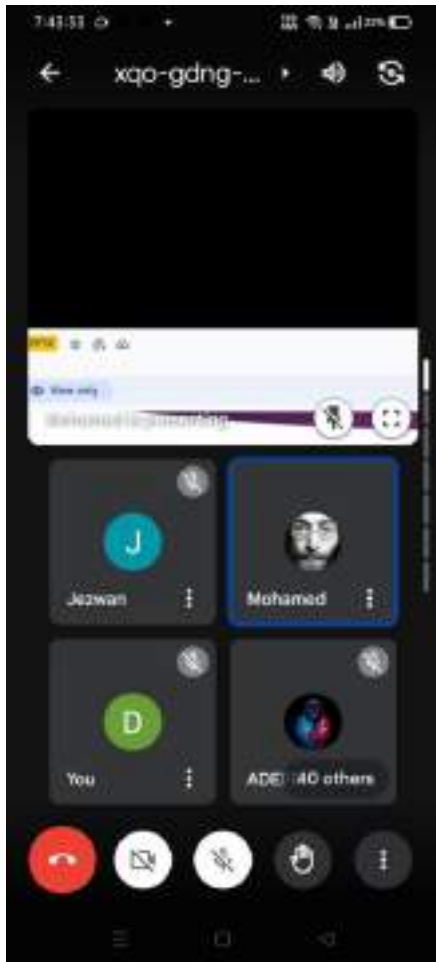


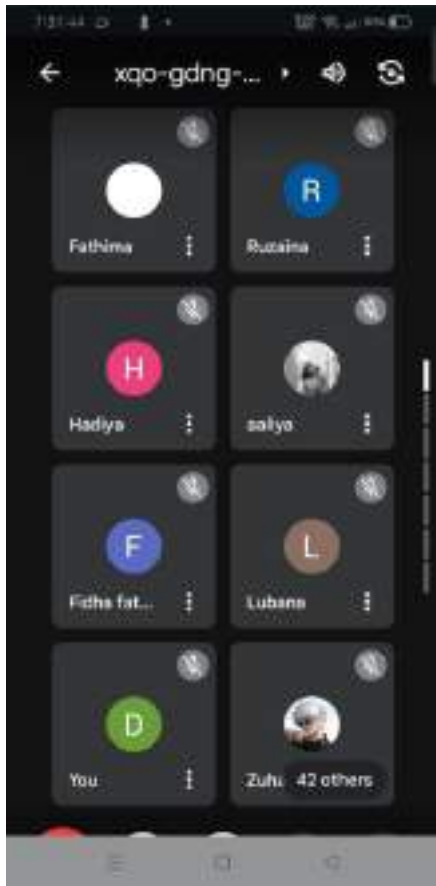
**27 JAN - 31 JAN  
 2024**



**7:30pm -  
 8.30pm**









## Student Development Program on “Hardware startup showcase : PC Assembly Demo workshop”

<b>Name of the Department</b>	<b>COMPUTER SCIENCE AND ENGINEERING</b>
<b>Name of the Head of the Department</b>	<b>Dr. REKHA LAKSHMANAN</b>

**Type of Activity:** Student Development Program

**Title of Activity:** “Hardware startup showcase : PC Assembly demo workshop”

### **Objective:**

The workshop was aimed at the first-year students of the department and focused on imparting knowledge and practical skills related to operating system installation and PC assembling. The report will highlight the key aspects of the workshop, including its organization, content, methodology, and outcomes, with a primary goal of capturing the educational value and positive impact of the event on the participating students.

1. Understanding Hardware Components
2. Familiarity with Operating Systems
3. Building a Computer System
4. Troubleshooting
5. Operating System Installation
6. BIOS/UEFI Configuration
7. Best Practices and Safety Measures

By the end of the program, the session taught the audience the working of the components of a computer system. Also, the workshop included another session on installation of operating systems- Ubuntu and Windows 10.

**Level of activity (College/Regional / National / International) and target audience**

Regional Level, Students and staff

**Expected outcome - academic / social / commercial**

1. Enhanced Understanding of PC Components
2. Practical Knowledge in PC Assembly
3. Comprehension of Component Interconnections
4. Insight into Operating System Installation
5. Practical Exposure to OS Installation
6. Increased Confidence in Technical Tasks

**Programme details**

DATE	TIME	Sessions	Venue	Infrastructural requirements and availability
21/09/2023 Thursday	10 am- 12 noon	Inauguration	Linux Lab/Programming Lab/CCF 3 LAB	Computer Lab with internet facility

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
S7 Students CSE	Students	KMEA Engineering college	

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Address	Website	Contact person , designation, email	Roles in collaborating/participating	Financial commitment# in Rs.
CSI				Institutional membership	
Total Rs.					-----

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	NIL	NIL	NIL	NIL
Stationery, printing,	NIL	NIL	NIL	NIL

Registration Fee	NIL	NIL	NIL	NIL
Travel, Stay and DA	NIL	NIL	NIL	NIL
Refreshment	4000	4000	NIL	NIL
<b>Total</b>	4000			

#### Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Mohammed Bilal	Mansoor
Exact designation	Student	Student
Department	Computer Science And Engineering	Computer Science And Engineering
Cell number	7356362650	7736970903
Email	<a href="mailto:mohamedbilal1800@gmail.com">mohamedbilal1800@gmail.com</a>	cs24mans@kmeacollege.ac.in
Signature		

#### Report of the Event: (Minimum 500 Words)

The 1-day student development program on OS Installation and PC Assembling for beginners was conducted to provide an introduction to the OS Installation and PC Assembling workshop. The program aimed to equip participants with the foundational knowledge and skills required to build a system. An inaugural function was held on the first day of the program. The inaugural function was attended by the Vice Principal Dr. Rekha Lakshmanan, and faculty members of CSE department. The function included introduction to PC hardware, PC building, OS installation. The final year students discussed topics on the different components of a PC, their functionalities and connections between them. The student development program was conducted by final years and included a combination of lectures and hands-on exercises. The program covered topics such as data PC hardware, PC assembling, and OS installation. The participants were provided with access to a computer lab equipped with necessary software and tools. The student development program was attended by all two batch students of CSE branch. At the end of the program, the participants were able to develop an understanding of the OS Installation and PC Assembling.

**HOD**

**PRINCIPAL**



C. H. MOHAMMED KOYA  
**KMEA ENGINEERING COLLEGE**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

# HARDWARE STARTUP SHOWCASE -PC ASSEMBLY DEMO

**S7 STUDENTS**



SEPTEMBER 21, 2023  
 10:00AM



**ATAL RANKING**  
**64**  
 MoE, Govt. of India









C.H. MOHAMMED KOYA

**KMEA ENGINEERING COLLEGE**

APPROVED BY AICTE

AFFILIATED TO KTU



## **REPORT ON FIELD VISIT**

Name of the event : Maker village visit as per IIC Calendar

Date of Event : 19th January 2024

Location of Event : Maker Village Fab Lab Kalamassery

of participants : 32

Programme Organised by : IIC, IEDC, EDC Kmea Engineering College

Contact person : Dr. Sangeetha +919003920949

### **ABOUT MAKER VILLAGE KOCHI**

Maker Village is a hardware incubator located in Kochi, Kerala, India. It is one of the largest electronics incubators in India and was established with the aim of fostering the growth of hardware startups and providing them with the resources and support they need to bring their ideas to life. The incubator provides its residents with access to state-of-the-art equipment, workshops, prototyping facilities, and a supportive community of mentors, investors, and peers. The goal of Maker Village is to help entrepreneurs turn their ideas into successful hardware products and companies.

### **PROGRAMME SUMMARY**

On 19th January 2024, around 32 faculty visited the Maker village in Kerala Technology Innovation Zone, Kinfra Hi-Tech Park, Kalamassery, Kochi, Kerala at 10AM. A visit to Maker Village in Kochi is a valuable experience for anyone who is interested in the hardware startup ecosystem, including entrepreneurs, students, investors, and industry professionals. Our visit to Maker Village included the following activities:

1. Tour of the facilities: We received a tour of the Maker Village facilities, including the workshops, prototyping labs, and co-working space. This provided us with an opportunity to see the resources available and also get a sense of the supportive and collaborative environments.
2. Meetings with startups: We received an opportunity to meet with startups that are part of the Maker Village community and hear about their experiences, challenges, and successes.
3. Presentations and Demonstrations: We attended presentations and demonstrations by startups, showcasing the hardware prototypes and products they are working on. Also there were presentations taken by Maker village authorities explaining about its importance, functions and its contributions to society.
4. Networking Opportunities: Maker Village also provided opportunities for all the visitors to network with entrepreneurs, investors, and other industry professionals.

Major key equipments and resources available at Maker village Kochi

Maker Village in Kochi is equipped with a range of state-of-the-art equipment and resources to support hardware startups and entrepreneurs. The following is a list of some of the key equipment and resources available at Maker Village:

1. Electronics Workshop: Maker Village has a well-equipped electronics workshop with soldering stations, power supplies, oscilloscopes, multimeters, and other tools and equipment for prototyping and testing electronics circuits.
2. Mechanical Workshop: Maker Village also has a mechanical workshop with a variety of tools and equipment, including lathes, milling machines, 3D printers, and laser cutters, to support the development of hardware prototypes.
3. Prototyping Labs: Maker Village has multiple prototyping labs that are equipped with the tools and resources needed to build and test hardware prototypes, including a variety of hand and power tools, workbenches, and test equipment.
4. Co-working Space: The incubator provides residents with access to a shared co-working space that is equipped with desk space, internet access, and other resources to support collaboration and teamwork.
5. Design Software: Maker Village provides residents with access to a variety of design software, including CAD (computer-aided design) tools, simulation software, and other design tools to support product development.
6. List of some of the machinery and equipment available at Maker Village:

1. Lathes
2. Milling machines
3. 3D printers
4. Laser cutters
5. Soldering stations
6. Power supplies
7. Oscilloscopes
8. Multimeters
9. Workbenches
10. Hand and power tools
11. Test equipment

These are just some of the key equipment and resources available at Maker Village in Kochi. The incubator is continually updating and expanding its facilities to support the evolving needs of hardware startups and entrepreneurs.

The visit concluded at 1PM with a brief interaction with Mr RajeevKumar, AO, Maker village. The visit was supported by KMEA IEDC, EDC and IIC.



C.H. MOHAMMED KOYA  
**KMEA ENGINEERING COLLEGE**  
Approved by AICTE      Affiliated to MG University & KTU

**EDC KMEA**



in association with



**IEDC KMEA & IIC**



**Maker Village**

**THE ELECTRONICS INCUBATOR IN KERALA**



**Field Visit**

**19 JANUARY 2024**







C. H. MOHAMMED KOYA  
**KMEA ENGINEERING COLLEGE**  
APPROVED BY AICTE AFFILIATED TO KTU

**INTERNAL QUALITY ASSURANCE CELL  
SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER  
TECHNICAL ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. BENAZIR K K

**Type of Activity:**

**NATION WIDE EXTENSION ACTIVITY**

**Title of Activity:**

**Department of Computer Science & Engineering Celebrating India's 76th Independence by Conducting a Series of National Level Awareness programme on Digital Literacy, AI & it's Emerging Trends**

**Objectives:**

**To enlighten the theme of 76th celebration of India's Independence :** To make an insight into the theme of 76 th Independence of India “NATION FIRST ALWAYS FIRST”. It mainly focus to the Students to remind their prime duties & responsibilities, to our Mother land and also to those Public who belong to non-technical background.

**Promote National-Level Digital Literacy:** The program seeks to promote digital literacy at a national level, enabling individuals to effectively utilize digital tools and technologies in their personal and professional lives. The program seeks to provide computer literacy to individuals from different backgrounds, including students, self-help groups, youth, tribes, and the general public.

**Empower Recent Advancements in digital world:** By providing insights into recent advancements in AI, the program intends to empower participants with the knowledge required to stay updated in an ever-evolving technological landscape.

**To reach grassroots levels:** By conducting classes in various districts in Kerala & other States of India, the program aims to reach communities at the grassroots level, ensuring that even remote areas have access to computer science education and emerging trends in technology.

**To encourage participation:** The program strives to encourage participation from local communities and diverse groups, fostering an inclusive learning environment.

**To gather feedback and improve:** The program aims to gather feedback from participants and continuously improve the sessions based on the received appreciation and suggestions.

**To collaborate with local government bodies:** The program aims to collaborate with local government representatives to gain support and encouragement, thereby enhancing its reach and impact.

**Offer Free Sessions on Computer Literacy:** The program seeks to eliminate barriers to learning by providing exclusive free offline & online sessions on computer literacy, ensuring that financial constraints do not hinder participation.

**Level of activity (College/Regional / National / International) and target audience**

**NATIONAL LEVEL**

Students, Self help groups like Kudumbasree, women, Youth, individuals from different backgrounds, tribes, and the general public.

**Expected outcome - academic / social / commercial**

**ACADEMIC, SOCIAL, NATIONAL INTEGRATION, EXTENSION  
ACTIVITY**



**Program details**

Date	Time	Activity	Venue	Infrastructural requirements and availability
19.07.2024 20.07.2024	9:30am to 4:30pm	Two days workshop on national level digital & AI awareness program conducted for students, MDLP School,,Kottayam	MDLP School, Kottayam	Venue, Laptop

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
Dr.Benazir K K	HoD&Associate Professor	KMEA Engg. College	Digital Literacy AI & it's emerging trends

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any. Yes.AI FOUNDATION TRUST INDIA.**

Name	Address	Website	Contact person, designation, email	Roles in collaborating/participating	Financial commitment# in Rs.
KMEA Engg. College	KMEA Engg. College	<a href="http://www.kmeacollege.ac.in/">www.kmeacollege.ac.in/</a>	Dr Benazir KK Associate Professor bkk.cs@kmeacollege.ac.in	Programme Coordinator	Nil

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	NA	NA
Stationery, printing,				
Travel, Stay and DA				

Other (please write each heading in each row)				
<b>Total</b>				

**Details of Coordinator**

	Coordinator 1
Name	Dr Benazir KK
Exact designation	Associate Professor
Department	Computer Science & Engg., KMEA
Cell number	9447660880
Email	bkk.cs@kmeacollege.ac.in
Signature	

**Report of the Event:**

On behalf of The Nation Level programme organized by the department of Computer Science & Engineering , KMEA Engineering College Organized two days Hands on workshop for students of MDLP School, Kottayam. The workshop that aimed to educate and inspire young minds. The program's objective was to make students aware of digital literacy, its importance, and their role in promoting it, while also instilling a sense of responsibility and duty towards the nation.

The workshop was a comprehensive and interactive experience, covering topics such as introduction to digital literacy, online safety and cybersecurity, digital tools for learning, and nation-building. Students participated in group discussions and activities, sharing their ideas and thoughts on digital literacy and nation-building.

The program was a resounding success, with students gaining a deeper understanding of digital literacy and its significance. They developed awareness about online safety and cybersecurity measures and were inspired to work towards building a completely literate India. The workshop encouraged students to take ownership of their responsibilities towards the nation, empowering them to become responsible digital citizens.

Testimonials from students reflected the program's impact, with many expressing their gratitude for the opportunity to learn and grow. The KMEA Engineering College is committed to continuing such initiatives, fostering a culture of digital literacy and patriotism among young minds. By empowering school students, the program aims to contribute to the growth and development of the nation.

**HOD**

**PRINCIPAL**



C.H. MOHAMMED KOYA  
**KMEA Engineering College**  
 Approved By AICTE  
 Accredited By NAAC & NBA (ME, CE, EEE, EC, CSE)



DEPARTMENT OF  
 COMPUTER SCIENCE & ENGINEERING

**National level second series of  
 AWARENESS PROGRAM ON DIGITAL LITERACY  
 "AI & ITS EMERGING TRENDS"**

**SPEAKER**



**DR. BENAZIR K K**  
 HoD & Associate Professor,  
 Dept of CSE  
 KMEA ENGINEERING COLLEGE

**"CELEBRATING  
 INDIA'S  
 INTEGRITY"**

19TH & 20TH  
 AUGUST 2024

MDLP SCHOOL,  
 KOTTAYAM 05.



**ATIL RANKING**  
**64**  
 MoU, Govt of India





**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. REKHA LAKSHMANAN

**Type of Activity:**

SEMINAR
---------

**Title of Activity:**

DIGITAL VENTURE STUDIO
------------------------

**Objectives:**

<ul style="list-style-type: none"><li>• Introduce attendees to the field of Full Stack Java Development. This involved explaining what full-stack development is, the different skills it requires, and why Java is a popular choice for this field.</li><li>• Generate interest in Archon Solutions' Full Stack Java Development Course. The seminar aimed to showcase the company's expertise and convince attendees that their course is the best option for learning these skills.</li><li>• Provide a basic understanding of Java programming. This involved introducing core concepts like syntax, data types, control flow, and object-oriented programming.</li><li>• Assess the audience's interest and potential for enrollment: The company gauged the audience's level of interest and suitability for their course.</li></ul>
--

**Level of activity (College/Regional / National / International) and target audience**

COLLEGE LEVEL
Students

**Expected outcome - academic / social / commercial**

ACADEMIC & COMMERCIAL
-----------------------

**Program details:**

Date	Time	Activity	Venue	Infrastructural requirements and availability
3.10.2023	2.30 pm	Digital Venture studio - Full Stack Development and Java Training Program	Conference Hall	Smart Board

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
Mr.Rahul R Kumar Mrs. Arathi Pradeep	HR Java Tech	Archon Solution	

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Address	Website	Contact person, designation, email	Roles in collaborating/ Participating	Financial commitment Rs.
					Nil

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	NA	Request given to AI Foundation India
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row)				

<b>Total</b>				
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**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Dr Sheena Kurian	Mrs. Vidya Hari
Exact designation	Associate Professor	Assistant Professor
Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number	9746798804	9447625552
Email	skn.cs@kmeacollege.ac.in	<a href="mailto:vdh.it@kmeacollege.ac.in">vdh.it@kmeacollege.ac.in</a>
Signature		

**Report of the Event:**

Archon Solutions recently conducted a seminar introducing their Full Stack Java Development course. Mr. Rahul R Kumar commenced the event by providing an overview of Archon Solutions, elucidating their commitment to delivering top-tier educational services. He outlined the comprehensive nature of their Full Stack Java Development program, emphasizing its relevance in the current tech landscape. Following Mr. Kumar's introduction, Mrs. Arathi Pradeep delved into a succinct overview of Java. She highlighted its significance in software development, discussing its versatility, robustness, and wide-ranging applications across industries. Mrs. Pradeep touched upon key Java concepts, frameworks, and tools, giving attendees a glimpse into the vast possibilities the language offers. Overall, the seminar provided valuable insights into both Archon Solutions' educational offerings and the foundational knowledge of Java programming.

**HOD**

**PRINCIPAL**



C.H. MOHAMMED KOYA

**KMEA Engineering College**

Approved By AICTE

Affiliated to KTU

Accredited By NAAC & NBA (ME, CE, EEE, EC, CSE)



*Department of  
Computer science and engineering  
presents*

# **DIGITAL VENTURE STUDIO**

*in association with*



**FULL STACK JAVA  
TRAINING PROGRAM**




**ARIIA**

ALL INDIA INSTITUTE OF INFORMATION TECHNOLOGY

AND INFORMATION ACCESSIBILITY





 **GPS Map Camera**



Ernakulam, Kerala, India  
393H+QXF, Mochamkulam, Kuzhivelippady, Kerala 682021, India  
Lat 10.054197°  
Long 76.380047°  
03/10/23 02:35 PM GMT +05:30



**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. REKHA LAKSHMANAN

**Type of Activity:**

<b>SEMINAR</b>
----------------

**Title of Activity:**

<b>TECH INNOVATION</b>
------------------------

**Objectives:**

<p><b>Educate on Generative AI Basics:</b> Provide attendees with a foundational understanding of Generative AI, including its principles, techniques, and applications.</p> <p><b>Highlight Employability Opportunities:</b> Showcase the diverse career opportunities and roles available in the field of Generative AI across industries, emphasizing its growing demand in academia and the job market.</p> <p><b>Explore Industry Trends:</b> Discuss current trends and advancements in Generative AI technology, as well as their implications for future job prospects and skill requirements..</p> <p><b>Demonstrate Academic Applications:</b> Illustrate how Generative AI is being used in academic research, teaching, and learning, showcasing its potential to enhance educational experiences and outcomes.</p> <p><b>Address Skill Development:</b> Provide guidance on developing essential skills and competencies in Generative AI, including programming, machine learning, data analysis, and domain-specific knowledge.</p>
--

**Discuss Ethical Considerations:** Initiate a dialogue on the ethical implications of Generative AI in academia and the workplace, emphasizing the importance of responsible AI development and usage.

**Share Success Stories:** Share success stories and case studies of individuals who have leveraged Generative AI skills to advance their careers or make meaningful contributions in their respective fields.

**Offer Learning Resources:** Recommend resources, courses, and learning pathways for attendees to further their knowledge and skills in Generative AI, including online tutorials, books, workshops, and academic programs.

**Level of activity (College/Regional / National / International) and target audience**

COLLEGE LEVEL  
Students

**Expected outcome - academic / social / commercial**

ACADEMIC & COMMERCIAL

**Program details:**

Date	Time	Activity	Venue	Infrastructural requirements and availability
12.10.2023	2.00 pm	Talk on generative AI and Employability	SMART CLASS ROOM	Smart Board

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
Leena Ali	Technical Lead	Vofox Solutions	Machine Learning

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Address	Website	Contact person, designation, email	Roles in collaborating/ Participating	Financial commitment Rs.
					Nil

<b>Budget Estimates</b>		
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Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	NA	Request given to AI Foundation India
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>				

#### Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Ms. Vidhya Hari	Ms. Sheena Kurian
Exact designation	Assistant Professor	Associate Professor
Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number	9447625552	9746798804
Email	vdh.it@kmeacollege.ac.in	<a href="mailto:skn.cs@kmeacollege.ac.in">skn.cs@kmeacollege.ac.in</a>
Signature		

#### Report of the Event:

Department of Computer Science & Engineering organised a seminar on 12th October 2023 at KMEA Engineering College. The resource person for the event was Ms. Leena Ali, Team Lead, Vofox solutions. There were about 60+ participants. The session started with the welcome address by Ms. Shyni, Ms. Sheena Kurian, Associate Professor, CSE Dept. The speaker adeptly conveyed a comprehensive understanding of Generative AI and its implications for entrepreneurship and innovation and idea development and its ethical

considerations, thereby equipping attendees with invaluable insights to navigate this dynamic field with confidence.. The session ended by 4 pm with a feedback and Q&A session.

HOD

PRINCIPAL

C.H. MOHAMMED KOYA  
**KMEA Engineering College**  
Approved By AICTE  
Accredited By NAAC & NBA (ME, CE, EEE, EC, CSE)

DEPARTMENT OF  
COMPUTER SCIENCE & ENGINEERING

# TECH INNOVATION

*for career acceleration*

Resource person

**TUESDAY**  
12 october 2023

**TIME**  
10 : 00 AM

**GREEN BLOCK -**  
SMART CLASS ROOM

**Ms. Leena Ali**  
Team Lead, Vofox solutions.

Logos at the bottom: AICTE, 5th AICTE Award of Merit, ATOL RANKING 64, MURDOCH UNIVERSITY, UNIVERSITI TEKNOLOGI MARA, N-S-D-C National Skill Development Corporation, and INSTITUTIONS INNOVATION COUNCIL.

**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. BENAZIR K K

**Type of Activity:**

SEMINAR
---------

**Title of Activity:**

STARTUP READY : DEVELOPING IN-DEMAND SKILLS
---

**Objectives:**

<ul style="list-style-type: none"><li>• Introduce attendees to the field of Power BI. This involved explaining Power BI, a business analytics service by Microsoft.</li><li>• The seminar aimed to showcase the capabilities of Power BI, setting up Power BI, installing Power BI desktop and understanding the data model relationships.</li><li>• This helped the audience to learn the advanced visualization techniques using DAX formulas for calculations.</li><li>• Finally a Hands-on Practice and Q&amp;A.</li><li>• Assess the audience's interest and provided resources for further learning and support.</li></ul>
--

**Level of activity (College/Regional / National / International) and target audience**

COLLEGE LEVEL  Students
-------------------------------

**Expected outcome - academic / social / commercial**

ACADEMIC & COMMERCIAL

**Program details:**

Date	Time	Activity	Venue	Infrastructural requirements and availability
09.11.2023	9.30 am – 4:30 pm	Introduction to Power BI	CCF3 Lab	Smart Board

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
Mr. Vinayak	Senior Data Architect	IKEA of Sweden	

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Address	Website	Contact person, designation, email	Roles in collaborating/ Participating	Financial commitment Rs.
					Nil

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	NA	Request given to AI Foundation India
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>				

**Details of Coordinators**



	Coordinator 1	Coordinator 2
Name	Dr Sheena Kurian	Mrs. Vidya Hari
Exact designation	Associate Professor	Assistant Professor
Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number	9746798804	9447625552
Email	<a href="mailto:skn.cs@kmeacollege.ac.in">skn.cs@kmeacollege.ac.in</a>	<a href="mailto:vdh.it@kmeacollege.ac.in">vdh.it@kmeacollege.ac.in</a>
Signature		

### Report of the Event:

IKEA of Sweden recently conducted a seminar introducing Power BI to our students. Mr. Vinayak commenced the event by providing an overview of Power BI. The seminar aimed to introduce attendees to the field of Power BI, a business analytics service by Microsoft. The event showcased the capabilities of Power BI, guiding participants through the setup process and installation of Power BI Desktop. The presentation delved into understanding data model relationships, a crucial aspect of Power BI. Furthermore, advanced visualization techniques were explored using DAX formulas for calculations, empowering attendees to unlock the full potential of Power BI.

The seminar included interactive elements, featuring a hands-on practice session where participants applied their newfound knowledge. A Q&A session followed, addressing queries and clarifying doubts. Throughout the event, the audience's interest was assessed, and resources for further learning and support were provided, ensuring a comprehensive learning experience. Overall, the seminar successfully equipped attendees with a solid understanding of Power BI, its applications, and advanced features, paving the way for enhanced business analytics and data-driven decision-making.

**HOD**

**PRINCIPAL**



C.H. MOHAMMED KOYA

**KMEA Engineering College**

Approved By AICTE

Affiliated to KTU

Accredited By NAAC & NBA (ME, CE, EEE, EC, CSE)



DEPARTMENT OF  
COMPUTER SCIENCE & ENGINEERING

## STARTUP READY - DEVELOPING IN-DEMAND SKILLS



**Mr. Vinayak**

Senior Data Architect  
IKEA of Sweden

**NOVEMBER 9, 2023**

9:30 - 12:30

Online hands-on Workshop

"Discover the critical role of data analysis in today's businesses and enhance your skills with our focused Power BI tutorial."







## **INTERNAL QUALITY ASSURANCE CELL SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. REKHA LAKSHMANAN

**Type of Activity:**

**NATION WIDE EXTENSION ACTIVITY**

**Title of Activity:**

**Department of Computer Science & Engineering Celebrating India's 76th Independence by Conducting a Series of National Level Awareness programme on Digital Literacy, AI & it's Emerging Trends**

**Objectives:**

**To enlighten the theme of 76th celebration of India's Independence :** To make an insight into the theme of 76 th Independence of India “NATION FIRST ALWAYS FIRST”. It mainly focus to the IT professional students to remind their prime duties & responsibilities, to our Mother land and also to those Public who belong to non-technical background.

**Promote National-Level Digital Literacy:** The program seeks to promote digital literacy at a national level, enabling individuals to effectively utilize digital tools and technologies in their personal and professional lives. The program seeks to provide computer literacy to individuals from different backgrounds, including students, self-help groups, youth, tribes, and the general public.

**Empower Recent Advancements in digital world:** By providing insights into recent advancements in AI, the program intends to empower participants with the knowledge required to stay updated in an ever-evolving technological landscape.

**To reach grassroots levels:** By conducting classes in various districts in Kerala & other States of India, the program aims to reach communities at the grassroots level, ensuring that even remote areas have access to computer science education and emerging trends in technology.

**To encourage participation:** The program strives to encourage participation from local communities and diverse groups, fostering an inclusive learning environment.

**To gather feedback and improve:** The program aims to gather feedback from participants and continuously improve the sessions based on the received appreciation and suggestions.

**To collaborate with local government bodies:** The program aims to collaborate with local government representatives to gain support and encouragement, thereby enhancing its reach and impact.

**Offer Free Sessions on Computer Literacy:** The program seeks to eliminate barriers to learning by providing exclusive free offline&online sessions on computer literacy, ensuring that financial constraints do not hinder participation.

**Level of activity (College/Regional / National / International) and target audience**

NATIONAL LEVEL

Students, Self help groups like Kudumbasree, women, Youth, individuals from different backgrounds, tribes, and the general public.

**Expected outcome - academic / social / commercial**

ACADEMIC, SOCIAL, NATIONAL INTEGRATION, EXTENTION  
ACTIVITY, WOMEN EMPOWERMENT

--

### Program details

Date	Time	Activity	Venue	Infrastructural requirements and availability
18.11.2023 19.11.2023 20.11.2023	9:30am to 4:30pm	Three days workshop on national level digital & AI awareness program conducted for self help group, Sullamussalam kudumbasree, Kottayam	Thaliyilkotta, Thazhathangady	Venue, Laptop

### Resource Person Details:

Name	Designation	Organization	Area of Expertise
Dr. Benazir K K	HoD & Associate Professor	KMEA Engg. College	Digital Literacy AI & its emerging trends

### Profile of collaborating/participating Industry/s or professional body or other organization/s, if any. Yes. AI FOUNDATION TRUST INDIA.

Name	Address	Website	Contact person, designation, email	Roles in collaborating/participating	Financial commitment# in Rs.
KMEA Engg. College	KMEA Engg. College	<a href="http://www.kmeacollege.ac.in/">www.kmeacollege.ac.in/</a>	Dr Benazir KK Associate Professor bkk.cs@kmeacollege.ac.in	Programme Coordinator	Nil

### Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	NA	NA
Stationery, printing,				

Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>				

**Details of Coordinator**

	Coordinator 1
Name	Dr Benazir KK
Exact designation	Associate Professor
Department	Computer Science & Engg., KMEA
Cell number	9447660880
Email	bkk.cs@kmeacollege.ac.in
Signature	

**Report of the Event:**

Three days Hands on workshop for self help group of Kudumbasree ladies . The Nation Level programme organized by the department of Computer Science & Engineering , KMEA Engineering College was inaugurated by Smt Suhra Shaji,ADS ,Ward 48 Kottayam Municipality on 18/11/2023, at Thaliyilkotta,Thazhathangady,Kottayam . Representatives from Local Government self help groups were attended. The three days awareness programme was conducted for the Kudumbasree unit ladies ,students & home makers. Smt Sauda Kabeer, Secretary, Sullamussalam Kudumbasree delivered welcome speech. Smt Sheena Shams,President, Sullamussalam Kudumbasree delivered vote of thanks. The session included the following topics for the specific target groups.

- Security of mobile phones, laptops, and other electronic devices, bank transactions,social media-Threats &precautions to be taken.
- How to use apps from the Govt. of Kerala for citizen benefits
- Digital banking apps and their security, do's and don'ts of digital banking
- Social media etiquette
- Safety of email accounts, FB and other social media accounts

Introduction to Artificial Intelligence, It's history, Types of AI, Pros &Cons of AI, Applications of AI, Social relevance & benefits of AI.

The entire programme received very good feedback from the participants. They expressed their willingness to cooperate with similar upcoming programmes of KMEA Engineering College.

**HOD**

**PRINCIPAL**



# KMEA ENGINEERING COLLEGE

Edathala P.O. Ernakulam - 683501

NAAC Accredited Institute | Approved by AICTE | Affiliated to KTU



## Department of Computer Science and Engineering

*Celebrating India's 76<sup>th</sup> Independence*  
"NATIONAL LEVEL SERIES OF AWARENESS  
PROGRAMME ON DIGITAL LITERACY, AI & IT'S  
EMERGING TRENDS"

"NATION FIRST  
ALWAYS FIRST"

Venue: Sullamussalam Kudumbasree, Kottayam  
( Ward 48)

Three Day Hands On Awareness Programme  
November 18,19,20 2023

**Resource Person : Dr. Benazir K K**

(HoD Computer Science and Engineering KMEA Engineering College)



Free Online and Offline Sessions







**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. BENAZIR K K

**Type of Activity:**

**SEMINAR**

**Title of Activity:**

**CATALYST FOR STARTUP CAREERS**

**Objectives:**

- To improve students' technical skills in areas relevant to their branch of study.
- To develop students' soft skills, such as communication, teamwork, and problem-solving.
- To enhance students' aptitude and logical reasoning skills.
- To help students develop a strong understanding of their strengths, weaknesses, opportunities, and threats (SWOT analysis).

**Level of activity (College/Regional / National / International) and target audience**

COLLEGE LEVEL  
  
Students

**Expected outcome - academic / social / commercial**

ACADEMIC & COMMERCIAL

**Program details:**

Date	Time	Activity	Venue	Infrastructural requirements and availability
27.02.2024	9.30 am	Catalyst for Startup Careers	Conference Hall	Smart Board

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
Mr. Aravind Nair	Principal product manager	Microsoft Corporation	

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Addresses	Website	Contact person, designation, email	Roles in collaborating/ Participating	Financial commitment in Rs.
					Nil

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	NA	Request given to AI Foundation India
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>				

**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Dr Sheena Kurian	Mrs. Vidya Hari

Exact designation	Associate Professor	Assistant Professor
Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number	9746798804	9447625552
Email	<a href="mailto:skn.cs@kmeacollege.ac.in">skn.cs@kmeacollege.ac.in</a>	<a href="mailto:vdh.it@kmeacollege.ac.in">vdh.it@kmeacollege.ac.in</a>
Signature		

**Report of the Event:**

The program aimed to empower students with the necessary skills and knowledge to excel. Through this program, students' technical skills in areas relevant to their branch of study were significantly improved, making them more competitive in the job market. Additionally, the program focused on developing essential soft skills such as communication, teamwork, and problem-solving, which are highly valued by employers.

A key aspect of the program was helping students develop a strong understanding of their strengths, weaknesses, opportunities, and threats (SWOT analysis), enabling them to make informed career decisions and present themselves more effectively to potential employers. Overall, the campus placement training program was a comprehensive initiative to prepare students for success in their future careers.

**HOD**

**PRINCIPAL**



C.H. MOHAMMED KOYA  
**KMEA Engineering College**  
 Approved By AICTE  
 Accredited By NAAC & NBA (ME, CE, EEE, EC, CSE)



Department of computer science and engineering

# CATALYST FOR STARTUP CAREERS

Transform your dreams into career! Enroll in the placement training program now



**MR. ARAVIND NAIR**

Principal product manager at Microsoft corporation



**TUESDAY  
27/02/2024**



**TIME  
9 30 pm**



**CONFERENCE HALL**



**64**  
RANKING



**N-S-D-C**  
National Skill Development Corporation







GPS Map Camera

Ernakulam, Kerala, India  
393J+M2X, Mochamkulam, Kuzhivelippady, Kerala 682021, India  
Lat 10.054266°  
Long 76.380021°  
27/02/24 09:50 AM GMT +05:30

Google



Feb 27, 2024 3:54:01 PM  
Kuzhivelippady  
Ernakulam  
Kerala





GPS Map Camera



Ernakulam, Kerala, India  
393J+M2X, Mochamkulam, Kuzhivelippady, Kerala 682021, India  
Lat 10.05418°  
Long 76.380005°  
27/02/24 09:50 AM GMT +05:30

**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. BENA ZIR K K

**Type of Activity:**

**HACKATHON**

**Title of Activity:**

**Hac'K\_24**

**Objectives:**

- Foster innovation, creativity, and problem-solving skills among participants
- Provide a platform for students to collaborate, design, and develop innovative software solutions
- Encourage effective communication, idea sharing, and teamwork among group members
- Develop critical thinking and unique problem-solving approaches
- Create functional and impactful projects that address real-world challenges
- Learn from industry experts and receive mentorship
- Gain exposure to cutting-edge technologies and trends in software development

**Level of activity (College/Regional / National / International) and target audience**

COLLEGE LEVEL  
  
Students

**Expected outcome - academic / social / commercial**

ACADEMIC & COMMERCIAL

**Program details:**

Date	Time	Activity	Venue	Infrastructural requirements and availability
11.05.2024 & 12.05.2024	8.00 am (11.05.2024) – 11 am (12.05.2024)	Hackathon	KMEA Engg College	Laptops

**Organizer Details:**

Name	Designation	Organization	Area of Expertise
Dept. Of CSE		KMEA Engg College	Medtech, Edutech, Agrotech, Open Innovation

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Address	Website	Contact person, designation, email	Roles in collaborating/ Participating	Financial commitment Rs.
					Nil

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	NA	Request given to AI Foundation India
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>				

**Details of Coordinators**

	Coordinator 1	Coordinator 2
--	---------------	---------------

Name	Ms. Vidhya Hari	Dr. Benazir K K
Exact designation	Assistant Professor	Associate Professor
Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number	9447625552	9447660880
Email	vdh.it@kmeacollege.ac.in	<a href="mailto:bkk.cs@kmeacollege.ac.in">bkk.cs@kmeacollege.ac.in</a>
Signature		

**Report of the Event:**

The 24-hour software-based hackathon aims to achieve several key objectives. These include fostering innovation, creativity, and problem-solving skills among participants, and providing a platform for students to collaborate and develop innovative software solutions. The event encourages effective communication, idea sharing, and teamwork among group members, while also promoting critical thinking and unique problem-solving approaches. By working on functional and impactful projects, participants address real-world challenges and gain valuable experience. Additionally, the hackathon offers opportunities to learn from industry experts, receive mentorship, and gain exposure to cutting-edge technologies and trends in software development.

HOD

PRINCIPAL



## TIMELINE

Registration Begins	24th April (10 PM)
Registration Closes	8th May (5 PM)
Short listing	8th May (12 PM)
Team Selection (Shortlisting/RSVP)	9th May
Hackathon Begins (Opening Ceremony)	11th May (8 AM)
Hackathon Concludes	12th May (11 AM)
Results	12th May (12PM)

**HACK\_24**  
**HACK\_24**

**Hac'K\_24**, The race begins..  
We brings the best ever  
24hrs software based  
Hackathon. Organizing by  
**Department of Computer  
Science and Engineering**  
KMEA Engineering College.

**Reg fee : ₹0**

CONDUCTING ON:  
**MAY**  
**11TH & 12TH**

Venue: KMEA Engineering College





DEPARTMENT OF  
COMPUTER SCIENCE  
AND ENGINEERING



# HCK 24

24 HOURS HACKATHON

EXPERIENCE THE FUTURE OF INNOVATION

Unleash Your Creativity: 24 Hours of Round-the-Clock  
Innovation, Collaboration, and Limitless Potential!

prize pool

35K

VENUE

Academic Block,  
KMEA ENGINEERING COLLEGE,  
ERNAKULAM

MAY  
11-12

contact:  
7736148610  
8589062939

2024

FREE HACKATHON











**INTERNAL QUALITY ASSURANCE CELL  
SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER  
TECHNICAL ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. BENAZIR K K

**Type of Activity:**

NATION WIDE EXTENSION ACTIVITY
--------------------------------

**Title of Activity:**

Department of Computer Science & Engineering Celebrating India's 76th Independence by Conducting a Series of National Level Awareness programme on Digital Literacy, AI & it's Emerging Trends
--

**Objectives:**

<b>To enlighten the theme of 76th celebration of India's Independence :</b> To make an insight into the theme of 76 th Independence of India “NATION FIRST ALWAYS FIRST”. It mainly focus to the IT professional students to remind their prime duties & responsibilities, to our Mother land and also to those Public who belong to non-technical background.
--

**Promote National-Level Digital Literacy:** The program seeks to promote digital literacy at a national level, enabling individuals to effectively utilize digital tools and technologies in their personal and professional lives. The program seeks to provide computer literacy to individuals from different backgrounds, including students, self-help groups, youth, tribes, and the general public.

**Empower Recent Advancements in digital world:** By providing insights into recent advancements in AI, the program intends to empower participants with the knowledge required to stay updated in an ever-evolving technological landscape.

**To reach grassroots levels:** By conducting classes in various districts in Kerala & other States of India, the program aims to reach communities at the grassroots level, ensuring that even remote areas have access to computer science education and emerging trends in technology.

**To encourage participation:** The program strives to encourage participation from local communities and diverse groups, fostering an inclusive learning environment.

**To gather feedback and improve:** The program aims to gather feedback from participants and continuously improve the sessions based on the received appreciation and suggestions.

**To collaborate with local government bodies:** The program aims to collaborate with local government representatives to gain support and encouragement, thereby enhancing its reach and impact.

**Offer Free Sessions on Computer Literacy:** The program seeks to eliminate barriers to learning by providing exclusive free offline & online sessions on computer literacy, ensuring that financial constraints do not hinder participation.

**Level of activity (College/Regional / National / International) and target audience**

NATIONAL LEVEL

Students, Self help groups like Kudumbasree, women, Youth, individuals from different backgrounds, tribes, and the general public.

**Expected outcome - academic / social / commercial**

ACADEMIC, SOCIAL, NATIONAL INTEGRATION

**Program details**

Date	Time	Activity	Venue	Infrastructural requirements and availability
29.08.2024 & 30.08.2024	10:00 am	The seventh session Awareness program conducted	Al-Manar HSS Edathala	Venue, LCD Projector, Laptop

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
Dr.Benazir K K	HoD&Associate Professor	KMEA Engg. College	Digital Literacy AI & it's emerging trends

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Address	Website	Contact person, designation, email	Roles in collaborating/participating	Financial commitment# in Rs.
KMEA Engg. College	KMEA Engg. College	<a href="http://www.kmeacollege.ac.in/">www.kmeacollege.ac.in/</a>	Dr Benazir KK Associate Professor bkk.cs@kmeacollege.ac.in	Programme Coordinator	Nil

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	NA	Request given to AI

				Foundation India
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row				
<b>Total</b>				

### Details of Coordinators

	Coordinator 1
Name	Dr Benazir KK
Exact designation	Associate Professor
Department	Computer Science & Engg., KMEA
Cell number	9447660880
Email	bkk.cs@kmeacollege.ac.in
Signature	

### Report of the Event:

The Seventh Session Nation Level programme organized by the department of Computer Science & Engineering, KMEA Engineering College was inaugurated by Principal, Al-Manar HSS, on 29/08/2024 and 30/08/2024, at Al-Manar Higher Secondary School, Edathala. Representatives from different classes, higher secondary students & teachers were also present. The session included the following topics for the specific target groups.

- Security of mobile phones, laptops, and other electronic devices.
- How to use apps from the Govt. of Kerala for citizen benefits
- Digital banking apps and their security, do's and don'ts of digital banking
- Social media etiquette
- Safety of email accounts, FB and other social media accounts

Introduction to Artificial Intelligence, It's history, Types of AI, Pros & Cons of AI, Applications of AI, Social relevance & benefits of AI.

The entire programme received very good feedback from the participants. They expressed their willingness to cooperate with similar upcoming programmes of KMEA Engineering College.



C.H. MOHAMMED KOYA  
**KMEA ENGINEERING CO**

**INTERNAL QUALITY ASSURANCE CELL**



<b>Name of the club/Department</b>	ELECTRONICS AND COMMUNICATION
<b>Staff in charge</b>	AMRUTHA P R

**Type of Activity:**  
Hands-on-session

**Title of Activity:**  
Project Expo

**Objective:**  
To familiarize first semester students about the project concepts of final year students.

**Level of activity (College/Regional / National / International) and target audience**  
College level

**Expected outcome - academic / social / commercial**

- commercial

**Program details**

<b>Date</b>	<b>Time</b>	<b>Activity</b>	<b>Venue</b>
09/08/2024	3 PM-4.30 PM	Workshop	Project lab

**Resource Person Details :**

<b>Date</b>	<b>Name</b>	<b>Designation</b>	<b>Remuneration</b>
-------------	-------------	--------------------	---------------------

09/08/2024	Seventh semester students		
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## **REPORT**

The Workshop was conducted at 3 pm on 09/08/2024 by the Electronics & Communication Engineering Department. The session was handled by seventh semester students EC department. The first semester students of EC department were the audience. 20 students actively participated in the session. The session includes the projects of final year students and its working. The expo was truly a motivational session for newly joined students.

Add Poster and photos.



C.H. MOHAMMED KOYA  
**KMEA ENGINEERING COLLEGE**  
ESTD - 1997 APPROVED BY AICTE AFFILIATED TO KTU  
Accredited by NAAC & NBA (ME,CE,EEE,EC,CSE)

# PROJECT EXPO



**ELECTRONICS AND COMMUNICATION  
DEPARTMENT**



**Project and Simulation Lab**

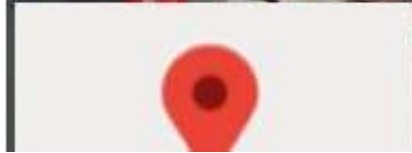


**August 9th , 2024**



**3:00 PM - 4:30 PM**





null, Kerala, India  
393H+8QQ, Mochamkulam, Kuzhivelippady,





Ernakulam, Kerala, India



Ernakulam, Kerala, India



**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	<b>Department of Electrical &amp; Electronics Engineering</b>
<b>Name of the Head of the Department</b>	Dr. Reena Sebastian

**Type of Activity:**  
**Five Day WORKSHOP**

---

**Title of Activity :**  
**Five Day Workshop on JAVA for Innovators: Empowering your startup journey**

---

**Objective :**

Add rows as required

The primary objective of the workshop was to equip participants with the skills and knowledge necessary to effectively utilize Java in building robust and scalable applications. The workshop aimed to empower entrepreneurs by providing them with the technical expertise needed to turn their innovative ideas into reality.

---

Add rows as req

**Level of activity ( College/Regional / National / International ) and target audience**

College

---

### Expected outcome - academic / social / commercial

1. Understand and articulate the basic principles of software architecture.
2. Identify different architectural styles (Monolithic, Microservices, Layered, Event-Driven) and their use cases.
3. Participants will gain a solid understanding of Java programming, including both fundamental concepts and advanced topics relevant to their startup needs. They should be able to write efficient, maintainable, and scalable Java code.
4. Participants will build connections with other innovators, mentors, and industry experts, fostering a community of practice that can provide support, advice, and potential partnerships..
5. Design and develop Java applications that effectively use OOP principles.
6. By learning best practices, tools, and frameworks, attendees will improve their development workflows, resulting in faster and more efficient project execution.

### Programme Details

Date	Time	Activity	Venue	Infrastructural requirements and availability
18/03/2024-22/03/2024	9:30am to 12:30 pm	Talk session	Programming lab	ARCHON Solutions
	1:30am to 4:30 pm	Practical session		

### Resource Person Details :

Name	Designation	Organization	Area of Expertise
Ms.Arathi & Ms.Veena	Software Developer s	ARCHON Solutions	JAVA,PYTHON

### Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person ,	Roles in	Financial
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			designation, email	collaborating/participating	commitment <sup>#</sup> in Rs.
NA					-----

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	1300 per student		--	
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>	79300			

### Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Raji T R	Neenu B
Exact designation	Assistant Professor	Assistant Professor
Department	EEE	EEE
Cell number	6282174446	9567479101
Email	rtr.ee@kmeacollege.ac.in	nub.ee@kmeacollege.ac.in
Signature		

### Report of the Event:

Archon Solutions conducted a comprehensive five-day workshop on Java Mastery, covering fundamental and advanced topics essential for proficient Java programming and full-stack development from 18-03-2024 to 22-03-2024 in programming lab. The workshop was structured to provide both theoretical knowledge and practical experience, with two expert faculty members leading the sessions. The workshop was divided into two main sessions each day: **Forenoon Session (Theory):** Led by one faculty member focusing on theoretical concepts. **Afternoon Session (Practical):** The workshop concluded with a feedback session, where participants shared their experiences and takeaways. Many highlighted the practical approach of the workshop, noting that the hands-on sessions and expert guidance were

particularly beneficial. Participants expressed increased confidence in their ability to use Java to develop their startup ideas and appreciated the opportunity to connect with peers and mentors.

Overall, the workshop was a resounding success, achieving its goal of empowering innovators with the technical skills and knowledge necessary to advance their startup journeys. The organizers hope that the participants will continue to build on what they learned and bring their innovative ideas to life using Java.

**\*NB: Attach the following documents:**

1. **Registration Form - Sample**
2. **List of participants(attendance sheet with Signature)**
3. **2 Event photo (Covering Resource Person& Screen, Audience) with Date**
4. **Poster/ Brochure**
5. **Certificate - Sample**
6. **Feedback Form - Sample**
7. **Collected feedback ( Should keep it in Department and produce whenever instructed)**
8. **2 Minutes Video (Should keep it in Department and produce whenever instructed)**

**HOD**

**PRINCIPAL**



C.H. MOHAMMED KOYA  
**KMEA ENGINEERING COLLEGE**  
APPROVED BY AICTE AFFILIATED TO KTU

**INTERNAL QUALITY ASSURANCE CELL  
SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL  
ACTIVITIES**

<b>Name of the Department</b>	ELECTRONICS AND COMMUNICATION ENGINEERING
<b>Name of the Head of the Department</b>	Dr. SHAHIN M ABDULLA

**Type of Activity:**

**WORKSHOP**

**Title of Activity:**

"EMBEDDED SYSTEM WITH PCB DESIGN"

Add rows as required

**Objective:**

To familiarize sixth semester students on the EMBEDDED SYSTEM WITH PCB DESIGN with projects.

Add rows as required

**Level of activity (College/Regional / National / International) and target audience**

College Level, Sixth Semester ECE Students

Add rows as required

**Project Impact -Expected outcome - academic / social / commercial**

Students became aware of the PCB designing projects.

Add rows as required

**Programme details**

Date	Time	Activity	Venue	Infrastructural requirements and availability
26/02/2024-1/3/2024	10 am – 4.30 pm	Workshop	Systems Lab, ECE	Desktop Computers, Arduino Board, Bluetooth module etc.)

Add rows as required

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
Sinro robotics Pvt Ltd		Dept. of ECE, KMEA Engineering College	ARDUINO PROGRAMMING AND PCB DESIGNING

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	nil			
Stationery, printing,	na			
Travel, Stay and DA	na			
Other (please write each heading in each row)	na			



<b>Total</b>	nil			
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Add rows as required.  
Max assistance 3 Lakhs

**Details of Coordinators**

	Coordinator
Name	AMRUTHA P R
Exact designation	Assistant Professor
Department	Electronics & Communication Engineering
Cell number	9562892155
Email	apr.ec@kmeacollege.ac.in
Signature	

**Report of the Event: ( Minimum 500 Words )**

The Workshop was conducted at 10 am to 4.30 pm on 26/02/2024 to 1/3/24 by the Electronics & Communication Engineering Department. The session was coordinated and conducted by Ms. AMRUTHA P R (Assistant Professor) of Electronics & Communication Engineering Department. The sixth semester students of EC department were the audience. 31 students actively participated in the session. The resource person gave clear insight into the fundamentals of Arduino and its programming. The session included projects of arduino fundamentals and PCB design.

**HOD**

**PRINCIPAL**



C.H.MOHAMMED KOYA  
**KMEA ENGINEERING COLLEGE**  
Approved by AICTE Affiliated to APJ Abdul Kalam Technological University  
EDATHALA PO, COCHIN, KERALA, INDIA 683561



# Department of Electronics and Communication Engineering

Presents

## Add on course on Embedded system with PCB design

By

**Sinro Robotics pvt Ltd**

26 February - 1 March 2024

**VENUE : SYSTEMS LAB      TIME :10AM TO 4.30PM**









C. H. MOHAMMED KOYA  
**KMEA ENGINEERING COLLEGE**  
APPROVED BY AICTE AFFILIATED TO KTU

**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER**  
**TECHNICAL ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. REKHA LAKSHMANAN

**Type of Activity:**

**NATION WIDE EXTENSION ACTIVITY**

**Title of Activity:**

**Department of Computer Science & Engineering Celebrating India's 76th Independence by Conducting a Series of National Level Awareness programme on Digital Literacy, AI & it's Emerging Trends**

**Objectives:**

**To enlighten the theme of 76th celebration of India's Independence :** To make an insight into the theme of 76 th Independence of India “NATION FIRST ALWAYS FIRST”. It mainly focus to the IT professional students to remind their prime duties & responsibilities, to our Mother land and also to those Public who belong to non-technical background.

**Promote National-Level Digital Literacy:** The program seeks to promote digital literacy at a national level, enabling individuals to effectively utilize digital tools and technologies in their personal and professional lives. The program seeks to provide computer literacy to individuals from different backgrounds, including students, self-help groups, youth, tribes, and the general public.

**Empower Recent Advancements in digital world:** By providing insights into recent advancements in AI, the program intends to empower participants with the knowledge required to stay updated in an ever-evolving technological landscape.

**To reach grassroots levels:** By conducting classes in various districts in Kerala & other States of India, the program aims to reach communities at the grassroots level, ensuring that even remote areas have access to computer science education and emerging trends in technology.

**To encourage participation:** The program strives to encourage participation from local communities and diverse groups, fostering an inclusive learning environment.

**To gather feedback and improve:** The program aims to gather feedback from participants and continuously improve the sessions based on the received appreciation and suggestions.

**To collaborate with local government bodies:** The program aims to collaborate with local government representatives to gain support and encouragement, thereby enhancing its reach and impact.

**Offer Free Sessions on Computer Literacy:** The program seeks to eliminate barriers to learning by providing exclusive free offline & online sessions on computer literacy, ensuring that financial constraints do not hinder participation.

**Level of activity (College/Regional / National / International) and target audience**

NATIONAL LEVEL

Students, Self help groups like Kudumbasree, women, Youth, individuals from different backgrounds, tribes, and the general public.

**Expected outcome - academic / social / commercial**

ACADEMIC, SOCIAL, NATIONAL INTEGRATION

## Program details

Date	Time	Activity	Venue	Infrastructural requirements and availability
12.09.2023	10:00 am	The fourth session Awareness program conducted for Higher secondary school students nearby KMEA institutions	KMEA ALMANAR HSS ,Kuzhivelippadi,Edathala	Venue, LCD Projector, Laptop

## Resource Person Details:

Name	Designation	Organization	Area of Expertise
Miss Afla Nazrin	Student,S5 Btech,Computer Science & Engineering	KMEA Engg. College	Digital Literacy AI & it's emerging trends

## Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.

Name	Address	Website	Contact person, designation, email	Roles in collaborating/participating	Financial commitment# in Rs.
KMEA Engg. College	KMEA Engg. College,	<a href="http://www.kmeacollege.ac.in/">www.kmeacollege.ac.in/</a>	Dr Benazir KK Associate Professor bkk.cs@kmeacollege.ac.in	Programme Coordinator	Nil

## Budget Estimates

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Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	NA	Request given to AI Foundation India
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>				

### Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Dr Benazir KK	Mrs. Shyni Shajahan
Exact designation	Associate Professor	Assistant Professor
Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number	9447660880	8848273401
Email	bkk.cs@kmeacollege.ac.in	
Signature		

### Report of the Event:

Day 4. The fourth session Nation Level programme organized by the department of Computer Science & Engineering , KMEA Engineering College was inaugurated by Mrs Ambily Principal, Al Manar HSS, on 12/09/2023, at Conference Hall KMEA Engineering College . Representatives from different classes, higher secondary students & teachers were also present. The day 4 awareness programme was conducted for the nearby HSS school students ,teachers & non teaching staff. Smt Selin M ,HOD, Computer Science & Engineering delivered welcome speech. Smt Liji Jose ,Assistant Professor , delivered vote of thanks. The session included the following topics for the specific target groups.

- Security of mobile phones, laptops, and other electronic devices.
- How to use apps from the Govt. of Kerala for citizen benefits
- Digital banking apps and their security, do's and don'ts of digital banking
- Social media etiquette



- Safety of email accounts, FB and other social media accounts

Introduction to Artificial Intelligence, It's history, Types of AI, Pros & Cons of AI, Applications of AI, Social relevance & benefits of AI.

The entire programme received very good feedback from the participants. They expressed their willingness to cooperate with similar upcoming programmes of KMEA Engineering College.

**HOD**

**PRINCIPAL**



# KMEA ENGINEERING COLLEGE

Edathala P.O, Ernakulam - 683561

NAAC Accredited Institute | Approved by AICTE | Affiliated to KTU



## Department of Computer Science and Engineering

*Celebrating India's 76<sup>th</sup> Independence*

### "NATIONAL LEVEL SERIES OF AWARENESS PROGRAMME ON DIGITAL LITERACY, AI & IT'S EMERGING TRENDS"

**"NATION FIRST ALWAYS FIRST"**

Venue: KMEA AL-MANAR Higher Secondary School

12<sup>th</sup> Sept 2023

@ 10:00 AM

**Speaker : Miss.Afla Nazrin (S5, BTech)**



**AI FOUNDATION TRUST**

TOWARDS EXCELLENCE AND INNOVATION



Free Online and Offline Sessions



**ATUL BANKING**  
**64**  
Govt. of India



**N-S-D-C**  
National  
Self Development  
Corporation



**INSTITUTION'S  
INNOVATION  
COUNCIL**  
(Ministry of Education, India)





EDULLAHAJI AHAMED SAIT  
KHA IL-MANR HIGHER SECOND

GPS Map Camera

Ernakulam, Kerala, India  
302J+PF2, Edappally - Pukkattupady Rd, opp. to Salafi Juma Masjid,  
Mochamkulam, Kuzhivelppady, Kerala 682021, India  
Lat 10.052011°  
Long 76.380916°  
12/09/23 10:06 AM GMT +05:30

Google



C.H. MOHAMMED KOYA

**KMEA ENGINEERING COLLEGE**

APPROVED BY AICTE

AFFILIATED TO KTU



EVENT: Expert talk on Process of Innovation  
Development, TRL

### Event Details

Date	Time	Mode
16/01/2024	9:30 AM	offline

### Faculty in charge

Name	Designation
<b>Dr Sangeetha C P</b>	<b>IIC coordinator</b>

## **Objective:**

This session ensures a comprehensive understanding of product development and technology readiness level.

## **Report of the event:**

A session on Process of Innovation development and Technology readiness level was organized by IIC KMEA on 16 January 2024 at 9.30AM. The eminent speaker was Mr Christin T Joseph. He is a highly qualified professional, holds a BTech in Mechatronics Engineering and an MTech in Machine Design from Anna University. Additionally, he is a Chartered Engineer recognized by the Institution of Engineers India. Transitioning to industry, he served as a Technical Advisor at Vismaya Amusement Park in Kannur, demonstrating his broad expertise. Later, as the Technical Director at R&D BlackBear Automations Pvt Ltd in Coimbatore, Christin spearheaded the development of over 250 industrial projects across various sectors in India. He shared his experience in product development like cow dung machine, sorting machines etc. The session ended up at 12.30PM with a vote of thanks by DR Sangeetha C P. 31 faculty from various departments participated in the event.



C. H. MOHAMMED KOYA

**KMEA ENGINEERING COLLEGE**

Approved by AICTE

Affiliated to MG University & KTU



**Talk on Process of Innovation Development,  
Technology Readiness level(TRL)**

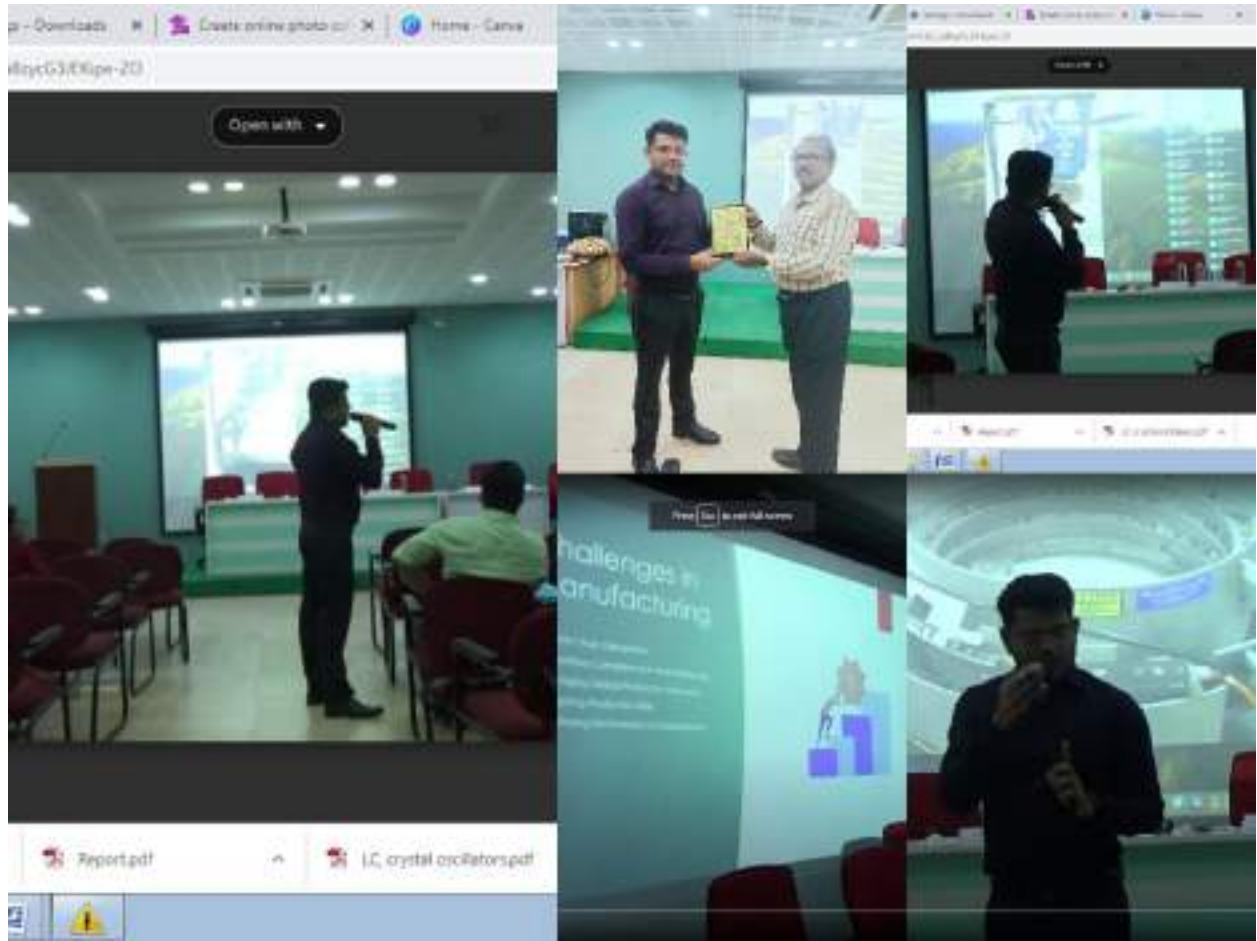


**16 JANUARY 2024  
10AM TO 9.30 AM  
CONFERENCE HALL**

**MR. CHRISTIN T JOSEPH**

**CO-FOUNDER & DIRECTOR**

**BLACKBEAR AUTOMATIONS PVT LTD**







C.H. MOHAMMED KOYA

**KMEA ENGINEERING COLLEGE**

APPROVED BY AICTE

AFFILIATED TO KTU

### INTERNAL QUALITY ASSURANCE CELL



<b>Name of the club/Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Staff in charge</b>	Mrs.LIJA JOY

**Type of Activity:**

Hands-on-session

**Title of Activity:**

Industrial visit

**Objective:**

The visit aims to provide insight into the tea cultivation and manufacturing process, including production techniques and quality control measures. Students will learn about the history and evolution of the tea industry in Munnar, as well as the various tea varieties produced in the region. The visit will also provide opportunities for interaction with industry professionals, skill development, and exploration of potential career opportunities in the tea industry.

**Level of activity (College/Regional / National / International) and target audience** College level

**Expected outcome - academic / social / commercial**

- commercial

**Program details**

Date	Time	Activity	Venue
04-05-2024	11 AM-2 PM	Industrial Visit	Munnar Ripple Tea Factory

**Resource Person Details :**

Date	Name	Designation	Remuneration
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**KMEA Engineering college**

**Department of Computer Science  
and Engineering**

# **INDUSTRIAL VISIT REPORT**

**At Ripple Tea Factory**

**On 04-05-2024**

## **INTRODUCTION**

The S2 students of the Computer Science department embarked on a comprehensive industrial visit and tour, aimed at bridging the gap between academia and industry. This report highlights the visit's objectives, outcomes, and experiences.

## **OBJECTIVE**

The objective of the industrial visit was to learn about quality control measures and standards in tea production and to observe and understand the application of technology in tea processing.

## **ABOUT ARCHON RIPPLE TEA FACTORY**

The factory is situated in the heart of Munnar, amidst lush green tea gardens. Ripple Tea Factory produces high-quality tea using traditional methods and modern technology.<sup>3</sup> The factory manufactures various tea varieties, including Black, Green, and White tea.

## **OUTCOMES**

During the visit, students engaged in interactive sessions with industry experts, gaining a deeper understanding of the practical applications of theoretical concepts. Key outcomes included:

- . Practical knowledge: Students gain hands-on experience and practical knowledge of tea production processes.
- . Understanding of operations: Visitors understand the day-to-day operations of a tea factory.
- .Insight into industry challenges: Students learn about the challenges faced by the tea industry, such as quality control and sustainability.

## **CONCLUSION**

The industrial visit to the tea factory was a valuable and enriching experience, providing us with a comprehensive understanding of the tea production process, from leaf selection to packaging. We gained practical knowledge, insight into industry challenges, and appreciation for the skill and effort involved in tea production. The visit reinforced theoretical concepts, developed our skills, and created awareness of career opportunities in the tea industry. We are grateful for the opportunity to interact with industry professionals and witness the fusion of tradition and technology in tea production. This visit has inspired us to pursue careers in the tea industry and has left a lasting impression on our minds.







### INTERNAL QUALITY ASSURANCE CELL



<b>Name of the club/Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Staff in charge</b>	Mrs. MUNSHIDHA K K

**Type of Activity:**

Hands-on-session

**Title of Activity:**

Industrial visit

**Objective:**

The visit aims to provide insight into the tea cultivation and manufacturing process, including production techniques and quality control measures. Students will learn about the history and evolution of the tea industry in Munnar, as well as the various tea varieties produced in the region. The visit will also provide opportunities for interaction with industry professionals, skill development, and exploration of potential career opportunities in the tea industry.

**Level of activity (College/Regional / National / International) and target audience** College level

**Expected outcome - academic / social / commercial**

- commercial

**Program details**

Date	Time	Activity	Venue
04-05-2024	11 AM-2 PM	Industrial Visit	Munnar Ripple Tea Factory

**Resource Person Details :**

Date	Name	Designation	Remuneration
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**KMEA Engineering college**

**Department of Computer Science  
and Engineering**

# **INDUSTRIAL VISIT REPORT**

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**On 04-05-2024**

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# IV REPORT

S2 CSE

— 04/05/24 —

AS A PART OF OUR B.TECH CURRICULUM OUR COLLEGE ORGANIZED AN INDUSTRIAL VISIT TO MUNNAR ON 04/05/24 WE DEPARTED FROM OUR COLLEGE AT 6:00AM.OUR FIRST AIM WAS TO VISIT MUNNAR TEA FACTORY.THE VISIT AIMED TO PROVIDE US WITH INSIGHTS INTO THE MANUFACTURING PROCESS OF TEA, FROM THE RAW LEAF STAGE TO THE FINAL PRODUCT.ALSO THE OBJECTIVE OF THE VISIT WAS TO UNDERSTAND THE INTRICACIES OF TEA PRODUCTION AND TO OBSERVE THE OPERATIONS OF A TEA MANUFACTURING UNIT IN ONE OF INDIA'S MOST FAMOUS TEA-GROWING REGIONS.WE REACHED TEA FACTORY AT. 10:AM. AFTER WE ENTERED INTO TEA FACTORY WE HAD A INTERACTION SESSION WITH THE FACTORY STAFF,THEY GIVE A OVER VIEW OF TEA MANUFACTURING PROCESS. WE SPENT ABOUT 3 TO 4 HOURS THERE.

AFTER THAT WE WENT TO MATTUPPETTY DAM & KUNDALA DAM.THE VISIT TO MATTUPPETTY DAM HIGHLIGHTED THE IMPORTANCE OF DAMS IN HYDROELECTRIC POWER GENERATION, WATER RESOURCE MANAGEMENT, AND THEIR CONTRIBUTION TO LOCAL DEVELOPMENT. THE INTEGRATION OF THESE FUNCTIONS WITHIN A SINGLE INFRASTRUCTURE PROJECT WAS PARTICULARLY ENLIGHTENING.

ON OUR VISIT TO KUNDALA DAM, WE EXPLORED ITS ENGINEERING FEATURES, OPERATIONAL FUNCTIONS, AND ITS IMPACT ON THE LOCAL ENVIRONMENT AND COMMUNITY. THE DAM, SITUATED IN MUNNAR, SERVES PRIMARILY FOR IRRIGATION AND WATER CONSERVATION, PLAYING A CRUCIAL ROLE IN SUPPORTING LOCAL AGRICULTURE AND REGULATING WATER LEVELS.

THE VISITS TO KUNDALA DAM AND MATTUPETTY DAM OFFERED VALUABLE INSIGHTS INTO THE ENGINEERING FEATS INVOLVED IN WATER RESOURCE MANAGEMENT AND HYDROELECTRIC POWER GENERATION. THESE STRUCTURES NOT ONLY PLAY A VITAL ROLE IN SUPPORTING THE LOCAL COMMUNITY'S WATER NEEDS AND AGRICULTURAL ACTIVITIES BUT ALSO CONTRIBUTE SIGNIFICANTLY TO SUSTAINABLE ENERGY PRODUCTION. OBSERVING THE DAMS IN PERSON HIGHLIGHTED THE IMPORTANCE OF INNOVATIVE ENGINEERING IN HARMONIZING INFRASTRUCTURE DEVELOPMENT WITH ENVIRONMENTAL CONSERVATION.

IN CONCLUSION, THIS INDUSTRIAL VISIT PROVIDED US WITH A COMPREHENSIVE VIEW OF HOW NATURAL RESOURCES ARE HARNESSSED AND MANAGED FOR ENERGY PRODUCTION AND HOW AGRICULTURAL PRODUCTS LIKE TEA ARE PROCESSED FOR CONSUMPTION. THE KNOWLEDGE AND EXPERIENCES GAINED DURING THIS VISIT WILL UNDOUBTEDLY ENRICH OUR ACADEMIC AND PROFESSIONAL ENDEAVORS, REINFORCING THE IMPORTANCE OF SUSTAINABLE PRACTICES IN BOTH ENGINEERING AND INDUSTRY.







C.H. MOHAMMED KOYA

**KMEA ENGINEERING COLLEGE**

APPROVED BY AICTE

AFFILIATED TO KTU

### INTERNAL QUALITY ASSURANCE CELL



<b>Name of the club/Department</b>	ELECTRONICS AND COMMUNICATION
<b>Staff in charge</b>	AMRUTHA P R

**Type of Activity:**

Hands-on-session

**Title of Activity:**

Familiarisation of SPICE

**Objective:**

To familiarize third semester students with LTSPICE.

**Level of activity (College/Regional / National / International) and target audience**

College level

**Expected outcome - academic / social / commercial**

- academic

**Program details**

Date	Time	Activity	Venue
19/10/2023	1.30pm-2.30pm	Hands on workshop	Systems lab

**Resource Person Details :**

Date	Name	Designation	Remuneration
------	------	-------------	--------------

19/10/2023	Ms.Shikha U S	Asst. Professor	Nil
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## **REPORT**

Add Poster and photos.

The hands-on session was conducted at 1.30 pm on 19/10/2023 by the Electronics & Communication Engineering Department. The session was coordinated and handled by Ms. Shikha U S (Assistant Professor) of Electronics & Communication Engineering Department. The fifth semester students of EC department were the audience. 31 students actively participated in the workshop. The resource person gave clear insight into the fundamentals of integrated circuit simulation. The session included the basic rectifier circuits and some network theory problems.





C.H.Mohammed Koya  
**KMEA Engineering College**

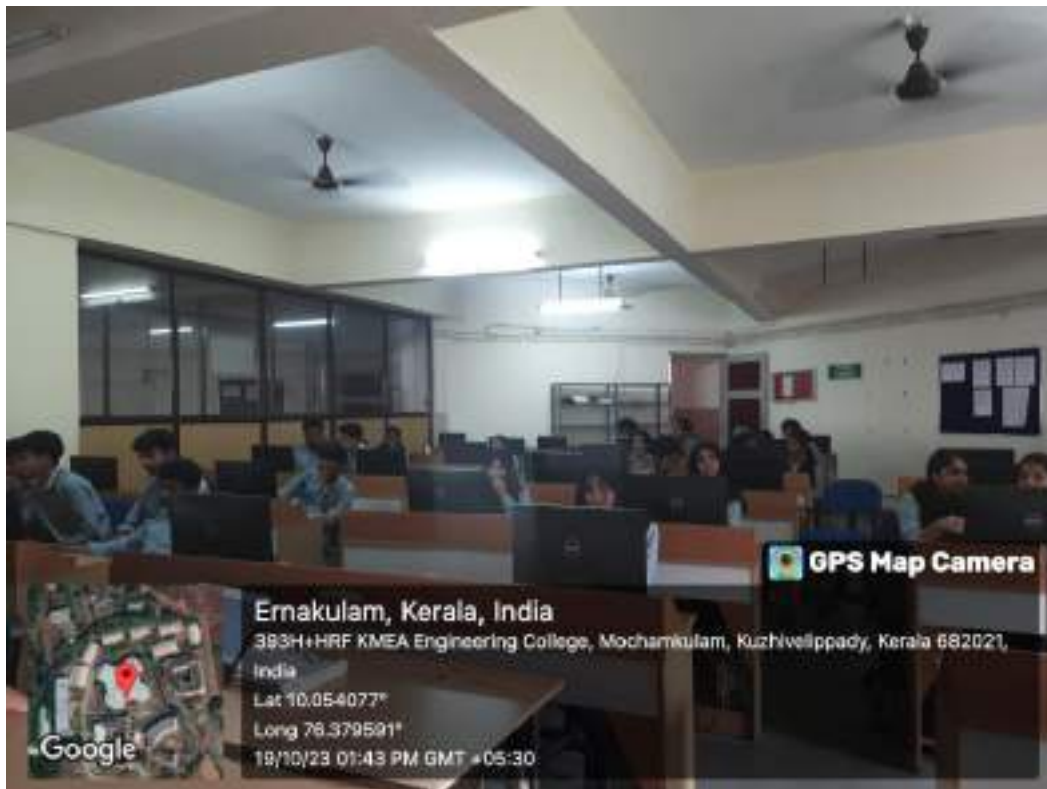
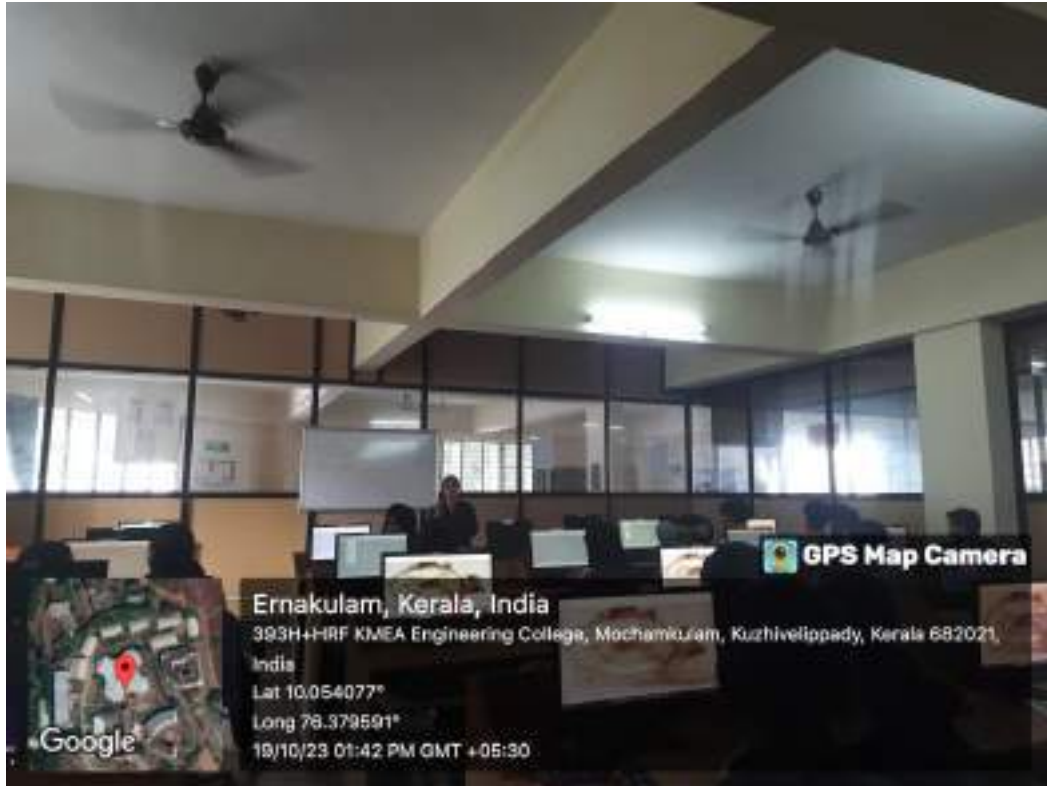
**DEPT. OF ELECTRONICS &  
COMMUNICATION ENGINEERING**

**HANDS-ON  
WORKSHOP ON**

**Familiarisation  
of SPICE**

**RESOURCE PERSON: SHIKHA U S  
ASSISTANT PROFESSOR, ECE, KMEA  
ENGINEERING COLLEGE  
OCT 19, 1:30 PM TO 2:30 PM  
VENUE: SYSTEMS LAB, ECE**









C.H. MOHAMMED KOYA

**KMEA ENGINEERING COLLEGE**

APPROVED BY AICTE

AFFILIATED TO KTU

### INTERNAL QUALITY ASSURANCE CELL



<b>Name of the club/Department</b>	ELECTRONICS AND COMMUNICATION
<b>Staff in charge</b>	AMRUTHA P R

**Type of Activity:**

Hands-on-session

**Title of Activity:**

Industrial visit

**Objective:**

To familiarize seventh semester students with virtual reality

**Level of activity (College/Regional / National / International) and target audience**

College level

**Expected outcome - academic / social / commercial**

- commercial

**Program details**

Date	Time	Activity	Venue
12/07/2024	3 PM-5 PM	Industrial Visit	Tech maghi

**Resource Person Details :**

Date	Name	Designation	Remuneration
------	------	-------------	--------------

12/07/2024	Tech Maghi		3000
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**REPORT**

Add Poster and photos.

# INDUSTRIAL VISIT TO TECH MAGHI



JULY  
12



3 PM

S7 ECE



INSTITUTE  
OF INNOVATION  
AND CREATIVITY

(Ministry of Education)





**KMEA Engineering college**

**Department of electronics and  
communication engineering**

# **INDUSTRIAL VISIT REPORT**

At Tech maghi

On 12-07-2025



# Introduction

Our academic curriculum organized an industrial visit to Tech Maghi Company located within the KINFRA Industrial Park in Kalamasserry on the 20th of June, 2023. The factory visit offered our group of students valuable real-world insights into complex manufacturing operations and cutting-edge production technologies employed at a modern industrial facility.

## Objectives

The primary goals for touring Tech Maghi's manufacturing plant were multifold: to comprehensively observe their operational processes in action, to witness industrial technologies practically applied in an authentic workplace setting, to gain a deeper understanding of their quality control and production mechanisms ensuring consistency, and to explore both the difficulties and solutions inherent to managing an industrial manufacturing environment.

## About Tech maghi company...

Tech Maghi has cemented itself as a prominent manufacturer through leveraging innovative solutions. Their factory utilizes automated and digital systems to efficiently produce a wide array of precision components serving diverse industries. Adapting to evolving needs, Tech Maghi continuously improves processes to uphold global quality standards.

## Activities during the visit

The introduction outlined Tech Maghi's colorful history from humble beginnings to market dominance, with an optimistic vision for continued innovation. Students were invited to explore diverse divisions including production, quality assurance, and R&D through informative presentations and self-guided tours.

Upon arrival, a meticulous orientation emphasized safety protocols to protect curious minds amid complex machinery. Production's intricate orchestration of raw materials, robotics, and human synergy generating meticulously engineered products was awe-inspiring. Quality control's dedication to fastidious standards before distribution ensured reliability. Meanwhile, the research department's creative problem-solving fueled promising prospects that could transform technologies and lives.

Interacting with dedicated employees across functions cultivated appreciation for cooperation underlying Tech Maghi's success. Students left energized by innovative spirit and commitment to quality permeating the organization, keen to apply valuable lessons from this illuminating experience in their own pursuits of excellence.

## Learning outcomes

The visit to Tech Maghi Company was highly illuminating, imparting several thought-provoking learnings. We gained nuanced comprehension of how intricate industrial workflows seamlessly interconnect, achieving proficient output. The tour exhibited modernization's application, such as automated mechanisms, robotic assistants, and engineered interfaces streamlining manufacturing,

highlighting technology's transformation. Emphasis on flawlessness and consistency underscored maintaining exceptional standards in craftsmanship to satisfy clients. Tech Maghi's dedication to sustainable construction, lessening environmental impact, provided perspective on industries adapting to ecological crises through diligence and innovation.

## Conclusion

The industrial visit to Tech Maghi Company was a valuable experience that provided a real-world perspective on the functioning of a modern manufacturing facility. The knowledge gained from this visit will be instrumental in our academic and professional growth. We extend our sincere thanks to the management and staff of Tech Maghi Company for their hospitality and for providing us with this opportunity to learn.





null, Kerala, India

36, HMT Colony, North Kalamassery, Kalamassery, Kochi,

Long 76.354173°

Lat 10.055773°

12/7/2024 05:13 PM

GPS Map Camera

Google

# INTERNAL QUALITY ASSURANCE CELL

## SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL ACTIVITIES

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. BENAZIR K K

**Type of Activity:**

<b>SEMINAR</b>
----------------

**Title of Activity:**

<b>TECH STARTUP CONNECT</b>
-----------------------------

**Objectives:**

<ol style="list-style-type: none"><li>1. Define what IT encompasses, including software, hardware, and networking.</li><li>2. Discuss current trends in IT such as cloud computing, AI/ML, cybersecurity, and big data.</li><li>3. Highlight statistics and projections for growth and employment in IT.</li><li>4. Artificial Intelligence and Machine Learning: Explain how AI/ML is transforming various industries and what skills are in demand.</li><li>5. Discuss the importance of cybersecurity and the growing need for professionals in this field.</li><li>6. Overview of cloud services (AWS, Azure, Google Cloud) and their impact on business operations.</li><li>7. Introduce blockchain technology and its potential applications beyond cryptocurrency.</li><li>8. Outline various roles such as software developer, data scientist, network administrator, IT consultant, and project manager.</li><li>9. Discuss relevant certifications (e.g., AWS Certified Solutions Architect, CompTIA Security+) and additional educational resources.</li><li>10. Opportunities for tech entrepreneurs, startup ecosystems, and innovation hubs.</li><li>11. How technology is creating new business opportunities and disrupting traditional industries.</li><li>12. How to stay current with technological advancements and industry shifts.</li><li>13. Emphasize the importance of continuous education and skills upgrading.</li></ol>
---

14. Allow students to ask questions and discuss topics of interest.

**Level of activity (College/Regional / National / International) and target audience**

COLLEGE LEVEL  
Students

**Expected outcome - academic / social / commercial**

ACADEMIC & COMMERCIAL

**Program details:**

Date	Time	Activity	Venue	Infrastructural requirements and availability
12-07-2024	10 am	Technical Talk on IT Opportunities	Conference Hall	Smart Board

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
Pranshu Mahajan	Faculty	IIIT Kotayam	

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Addresses	Website	Contact person, designation, email	Roles in collaborating/ Participating	Financial commitment in Rs.
					Nil

<b>Budget Estimates</b>		
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Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	NA	Request given to AI Foundation India
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>				

#### Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Mrs. Abeera V.P.	Mrs. Vidya Hari
Exact designation	Assistant Professor	Assistant Professor
Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number	9656587703	9447625552
Email	<a href="mailto:avp.cs@kmeacollege.ac.in">avp.cs@kmeacollege.ac.in</a>	<a href="mailto:vdh.it@kmeacollege.ac.in">vdh.it@kmeacollege.ac.in</a>
Signature		

#### Report of the Event:

The recent technical talk provided a comprehensive overview of the vast opportunities within the IT industry for B.Tech students. We began by examining the broad scope of IT, including its key areas of software, hardware, and networking. Current industry trends were highlighted, with a focus on cloud computing, artificial intelligence, cybersecurity, and big data, illustrating the sector's rapid growth and evolving nature. The talk delved into emerging technologies such as AI/ML, cybersecurity advancements, cloud services, and blockchain, emphasizing their transformative impact and the skills required for each.

The discussion then transitioned to career opportunities within IT, outlining various roles like software developers, data scientists, and network administrators, and detailing the essential skills and qualifications needed for these positions. Practical advice was provided on gaining experience through internships, networking, and personal branding. We also covered the importance of soft skills, problem-solving, and continuous learning in building a successful IT career.

Additionally, the talk explored entrepreneurship and innovation within the tech sector, showcasing opportunities for tech-driven business ventures. The session concluded with a presentation of resources for further education, career counseling options, and an interactive Q&A segment, which addressed students'

specific interests and queries. Overall, the talk equipped students with valuable insights and guidance for navigating their future careers in IT.

**HOD**

**PRINCIPAL**





## INTERNAL QUALITY ASSURANCE CELL

### SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL ACTIVITIES

<b>Name of the Department</b>	CIVIL ENGINEERING
<b>Name of the Head of the Department</b>	Dr. SIJA ARUN

**Type of Activity:**

TEP Cell Event

**Title of Activity :**

**Technical Talk on “General Introduction to Building Information Modelling”**

Add rows as required

**Objective :**

The primary objective of the activity was to provide participants with a comprehensive understanding of Building Information Modelling (BIM), its applications in the construction industry, and its potential to enhance project efficiency and collaboration.

Add rows as required

**Level of activity ( College/Regional / National / International ) and target audience**

College Level Activity- S7 students

Add rows as required

**Expected outcome - academic / social / commercial**

- Participants should have gained a clear and comprehensive understanding of what BIM is, its principles, and how it differs from traditional construction methodologies.

Add rows as required



**Programme details**

Date	Time	Activity	Venue	Infrastructural requirements and availability
02/11/23	11.30 – 12.35 PM	Technical Talk on “General Introduction to Building Information Modelling”	Seminar Hall, D-Block	Facilities available in seminar hall

Add rows as required

**Resource Person Details :**

Name	Designation	Organization	Area of Expertise
Er. Syed Nazif	Managing Director	Ace India Training and Services PVT LTD	Structural Engineer

Add rows as required

**Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.**

Name	Address	Website	Contact person , designation, email	Roles in collaborating /participating	Financial commitment# in Rs.
Ace India Training and Services PVT LTD,	xxvl / 69 , L-1, kuttoth complex, opposite reliance fresh, pookkattupady road, Toll junction, Edapally P O, Kochi, India	<a href="https://theaceindia.com/">https://theaceindia.com/</a>	Syed Nazif, Managing Director, contact@acecoco hin.com	Resource Person	nil

<sup>5</sup>Mention role of Industry/organisation.

Add rows as required..

#Attach copy of letters received from participating industry showing intent / financial commitment etc.

Budget Estimates		

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing,				
Travel, Stay and DA				
Other(please write each heading in each row				
<b>Total</b>				<b>NIL</b>

**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Rajeena K K	
Exact designation	Assistant Professor	
Department	Civil Engineering	
Cell number	9895579190	
Email	rkk.ce@kmeacollege.ac.in	
Signature		

**Report of the Event: (Minimum 500 Words)**

The program started at 11.00 am with a prayer. The welcome speech was delivered by Dr. Sija Arun., Head of the Department, Civil Engineering. Then the session was handed over to the speaker Mr.Syed Nazif ,Managing Director of ACE India Pvt Ltd. The activity on the general introduction to Building Information Modelling (BIM) proved to be a success in achieving its objectives. Participants gained a solid understanding of the fundamentals of BIM, its applications, and the potential benefits it offers to the construction industry. Session ended at 12.15 pm and two of our students, Asma Hafeem and Muhammed Rafi , had given feedback note for the session. The vote of thanks was

delivered by Asst. Prof. Rajeena K K and the program ended at 12.35 pm. Almost all the final year students and a few staff of the department had joined the session.

**\*NB: Attached the following documents:**

- 1. Poster**
- 2. Screenshots of the event.**
- 3. Attendance sheet**

**HOD**

**PRINCIPAL**





C.H. MOHAMMED KOYA  
**KMEA Engineering College**  
(Approved by AICTE & APJ Abdul Kalam Technological University)



**INSTITUTION'S  
INNOVATION  
COUNCIL**

## **DEPARTMENT OF CIVIL ENGINEERING IN ASSOCIATION WITH TEP CELL**

### **Technical Talk on "Introduction to Building Information Modelling"**

**Date: November 2, 2023**  
**Time: 11.00 am- 12.35 pm**  
**Venue: Seminar Hall- D block**

**Resource Person:**  
**Er. Syed Nazif**  
**Managing Director**  
**ACE India Training &  
Services PVT LTD**





**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	<b>Department of Electrical &amp; Electronics Engineering</b>
<b>Name of the Head of the Department</b>	Dr. Reena Sebastian

**Type of Activity:**

**ONE DAY WORKSHOP-outreach program**

---

**Title of Activity :**

**" Explore the world of AI make yourself for innovative ideas and startups**

---

**Objective :**

*Add rows as required*

The objective of the workshop was to provide school students with a foundational understanding of AI, stimulate their creativity, and encourage them to consider how AI can be utilized in the development of innovative ideas and potential startup ventures.

---

*Add rows as required*

**Level of activity ( College/Regional / National / International ) and target audience**

College level

---

**Expected outcome - academic / social / commercial**

- Students will gain a foundational knowledge of AI concepts, including an understanding of how AI is applied across various industries.
  - Participants will be able to identify and explain basic AI technologies and their potential uses in real-world scenarios.
  - The workshop will inspire students to think creatively about how AI can be used to solve problems and address societal needs.
  - Students will develop innovative ideas that leverage AI, demonstrating their ability to think critically and creatively.
- 

### Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
21/06/2024	9:30pm to 4:30 pm	Talk session	Conference hall	

### Resource Person Details :

Name	Designation	Organization	Area of Expertise
Mr.Binno M Joseph	Management consultant & Executive coach	Bengaluru	AI

### Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Roles in collaborating/participating	Financial commitment# in Rs.
NA					-----

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers			--	
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>				

### Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Neenu B	Nimmy Charles
Exact designation	Assistant Professor	Assistant Professor
Department	EEE	EEE
Cell number	9567479101	9567479101
Email	nub.ee@kmeacollege.ac.in	ncs.ee@kmeacollege.ac.in
Signature		

### Report of the Event: (Minimum 500 Words)

Throughout the workshop, several interactive activities and group discussions were conducted to engage the students. These activities were designed to enhance their understanding of AI and encourage collaboration and critical thinking.

The workshop concluded with a feedback session, where students shared their experiences and what they learned. Many expressed their excitement about the potential of AI and their newfound interest in exploring AI further. The event was well-received by both students and facilitators, with many students expressing a desire to participate in similar workshops in the future.

The event successfully achieved its goal of inspiring young minds to explore the world of AI and think creatively about how they can contribute to future innovations. The organizers hope that this workshop will be a stepping stone for these students to pursue their interests in AI and entrepreneurship.



**\*NB: Attach the following documents:**

1. **Registration Form - Sample**
2. **List of participants(attendance sheet with Signature)**
3. **2 Event photo (Covering Resource Person& Screen, Audience) with Date**
4. **Poster/ Brochure**
5. **Certificate - Sample**
6. **Feedback Form - Sample**
7. **Collected feedback ( Should keep it in Department and produce whenever instructed)**
8. **2 Minutes Video (Should keep it in Department and produce whenever instructed)**

**HOD**

**PRINCIPAL**



C.H. MOHAMMED KOYA  
**KMEA ENGINEERING COLLEGE**  
APPROVED BY AICTE AFFILIATED TO KTU

## INTERNAL QUALITY ASSURANCE CELL

### SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL ACTIVITIES



<b>Name of the Department</b>	ELECTRONICS AND COMMUNICATION ENGINEERING
<b>Name of the Head of the Department</b>	Dr. SHAHIN M ABDULLA

**Type of Activity:**

**WORKSHOP**

**Title of Activity:**

"VLSI design using open source tools"

Add rows as required

**Objective:**

To familiarize eighth semester students on the VLSI design using open source tools with projects.

Add rows as required

**Level of activity (College/Regional / National / International) and target audience**

College Level, Sixth Semester ECE Students

Add rows as required

**Project Impact -Expected outcome - academic / social / commercial**

Students became aware of the VLSI designing.

Add rows as required

**Programme details**

Date	Time	Activity	Venue	Infrastructural requirements and availability
30/04/2024	10 am – 4.30 pm	Workshop	Systems Lab, ECE	Desktop Computers

Add rows as required

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
Dr. Arun A V	Asst. Professor, MITS	Dept. of ECE, KMEA Engineering College	VLSI design using open source tools

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	nil			
Stationery, printing,	na			

Travel, Stay and DA	na			
Other (please write each heading in each row)	na			
<b>Total</b>	nil			

Add rows as required.  
Max assistance 3 Lakhs

### Details of Coordinators

	Coordinator
Name	AMRUTHA P R
Exact designation	Assistant Professor
Department	Electronics & Communication Engineering
Cell number	9562892155
Email	apr.ec@kmeacollege.ac.in
Signature	

### Report of the Event: ( Minimum 500 Words )

The Workshop was conducted at 10 am to 4.30 pm on 30/04/24 by the Electronics & Communication Engineering Department. The session was coordinated and conducted by Ms. AMRUTHA P R (Assistant Professor) of Electronics & Communication Engineering Department. The eighth semester students of EC department were the audience. 34 students actively participated in the session. The resource person gave clear insight into the fundamentals of VLSI design using open source tools.

**HOD**

**PRINCIPAL**



The poster features a dark blue background with a large circular inset on the right showing a glowing blue circuit board with various components like capacitors and a central chip. At the top left, there is a logo of a stylized circuit board with the text "ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT" below it. The main title "WORKSHOP VLSI DESIGN USING OPEN SOURCE TOOLS" is prominently displayed in white. Below the title, the date "Tuesday, 30 April 2024" is shown with a calendar icon. The speaker information "Speaker :Dr. ARUN A V Assistant Professor, MITS" is listed. At the bottom, there are logos for "KMEA IEEE STUDENT BRANCH" and "INSTITUTION'S INNOVATION COUNCIL".

ELECTRONICS & COMMUNICATION  
ENGINEERING DEPARTMENT

**WORKSHOP**  
**VLSI DESIGN USING OPEN**  
**SOURCE TOOLS**

Tuesday,  
30 April 2024

Speaker :Dr. ARUN A V  
Assistant Professor, MITS

**KMEA**  
IEEE STUDENT BRANCH

**INSTITUTION'S**  
**INNOVATION**  
**COUNCIL**  
UNIVERSITY OF APPLIED SCIENCES





# INTERNAL QUALITY ASSURANCE CELL

## SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL ACTIVITIES

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. BENAZIR K K

**Type of Activity:**

**TECHNICAL TALK**

**Title of Activity:**

**NETWORK PROGRAMMING AND INNOVATION MASTERY- VODAFONE CERTIFIED (VOIS)**

**Objectives:**

1. Understand threat landscape: Familiarize participants with the current cyber threat landscape, including types of attacks, vulnerabilities, and risks.
2. Cybersecurity fundamentals: Cover essential cybersecurity concepts, such as network security, cryptography, and incident response.
3. Security controls and measures: Discuss various security controls, including firewalls, access control, and encryption, and their implementation.
4. Risk assessment and management: Teach participants how to identify, assess, and mitigate cyber risks.
5. Cybersecurity best practices: Share industry-recognized best practices for cybersecurity, including security frameworks and standards.
6. Networking and collaboration: Facilitate networking among participants and encourage collaboration to address cybersecurity challenges.
7. Staying updated with industry trends: Update participants on the latest cybersecurity trends, technologies, and innovations.

8. Apply cybersecurity knowledge: Enable participants to apply their knowledge to real-world scenarios, ensuring they can protect themselves and their organizations from cyber threats.

**Level of activity (College/Regional / National / International) and target audience**

COLLEGE LEVEL

Students

**Expected outcome - academic / social / commercial**

ACADEMIC & COMMERCIAL

**Program details:**

Date	Time	Activity	Venue	Infrastructural requirements and availability
26-07-2024	10 am	Technical Talk on Network Programming and Cyber Security	Online	Labs and Mobile phones

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Addresses	Website	Contact person, designation, email	Roles in collaborating/ Participating	Financial commitment in Rs.
					Nil



<b>Budget Estimates</b>		
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Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>				

**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Mrs. Abeera V.P.	Mrs. Vidya Hari
Exact designation	Assistant Professor	Assistant Professor
Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number	9656587703	9447625552
Email	<a href="mailto:avp.cs@kmeacollege.ac.in">avp.cs@kmeacollege.ac.in</a>	<a href="mailto:vdh.it@kmeacollege.ac.in">vdh.it@kmeacollege.ac.in</a>
Signature		

**Report of the Event:**

The VOIS (Vodafone Idea Foundation) certification program's technical session on Cybersecurity aimed to equip participants with a comprehensive understanding of the subject. The session began by familiarizing participants with the current cyber threat landscape in networks, covering essential concepts, and discussing various security controls and measures. Participants learned about risk assessment and management, industry-recognized best practices, and received hands-on training with cybersecurity tools and simulations. The session also prepared participants for VOIS certification exams and other industry-recognized certifications. Additionally, it provided a platform for networking and collaboration, ensuring participants stayed updated with the latest industry trends and innovations. By the end of the session, participants were able to apply their knowledge to real-world scenarios, enabling them to protect themselves and their organizations from cyber threats. Overall, the technical session successfully achieved its objectives, empowering participants with the knowledge and skills necessary to excel in the field of cybersecurity.

**HOD**

**PRINCIPAL**



C.H. MOHAMMED KOYA  
**KMEA Engineering College**  
 Approved By AICTE  
 Affiliated to KTU  
 Accredited By NAAC & NBA (ME, CE, EEE, EC, CSE)



# NETWORK PROGRAMMING AND INNOVATION MASTERY (NPIM) - VODAFONE CERTIFIED

Conducted By-  
 Edunet Foundation,  
 Gurgaon



26TH JULY 2024  
**WEDNESDAY**



ATAL RANKING  
**64**  
 MoE, GOVT OF INDIA  
 MoE, Govt. of India



N-S-D-C  
 National  
 Skill Development  
 Corporation



INSTITUTION'S  
 INNOVATION  
 COUNCIL  
Office of Education & Innovation

10:27

80%

\_VOIS technical session on ...  
23:38 193 attendees



Notifications (3)



Maria Joy ...



Ilakkiya M



Megha Goja



Maria Joy







**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	<b>Department of Electrical &amp; Electronics Engineering</b>
<b>Name of the Head of the Department</b>	Dr. Reena Sebastian

**Type of Activity:**

**Webinar**

**Title of Activity :**

**" Designing the future: Innovative power electronics in Renewable Energy"**

*Add rows as required*

**Objective :**

The webinar titled "Designing the Future: Innovative Power Electronics in Renewable Energy" was conducted to explore cutting-edge advancements in power electronics and their application in renewable energy systems. The event aimed to provide participants with insights into the latest technologies and innovations driving the future of sustainable energy solutions.

*Add rows as required*

**Level of activity ( College/Regional / National / International ) and target audience**

College level

### Expected outcome - academic / social / commercial

- Present the latest advancements in power electronics relevant to renewable energy.
- Discuss the role of power electronics in enhancing the efficiency and effectiveness of renewable energy systems.
- Share case studies and practical applications demonstrating the impact of innovative power electronics.

Facilitate knowledge exchange among professionals, researchers, and industry experts in the field of renewable energy.

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### Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
1/08/2024	7:30pm to 8:30 pm	Quiz session	ONLINE	

### Resource Person Details :

Name	Designation	Organization	Area of Expertise
Mohammed Jaseem	Asst. Professor	Department of EEE, Indira Gandhi college	Power electronics

### Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Roles in collaborating/participating	Financial commitment# in Rs.
NA					-----

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers			--	
Stationery, printing,				
Travel, Stay and DA				
Other(please write each heading in each row				
<b>Total</b>				

### Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Neenu B	Nimmy Charles
Exact designation	Assistant Professor	Assistant Professor
Department	EEE	EEE
Cell number	9567479101	9567479101
Email	nub.ee@kmeacollege.ac.in	ncs.ee@kmeacollege.ac.in
Signature		

### Report of the Event: (Minimum 500 Words)

The talk session started at 7.30pm with 97 participants on 1<sup>th</sup> AUG 2024 AS ONLINE . After the welcome speech Ms.Neenu B session started with a discussion on the key aspects of the event. The webinar "Designing the Future: Innovative Power Electronics in Renewable Energy" successfully met its objectives by providing a comprehensive overview of current advancements and future trends in power electronics. The event facilitated meaningful knowledge exchange and highlighted the importance of innovation in driving the future of renewable energy. Based on feedback and observations, the following recommendations are suggested for future webinars:

- Include more interactive elements, such as live polls or breakout sessions, to increase participant engagement.
- Extend the Q&A session to allow more time for in-depth discussions.

**\*NB: Attach the following documents:**

1. **Registration Form - Sample**
2. **List of participants(attendance sheet with Signature)**
3. **2 Event photo (Covering Resource Person& Screen, Audience) with Date**
4. **Poster/ Brochure**
5. **Certificate - Sample**
6. **Feedback Form - Sample**
7. **Collected feedback ( Should keep it in Department and produce whenever instructed)**
8. **2 Minutes Video (Should keep it in Department and produce whenever instructed)**

**HOD**

**PRINCIPAL**





C.H. MOHAMMED KOYA

**KMEA ENGINEERING COLLEGE**

APPROVED BY AICTE

AFFILIATED TO KTU

**INTERNAL QUALITY ASSURANCE CELL**



<b>Name of the club/Department</b>	Electronics and communication department
<b>Staff in charge</b>	Mr Binish M.C

**Type of Activity:**

Idea Pitching

**Title of Activity:**

YUKTI 2.0 Innovation Challenge

**Objective:**

Foster a culture of innovation and entrepreneurship

**Level of activity (College/Regional / National / International) and target audience**

National

**Expected outcome - academic / social / commercial**

- Commercial

**Program details**

<b>Date</b>	<b>Time</b>	<b>Activity</b>	<b>Venue</b>
15/03/24	10:00 am	YUKTI Innovation challenge	Google meet

### Resource Person Details:

Date	Name	Designation	Remuneration
15/03/24	Mubeena Mirshad	S6 ECE	
	Muhammed Arshaq	S6 ECE	

### REPORT

Mubeena Mirshad and Muhammed Arshaq, 3<sup>rd</sup> year BTech Electronics and Communication students at KMEA Engineering College, have advanced to the final stage of the YUKTI 2.0 Innovation Challenge. This prestigious event, organized by the Ministry of Education's Innovation Cell (MIC), aims to foster innovative solutions and entrepreneurial mindsets among students across the country. The challenge provides a platform for young innovators to showcase their talents and contribute to the nation's progress through cutting-edge ideas and solutions.

Mubeena and Arshaq submitted their innovative project proposal, which was meticulously reviewed by a panel of experts. After passing the initial screening, they were invited to present their project at the Institution's Innovation Council (IIC) regional meet held at Cochin University of Science and Technology (CUSAT). Their presentation stood out among numerous entries, showcasing their technical skills and creative problem-solving abilities.





# **Internation conference report 2023-24**

**REPORT ON INTERNATIONAL CONFERENCE 22/02/2024 & 23/02/2024**



## Inaugurated by Professor Partha Prathim Das

Plenary address by Partha Prathim Das  
on Artificial Intelligence and Future Prospects

Prof. Dr. Zakiah Ahmad from Malaysia, Prof. Dr. Saif Al Saidi from Muscat, Dr. Sreenath from IIT Tirupathi attended inaugural ceremony  
Nearly 250 participants attended Plenary talk

### Report of ICACCESS

**Total Keynote in ICACCES - 4**

**Total paper presented - 56**

#### **Day 1**

Under ICACCES first keynote address done by **Dr M S Manikandan, Professor, IIT Palakkad** on topic "**IoT and AI based smart event monitoring and application ,concepts recent trends and future direction**". After lunch break, second keynote address done by **Dr Reshmi R, Professor, Amritha Viswavidhyapeetham, Coimbatore** on topic "**Sustainability in action for green initiative**". After the second keynote 8 track presentation of ECE department conducted. Out of 8, 6 presentations were offline and 2 were online. This session was chaired by Dr. Prathibha Varghese (Associate Professor SNGCE)

#### **Day 2**

Program started with third keynote address by **Dr Anishin Raj, Associate Professor, MITS** on topic "**Features of Advanced Java in an industrial perception**". After keynote talk, track presentation of ECE department started. Out of 8 presentation, 6 presentations were online and 2 were offline. This session was chaired by Dr. Manju Bhaskar( Vice Principal of MGM College of Engineering & Technology) and Dr. Mohammed Ameen (National University of Singapore). After lunch break, Keynote address done by **Dr Sreenath Sukumaran, Postdoctoral Researcher, Tallinn University of Technology, Estonia** on the topic "**Advancements in global energy landscape**".

## **Report of ICTACME**

**Total Keynote in ICTACME - 4**

**Total paper presented - 63**

The first event was a keynote speech by Prof. Zakiah Ahmad, former Professor and Dean, Universiti Teknologi MARA, Malaysia on the timber construction and its bonding. It was an eye opening session which gave an insight into the use of timber as a sustainable construction material.

The next keynote speech was delivered by Dr. Ajeesh SS, professor, NIT Calicut on the use and design of cold formed steel sections as a faster construction technique.

Later track 1 presentations were conducted, which was chaired by Dr. Ajeesh SS, NIT Calicut, Dr. Sija Arun, HOD-KMEA engineering College, Dr. Bijesh Paul, Former Dean, KMEA Engineering College and Dr. Leera Raju, HOD, mechanical dept, KMEA Engineering College. 11 papers from civil and mechanical engineering were presented as part of track 1

## **Report on ICIHSR**

**Total Keynote in ICIHSR - 3**

**Total paper presented - 20**

**Under water robotics Competition- 6 teams participated**

### **Day 1**

The International Conference on Intelligence Hardware Software Robotics (ICIHSR), started with a keynote address by Dr Thagarajan R, Professor IIT Tirupati, on the topic, Underwater Robotics Design and Control. Dr. Sangeetha CP, HOD RA, invited the speaker with a brief bio. This session mainly talked about underwater robotics, its design challenges and the speaker's experience developing the bellow design for the underwater robot's movement. The second keynote was on Fundamentals and Advancements in Safety and Fire Engineering, taken by Dr V R Renjith, Professor SoE CUSAT. The speaker was invited by the HOD of the Safety and Fire Engineering Department, Mr Rijul M. The speaker's intention to promote safety in different sites was conveyed to the participants through an interactive session. The session was followed by Track 1 presentations with 8 papers in interdisciplinary domains such as Robotics, IoTs and Safety and Fire Engineering, with 3 online and 5 offline presentations. Dr Thyagarajan R and Dr V R Renjith chaired this session, and the chairs were honoured by Dr. Partha Partim Das, professor IIT Kharagpur.

## Day2

Day 2 started with a keynote session by Dr Muhammed Saif Al-Saidi, professor at University of Technology and Applied Sciences Oman, on the topic, Product Design and TRL Levels. Mr. Sunil Paul, the visiting professor of Robotics and Automation, introduced the speaker. It was a great talk motivated by the speaker's personal experience on a project funded by the Oman Government. This keynote was followed by Track 2 presentations in which 5 students' papers with innovative ideas were presented. This session was chaired by Mr Vasudev S Mallan, Dr Thyagarajan R and Dr Muhammed Saif Al-Saidi. Finally, this session ended by honouring the session chairs. The afternoon session started with the underwater robot competition ROV Navigation Skills with Blue ROV-2, with 12 teams, 6 members each. It was a fruitful event, with all the participants getting practical experience in robot navigation.

### Panel Discussion

Panel discussion on the topic

**“Innovation and Disruption: Engineer's Role in Shaping the Future”** was moderated by Prof. Dr . P. Sojanlal, Dean, ASIET,

The panel discussed emerging technologies such as artificial intelligence, biotechnology, renewable energy, and advanced materials, and how engineers are pushing the boundaries of what's possible. The discussion could explore the challenges and opportunities of disruptive technologies, the role of interdisciplinary collaboration in fostering innovation, and the ethical considerations surrounding technological advancements. Additionally, panelists could share insights on how engineers can navigate rapidly evolving landscapes to create positive impacts and shape a sustainable future.







# **Placement Report 2023-24**



C.H. MOHAMMED KOYA

**KMEA ENGINEERING COLLEGE**  
APPROVED BY AICTE

AFFILIATED TO KTU

Edathala, Aluva, Kochi

## Career Guidance and Placement Unit (CGPU)

### Placement Drive Report: "Trainee Sub-Engineer Role - Paradigm IT Private Limited"

Date: June 5th, 2024

Venue: KMEA Engineering College, PSTA BLOCK

Organizer: KMEA Engineering College, Placement Department

#### Objective:

The placement drive aimed to provide an opportunity for students to secure the position of Trainee Sub-Engineer at Paradigm IT Private Limited. The event facilitated the interaction between the company's representatives and the aspiring candidates, assessing their suitability for the role through registration, a pre-placement talk, and a technical test.

#### Event Overview:

- 1. Registration (1:00 PM - 1:45 PM):**
  - All 42 registered candidates arrived promptly and completed the registration process efficiently.
  - Each candidate was provided with a unique identification number for seamless organization during subsequent activities.
- 2. Pre-placement Talk (1:45 PM - 2:15 PM):**
  - The HR representative from Paradigm IT Private Limited, Mr. Bijo Joseph, delivered an insightful pre-placement talk.



- The talk provided valuable information about the company's culture, expectations from prospective employees, growth opportunities, and the specific requirements of the Trainee Sub-Engineer role.
- Candidates actively engaged in the session, asking pertinent questions to gain clarity on various aspects of the company and the role.

### 3. Technical Test (2:30 PM - 4:30 PM):

- Following the pre-placement talk, candidates proceeded to undertake the technical test.
- The test comprised of sections covering fundamental concepts, problem-solving skills, and technical knowledge relevant to the Trainee Sub-Engineer role.
- Candidates demonstrated their proficiency and understanding in various domains, showcasing their suitability for the position.

#### **Attendance and Participation:**

Attendance was excellent, with all 42 registered candidates present throughout the event. Of these, 3 were M.Tech students, 31 were B.Tech students, and the remaining candidates were from the Diploma program. Each candidate actively participated in the pre-placement talk and approached the technical test with enthusiasm and focus.

#### **Observations and Feedback:**

Overall, the placement drive was conducted smoothly, with efficient coordination from both the college and company representatives. The candidates appeared well-prepared and enthusiastic about the opportunity. Feedback from the candidates regarding the organization and content of the event was positive, indicating a high level of satisfaction.

#### **Conclusion:**

The placement drive for the Trainee Sub-Engineer role with Paradigm IT Private Limited was a success, providing a platform for students to showcase their skills and potential. We extend our gratitude to Mr. Bijo Joseph and the company representatives for their participation and engagement throughout the event.



C.H. MOHAMMED KOYA  
**KMEA Engineering College**  
Approved by AICTE  
Accredited By NAAC & NBA (ME, CE, EEE, EC, CSE)



# PLACEMENT DRIVE-2024

5-Jun,2024; KMEA Engineering College

Final Year Graduate  
and Post Graduate Civil  
Engineering Student can Attend

paradigm KERALA KNOWLEDGE ECONOMY MISSION

Scan For Registration





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## Career Guidance and Placement Unit (CGPU)

### Report on Campus Placement Orientation Session - PET - Pre Final Years

Event Name: Let's Crack Campus Placement

Date: 30th April 2024

Time: 10:30 AM

Location: KMEA Engineering College

#### Event Summary

The orientation session, "Let's Crack Campus Placement," was successfully conducted at KMEA Engineering College on 30th April 2024. The session started at 10:30 AM with an introduction by the placement cell, followed by presentations from the esteemed speakers, Arun Chandran and Anoop A.

Arun Chandran, CEO and Founder of Trycle, shared his extensive experience in the startup ecosystem and emphasized the expectations of companies from fresh graduates. He discussed the qualities that make a candidate stand out in the hiring process, especially highlighting the importance of problem-solving skills and adaptability.

Anoop A, Head of Partnership and Customer Success at Trycle, focused on the critical skill gaps that exist between academia and industry requirements. He provided valuable insights on how students can bridge these gaps through continuous learning and practical experience. Anoop also elaborated on the different types of companies that participate in campus placements and the opportunities they offer.

The session included an interactive segment where students could ask questions and receive personalized advice from the speakers. This engagement was highly appreciated by the attendees, as it provided clarity on various aspects of the placement process.

The event concluded with a summary of key takeaways and a vote of thanks by the placement cell. The session was instrumental in preparing students for the upcoming campus placement drives, equipping them with the necessary knowledge and strategies to succeed.

#### **Feedback:**

The feedback from the attendees was overwhelmingly positive. Students found the session highly informative and motivational, with many expressing increased confidence in their ability to secure placements.

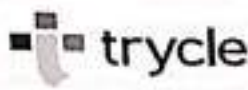
#### **Conclusion:**

The "Let's Crack Campus Placement" orientation session was a resounding success, fulfilling its objective of enhancing the placement readiness of KMEA Engineering College students. The collaboration with Trycle and KKEM added significant value to the program, and the insights provided by the speakers will undoubtedly benefit the students in their career journeys.





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**KERALA  
 KNOWLEDGE  
 ECONOMY MISSION**

*Orientation Session*

**LET'S CRACK**

**CAMPUS PLACEMENT**

**PLACEMENT ENHANCEMENT TRAINING**

Attend our exclusive campus placement orientation session led by Arun Chandran, CEO and Founder of Trycle and Anoop A Head Partnership and Customer Success Trycle, with 15 Years of product-based startup experience & expertise in hiring from prestigious Institute like IITs and NITs.

**SPEAKERS**



**Arun Chandran**  
 CEO & Founder Trycle



**Anoop A**  
 Head Partnership and Customer Success Trycle

**Highlights**

- Expectation from a fresher
- Skill Gap
- Type of Companies
- Companies and Package in Campus Placement



**30 April 2024**  
**Time:10.30 AM**

**Placement Cell, KMEA Engineering College**





Ernakulam, Kerala, India  
393H+8QQ, Mochamkulam, Kuzhivalippady, Kerala 683561, India  
Lat 10.053233°  
Long 76.379357°  
30/04/24 10:40 AM GMT +05:30



Ernakulam, Kerala, India  
393H+8QQ, Mochamkulam, Kuzhivalippady, Kerala 683561, India  
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## Career Guidance and Placement Unit (CGPU)

### Software Developer Intern Job Role Assessment Report - JOBIN & JISMI

**Date:** April 15, 2024

**Location:** CCF LAB - Green Block, KMEA Engineering College

**Time:** 10:00 AM

**Introduction:** The Software Developer Intern job role assessment drive conducted by Jobin and Jismi at KMEA Engineering College aimed to evaluate candidates' proficiency and suitability for intern positions in software development. The assessment primarily focused on technical skills, problem-solving abilities, and communication skills.

#### **Assessment Structure:**

1. **Technical Test:** A written test assessing candidates' knowledge in programming languages, algorithms, data structures, and software development concepts.

#### **Observations:**

1. **Technical Proficiency:** The majority of candidates demonstrated a sound understanding of programming languages such as C, C++, Java, or Python. They were able to solve algorithmic problems, implement data structures, and understand basic software development concepts.

#### **Recommendations:**

1. **Technical Training:** Candidates who demonstrated weaker technical skills may benefit from additional training in programming languages, algorithms, and data structures.

Providing resources or workshops to strengthen foundational knowledge could enhance their preparedness for software development roles.

**Conclusion:** The Software Developer Intern job role assessment at KMEA Engineering College provided valuable insights into candidates' technical proficiency, problem-solving skills, and communication abilities. By addressing areas of improvement highlighted in this report, Jobin and Jismi can effectively groom aspiring software developers and prepare them for successful internships and future careers in the field.





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## Career Guidance and Placement Unit (CGPU)

### Campus Drive Report: Software Engineer Position - Electrifax Technologies Pvt. Ltd

**Date:** March 25, 2024

**Time:** 9:00 AM

**Venue:** KMEA Engineering College

#### **Objective:**

The campus recruitment drive organized by the Placement Cell of KMEA Engineering College in collaboration with Electrifax Technologies Pvt. Ltd. was successfully conducted with the aim of providing students with opportunities for employment and professional growth.

#### **Summary of Activities:**

##### **1. Event Commencement:**

- The recruitment drive commenced punctually at 9:00 AM with an introductory session led by Mr. Aju Philip, the Placement Cell Officer, and representatives from Electrifax Technologies Pvt. Ltd.

##### **2. Recruitment Process:**

- Electrifax Technologies Pvt. Ltd. presented an overview of their organization, job opportunities, and selection criteria.
- Several rounds of assessments, including aptitude tests, technical interviews, and HR discussions, were conducted throughout the day to evaluate candidate suitability.
- Candidates actively participated, showcasing their skills and competencies to the recruiters.



### 3. Successes and Achievements:

- The recruitment drive witnessed a high level of student engagement and participation.
- Candidates demonstrated strong enthusiasm and competence during the assessments, impressing the recruiters.
- Electrifex Technologies Pvt. Ltd. expressed satisfaction with the quality of candidates and expressed interest in potential hires from the event.

### Conclusion:

The campus recruitment drive held on March 25, 2024, was a success, facilitating meaningful interactions between students and potential employers. The event not only provided students with valuable opportunities for employment but also enabled Electrifex Technologies Pvt. Ltd. to identify promising talent for their organization.





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## Career Guidance and Placement Unit (CGPU)

### Campus Drive Report: Junior Software Engineer Position - ETA TECHNOLOGY

Date: 26th February 2024

Venue: KMEA Engineering College

Organizer: Placement Office, KMEA Engineering College

#### **Objective:**

The campus drive aimed to provide an opportunity for the 2024 passing out batches of Electrical Engineering (EE), Electronics and Communication Engineering (EC), and Mechanical Engineering (ME) students to secure the position of Junior Software Engineer at ETA Technology Pvt. Ltd., Bangalore. The event facilitated the interaction between the company's representatives and the eligible candidates, allowing them to participate in a written test to assess their suitability for the role.

#### **Attendance and Participation:**

The campus drive saw active participation from eligible EE, EC, and ME students who met the requirements mentioned in the job description. A total of [number] students registered for the event, indicating a significant interest in the opportunity. Among the registered students, [number] were from EE, [number] from EC, and [number] from ME disciplines. Each candidate arrived on time and engaged in the written test with enthusiasm, showcasing their skills and capabilities.

#### **Test Overview:**

The written test, scheduled for 9:00 AM, comprised sections covering general aptitude and subjective questions relevant to the Junior Software Engineer role. The test aimed to evaluate candidates' programming aptitude, database knowledge, and front-end development skills, as per the requirements mentioned in the job description. Candidates approached the test with



focus and determination, demonstrating their understanding of core concepts and their ability to apply them effectively.

**Feedback:**

Feedback from the participants regarding the event organization and content was positive, indicating a high level of satisfaction. Candidates appreciated the opportunity provided by the campus drive and expressed gratitude for the platform to showcase their skills. They also commended the clear communication of information regarding the event and the job requirements, which enabled them to prepare adequately for the written test.

**Conclusion:**

The campus drive for the Junior Software Engineer position at ETA Technology Pvt. Ltd., Bangalore, provided a valuable opportunity for eligible students to explore employment prospects in the software industry. It served as a platform for candidates to demonstrate their potential and readiness for the role. We extend our appreciation to the company representatives for their participation and engagement throughout the event, contributing to its success.









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## Career Guidance and Placement Unit (CGPU)

### Mega Placement Drive Report: KMEA Engineering College in Association with KKEM

02 - MARCH - 2024

#### Inauguration Function:

The inauguration function of the placement drive was a grand event that commenced at 9:30 AM and continued until 7:30 PM. The schedule was as follows:

- 9:30 AM: Welcome speech by Dr. Reena Sebastian, Dean of Staff and Students Affairs, KMEA Engineering College.
- 9:35 AM: Presidential address delivered by Dr. Rekha Lakshmanan, Vice Principal of KMEA Engineering College, providing insight into the significance of the placement drive and its impact on students' careers.
- 9:45 AM: Inauguration ceremony presided over by Anoop P, Programme Manager of KKEM, symbolizing the official commencement of the placement drive.
- 9:55 AM: Felicitation of the event by Binesh George, Programme Manager of KKEM, acknowledging the collaborative efforts of KMEA Engineering College and KKEM in organizing the placement drive.



- 10:00 AM: Vote of thanks delivered by Aju Philip, Placement Officer of KMEA Engineering College, expressing gratitude to all participants, organizers, and sponsors for their contributions to the success of the event.

#### **Placement Drive Activities:**

Following the inauguration function, the placement drive encompassed a series of activities aimed at facilitating interactions between students and recruiters. These activities included:

- Company presentations
- Resume submissions
- Written tests
- Group discussions
- Technical interviews
- HR interviews
- Offer letter distributions

#### **Conclusion:**

The Mega Placement Drive organized by KMEA Engineering College in association with KKEM was a resounding success, providing students with a platform to explore diverse career opportunities and interact with leading companies in their respective fields. The event not only facilitated placements but also fostered industry-academia collaborations, contributing to the overall development and success of the students. The collective efforts of the organizing committee, participating companies, and sponsors were instrumental in making the placement drive a memorable and impactful event for all stakeholders involved.



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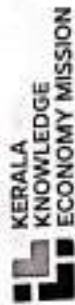
## **PLACEMENT DRIVE INAUGURATION FUNCTION**

### **PROGRAM SCHEDULE**

- 9.30 AM - Welcome speech - Dr Reena Sebastian (Dean – Staff and Students Affairs)
- 9.35 AM - Presidential address - Dr Rekha Lakshmanan (Vice Principal)
- 9.45 AM – Inauguration - Anoop P (Programme Manager, KKEM)
- 9.55 - Felicitation – Binesh George (Programme Manager, KKEM)
- 10.00 AM- Vote of thanks - Aju Philip (Placement Officer)



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**CONNECT  
 CAREER  
 TO CAMPUS**

**PLACEMENT  
 DRIVE**  
 SERIES - 13

**KMEA ENGINEERING COLLEGE, Ernakulam**

**2nd March 2024, Saturday**

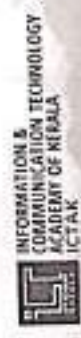
**08:30 AM - 03:30 PM**



Register / Login  
 DWMS Connect  
 to participate  
[https://  
 knowledgecommission.kerala.gov.in](https://knowledgecommission.kerala.gov.in)



DON'T MISS THE CHANCE  
**SHAPE YOUR  
 FUTURE!**



**CONNECT  
CAREER  
TO CAMPUS**

**PLACEMENT  
DRIVE  
SERIES: 13**

**DON'T MISS THIS  
CHANCE TO**

**SHAPE YOUR  
FUTURE!**

**KMEA Engineering College**  
Aluva, Ernakulam

**2024 MAR 02**  
**SATURDAY**  
08:30 AM - 03:30 PM

**Who Should Attend?**  
❖ Engineering & Polytechnic  
Final Year Students



Register / Login  
**DWMS Connect**  
to participate

<https://knowledgmission.kerala.gov.in/>

**#ConnectCareer2Campus**

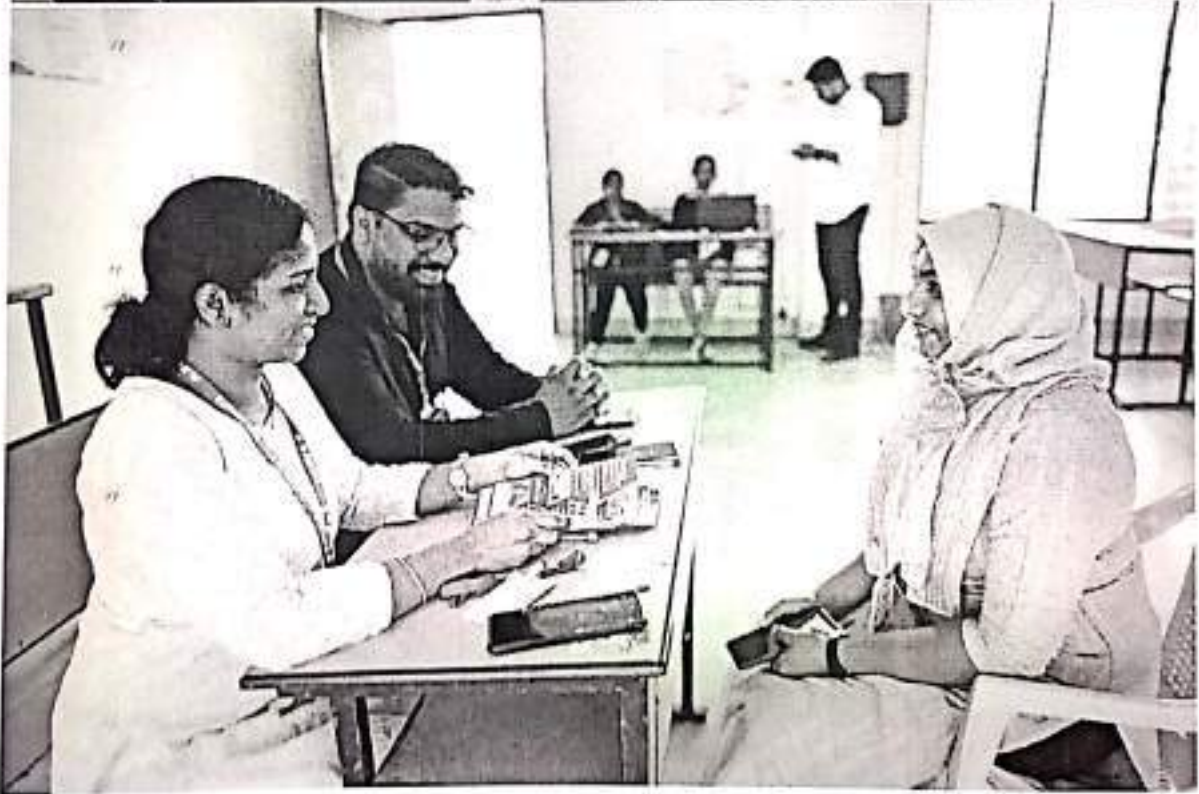


	A	B	C	D
1	Si No.	Company Name	Floor	Room No/Name
2		Food Court	1	C-209
3	1	Softronics	2	C-311
4	2	DGC Group	2	C-312
5	3	IBS	2	C-304
6	4	JB Interiors	2	C-305
7	5	Giza Empire	2	C-307
8	6	Esaf Bank	3	C-407
9	7	Future Leading Associates	3	C-408
10	8	Nippon Toyota	3	C-409
11	9	M Squared M21	3	C-402
12	10	Camino Info Tech	3	C-405
13	11	Sai Services	G	B-114
14	12	Kaynes Technology	G	B-103
15	13	Fortune	1	B-108
16	14	PSN construction Equipments	2	B-208
17	15	Ihits Technologies	2	B-214
18	16	Codeme Hub	2	B-309
19	17	Luminarch Builder	2	B-301
20	18	Classic HR	2	B-304
21	19	Expertzlab Technolo	1	B-205
22	20	SFO Technologies	1	B-201
23	21	Eurekka Forbes	1	B-203
24	22	Hykon India Ltd	1	B-217
25	23	Aabasoft Technologies		B-206
26	24	SMEC Technologies		B-206
27	25	GJ Global IT Ventures		B-206
28	26	Autobahn Trucking (Bharat Benz)		B-206
29	27	Wahy Lab Solutions		B-206
30	28	Intuisyz		B-206
31	29	Coligobrains Technology Solutions	Virtual Companies	B-206
32	30	Idatalytics		B-207
33	31	Gabriel India		B-207
34	32	Acodez IT solutions pvt ltd		B-207
35	33	D'Katia Software Technologies		B-207
36	34	Syama Dynamic IT Service		B-207
37	35	Kovenantz Technologes		B-207

Company Name		Time	Remarks
SMEC Technologies	virtual	2 PM	
Autobahn Trucking	virtual	12 PM – 2 PM	
Aabasoft Technologies	virtual	11 AM – 2 PM	
Syama Dynamic IT services Pvt Ltd	virtual	11 AM – 2 PM	
D'Katia Software Technologies Pvt Ltd	virtual	11 AM – 2 PM	
INTUISYZ TECHNOLOGIES PRIVATE LIMITED	virtual	11 AM – 2 PM	
Kovenantz Technologies India Pvt Ltd	virtual	1:30 PM – 2:30 PM	
Colligobrainz	virtual	2:30 PM	
GJ Global IT Ventures	virtual	11 AM – 2 PM	
Idatalytics	virtual	10 AM – 12 PM	
Acodez IT Solutions Pvt Ltd	virtual	11 AM – 2 PM	
Wahy Lab Solution	virtual	11 AM – 2 PM	
Gabriel India Ltd	virtual	11 AM – 2 PM	











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## Career Guidance and Placement Unit (CGPU)

### Placement Drive Report: Sutherland India

Date: February 26th, 2024

Location: KMEA Engineering College

Company: Sutherland India

Attendees: Approximately 200 students

Pre-placement Talk: Conducted

HR Representative: Anoop Sathosh

#### **Introduction:**

On February 26th, 2024, KMEA Engineering College hosted a successful placement drive conducted by Sutherland India. The drive aimed to offer career opportunities to students in IT and customer support services. Approximately 200 students participated in the event, displaying a strong interest in securing employment with the esteemed company.

#### **Placement Drive Overview:**

The placement drive began with a pre-placement talk, providing students with insights into Sutherland India's culture, values, and career opportunities. HR representative Anoop Sathosh led the talk, offering valuable information to the eager



audience. Following the talk, the drive proceeded with a written test to assess students' technical and problem-solving skills.

#### Key Highlights:

- **Pre-placement Talk:** An informative session conducted by HR representative Anoop Sathosh, providing students with a glimpse into Sutherland India's work environment and career prospects.
- **Written Test:** The written test aimed to evaluate students' technical knowledge and problem-solving abilities, serving as the initial screening phase of the recruitment process.
- **JAM Session:** Subsequent to the written test, a JAM (Just a Minute) session was conducted to assess students' communication skills and ability to articulate their thoughts effectively within a short timeframe.
- **Face-to-Face Interviews:** Following the JAM session, 25 selected students proceeded to face-to-face interviews with representatives from Sutherland India. These interviews provided candidates with an opportunity to showcase their skills, qualifications, and suitability for various roles within the company.

#### Conclusion:

The placement drive conducted by Sutherland India at KMEA Engineering College on February 26th, 2024, witnessed active participation from approximately 200 students. The event, featuring a pre-placement talk, written test, JAM session, and face-to-face interviews, provided students with a comprehensive platform to demonstrate their abilities and secure career opportunities with the esteemed company. The collaboration between the college and Sutherland India, led by HR representative Anoop Sathosh, exemplifies the commitment to fostering meaningful connections between academia and industry for the benefit of students' professional growth and development.







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## Career Guidance and Placement Unit (CGPU)

### Placement Drive Report: Systalent Software Private Limited

Date: February 15th, 2024

Location: KMEA Engineering College

Company: Systalent Software Private Limited

Attendees: Approximately 100 students

Placed Candidates: 4 students

Duration: 10:00 AM to 3:00 PM

#### **Introduction:**

On February 15th, 2024, Systalent Software Private Limited conducted a placement drive at KMEA Engineering College. The drive aimed to provide career opportunities for students in the field of software development. Approximately 100 students from various disciplines attended the drive, showcasing their skills and qualifications for potential employment.

#### **Placement Drive Overview:**

The placement drive commenced at 10:00 AM at the placement cell of KMEA Engineering College. Representatives from Systalent Software Private Limited



conducted interviews with the students throughout the day until 3:00 PM. The interviews were structured to assess candidates' technical skills, problem-solving abilities, and suitability for roles within the company.

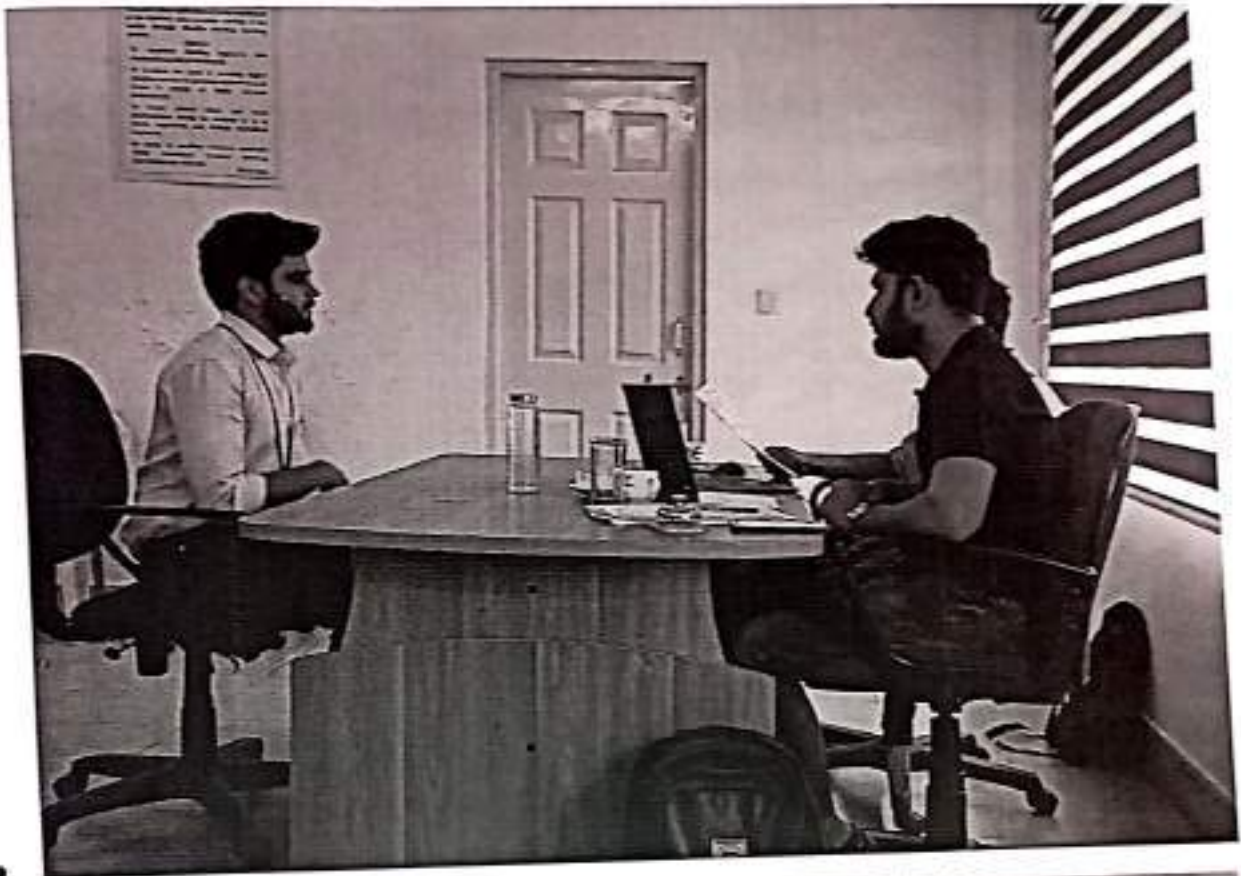
### **Key Highlights:**

- **Number of Attendees:** Around 100 students participated in the placement drive, reflecting a high level of interest and enthusiasm among the student community.
- **Placement Results:** At the end of the drive, 4 students were offered placements with Systalent Software Private Limited. This outcome is a testament to the quality of education and training provided by KMEA Engineering College, as well as the students' dedication and preparation for the interviews.
- **Interview Duration:** The interviews were conducted over a span of 5 hours, allowing ample time for thorough evaluation of each candidate's qualifications and suitability for the available positions.

### **Conclusion:**

The placement drive conducted by Systalent Software Private Limited at KMEA Engineering College on February 15th, 2024, provided valuable opportunities for students to kickstart their careers in the software development industry. With approximately 100 students in attendance and 4 students successfully securing placements, the event was a resounding success. The collaboration between the college and the company facilitated a seamless recruitment process, benefiting both the students and the employer. Such initiatives play a crucial role in bridging the gap between academia and industry, ultimately contributing to the professional growth and development of students.







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## Career Guidance and Placement Unit (CGPU)

### “Profile Visibility Workshop Report”

REPORT - 12 - FEBRUARY - 2024

Venue: KMEA Engineering College, Kerala

Organizer: Kerala Knowledge Economy Mission

Speaker: Ms. Meera Baiju

The Profile Visibility Workshop held on February 12, 2024, at KMEA Engineering College, in association with Kerala Knowledge Economy Mission, was a significant event aimed at enhancing participants' understanding of strategies to improve their professional visibility.

Ms. Meera Baiju, a highly accomplished Certified Executive & Life Coach from Symbiosis Coaching, Mumbai, graced the event as the speaker. She brought a wealth of experience and expertise in profile enhancement, having credentials such as:

- IELTS Trainer certification from the British Council, Mumbai.
- Diploma in Leadership & Management (Level 7) accredited by CPD UK.
- Diploma in Training & Development from ISTD.
- B. Com in Industrial Psychology from Mumbai University.

Throughout the workshop, Ms. Meera Baiju shared valuable insights and practical tips on leveraging various platforms and techniques to increase visibility in the professional realm. She emphasized the importance of crafting a compelling personal brand, utilizing social media effectively, and networking strategically.

Participants gained actionable strategies to elevate their online presence, showcase their skills and achievements, and establish themselves as thought leaders in their respective fields. The interactive sessions facilitated engaging discussions and enabled attendees to address specific challenges they face in enhancing their profile visibility.

The workshop concluded on a high note, with participants equipped with practical knowledge and tools to proactively manage and enhance their professional visibility, thereby advancing their careers and opportunities for growth.

\* Profile visibility workshop for Final Year students \*

→ Morning session - 9 AM to 12.30 PM (CE&EC)

→ Afternoon session - 1.30 PM to 4 PM (ME & EE)



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**KMEA ENGINEERING COLLEGE**

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## CAREER GUIDANCE AND PLACEMENT UNIT

IN ASSOCIATION WITH



GOVERNMENT OF KERALA

**KERALA  
KNOWLEDGE  
ECONOMY MISSION**

## PROFILE VISIBILITY WORKSHOP



Trainer

**Ms.Meera Baiju**

Certified Executive & Life Coach from Symbiosis  
Coaching (accredited by ICF & CCA)

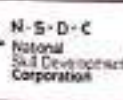
IELTS Trainer - British Council, Mumbai

📅 12 February, 2024

🕒 09:00 PM – 04:00 PM



CONFERENCE HALL - PSTA BLOCK









C.H. MOHAMMED KOYA

**KMEA ENGINEERING COLLEGE**  
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**Edathala, Aluva, Kochi**

## **Career Guidance and Placement Unit (CGPU)**

# **WORK READINESS PROGRAMME REPORT: EMPOWERING COMPUTER SCIENCE STUDENTS**

Date: February 5th to February 7th, 2024

Location: KMEA Engineering College

Facilitator: Sheeba Sameer (ASAP Trainer)

Collaborator: KKEM

### **Introduction:**

From February 5th to February 7th, 2024, KMEA Engineering College hosted a dynamic Work Readiness Programme aimed at enhancing the employability skills of computer science students. The session, expertly handled by Sheeba Sameer, an accomplished ASAP trainer, in association with KKEM, provided participants with comprehensive insights and practical guidance on various facets of career readiness.

### **Day 1: February 5, 2024**

Session 1: SWOT Analysis (9:00 AM - 11:00 AM)

- Introduction to the significance of SWOT analysis in personal and professional development.
- Guided exercises to help students identify their strengths, weaknesses, opportunities, and threats.

- Discussion on leveraging SWOT analysis for effective career planning and decision-making.

#### Session 2: Resume Building (11:30 AM - 1:30 PM)

- In-depth exploration of resume writing principles and best practices.
- Practical tips for structuring resumes to highlight key skills and experiences.
- Personalized feedback and guidance on optimizing individual resumes for maximum impact.

#### Session 3: Cover Letter/Email Drafting (2:30 PM - 4:30 PM)

- Understanding the nuances of formal and informal communication in cover letters and emails.
- Tailoring communication styles for different types of audiences.
- Hands-on drafting exercises with emphasis on clarity, professionalism, and customization.

### Day 2: February 6, 2024

#### Session 4: Interview Preparation (9:00 AM - 11:00 AM)

- Overview of interview structures and methodologies.
- Examination of various types of interviews and their respective formats.
- Insights into common interview FAQs and effective strategies for answering them.

#### Session 5: Behavioral and Situational Questions (11:30 AM - 1:30 PM)

- Analysis of behavioral and situational interview questions.
- Techniques for crafting impactful responses and showcasing relevant experiences.
- Do's and don'ts to ensure a successful interview performance.

#### Session 6: Harnessing Social/Professional Networks (2:30 PM - 4:30 PM)

- Leveraging social and professional networks for career advancement.
- Strategies for building and nurturing meaningful professional connections.
- Understanding proxemics and its role in networking and professional interactions.



**Day 3: February 7, 2024****Session 7: Corporate Etiquettes and Netiquettes (9:00 AM - 11:00 AM)**

- Importance of adhering to corporate etiquettes in professional environments.
- Discussion on appropriate conduct and communication in various corporate settings.
- Guidelines for practicing netiquettes in online interactions.

**Session 8: Group Discussion (11:30 AM - 1:30 PM)**

- Engaging in facilitated group discussions on pertinent career-related topics.
- Application of communication and critical thinking skills in a collaborative setting.
- Reflection on learnings from the programme and identification of actionable steps for continued growth.

**Conclusion:**

The three-day Work Readiness Programme conducted at KMEA Engineering College under the guidance of Sheeba Sameer and in collaboration with KKEM proved to be instrumental in equipping computer science students with essential skills and knowledge for a successful transition to the professional realm. Through a comprehensive curriculum covering SWOT analysis, resume building, interview preparation, networking strategies, and corporate etiquettes, participants gained valuable insights and practical tools to enhance their employability and career prospects. The interactive and engaging nature of the sessions fostered active participation and facilitated meaningful learning experiences, reflecting the commitment of KMEA Engineering College and KKEM to the holistic development of students.



G.H. MOHAMMED KOYA  
**KMEA ENGINEERING COLLEGE**  
APPROVED BY AICTE AFFILIATED TO KTU

# CAREER GUIDANCE AND PLACEMENT UNIT

IN ASSOCIATION WITH



## WORK READINESS PROGRAMME



Trainer:

**Ms.SHEEBA SAMEER**

ASAP - TRAINER

📅 5,6,7 February, 2024

🕒 09:00 PM – 04:00 PM

📍 CONFERENCE HALL - PSTA BLOCK





Ernakulam, Kerala, India  
393H+HRF KMEA Engineering College, Mochamkulam, Kuzhivelippady, Kerala 682021, India  
Lat 10.054084°  
Long 76.379547°  
05/02/24 10:02 AM GMT +05:30



GPS Map Camera



Ernakulam, Kerala, India  
393H+HRF KMEA Engineering College, Mochamkulam, Kuzhivelippady, Kerala 682021, India  
Lat 10.054088°  
Long 76.379561°  
05/02/24 10:03 AM GMT +05:30



GPS Map Camera



C.H. MOHAMMED KOYA

**KMEA ENGINEERING COLLEGE**

APPROVED BY AICTE

AFFILIATED TO KTU

Edathala, Aluva, Kochi

## Career Guidance and Placement Unit (CGPU)

### Placement Preparation Session Report: Core Civil Company

Date: February 2nd, 2024

Time: 10:00 AM - 12:30 PM

Location: Conference Hall, PSTA Block, KMEA Engineering College

#### **Introduction:**

On February 2nd, 2024, a placement preparation session targeting final year civil engineering students of KMEA Engineering College was conducted in the Conference Hall of the PSTA Block. The session was organized by Prof. Shaji PE with the aim of equipping students with essential skills and knowledge required to excel in recruitment processes for core civil engineering companies.

#### **Session Overview:**

The session commenced promptly at 10:00 AM with an introduction by Prof. Shaji PE, highlighting the significance of the placement preparation session for final year students aspiring to secure placements in core civil engineering companies. The session was structured to cover various aspects of the recruitment process, including resume building, technical interview preparation, and behavioral assessment.



### **Key Topics Covered:**

**Resume Building:** Prof. Shaji PE provided insights into crafting impactful resumes tailored specifically for core civil engineering roles. Students were guided on highlighting relevant academic achievements, project work, internships, and technical skills to showcase their suitability for prospective employers.

**Technical Interview Preparation:** Emphasis was placed on preparing students for technical interviews conducted by core civil engineering companies. Prof. Shaji PE discussed common technical interview questions, including topics such as structural engineering, construction management, and transportation engineering. Practical tips and strategies were shared to help students articulate their technical knowledge effectively during interviews.

**Behavioral Assessment:** Recognizing the importance of behavioral assessment in the recruitment process, Prof. Shaji PE addressed key behavioral interview questions and scenarios commonly encountered by candidates during interviews. Students were encouraged to showcase their problem-solving abilities, teamwork skills, and leadership qualities through real-life examples and anecdotes.

**Company-specific Insights:** Prof. Shaji PE provided students with insights into the recruitment processes of prominent core civil engineering companies. Students gained valuable information about the selection criteria, interview formats, and expectations of potential employers, enabling them to tailor their preparation accordingly.

### **Conclusion:**

The placement preparation session conducted by Prof. Shaji PE for final year civil engineering students of KMEA Engineering College served as a valuable platform for students to enhance their readiness for recruitment processes in core civil engineering companies. Through comprehensive coverage of resume building, technical interview preparation, behavioral assessment, and company-specific

insights, students were equipped with the necessary skills and knowledge to navigate the competitive job market with confidence. The session underscored the commitment of KMEA Engineering College and Prof. Shaji PE to empowering the students with practical guidance and support for successful career placements in the field of civil engineering.



**Physical Education  
Department Activity Report  
2023-24**



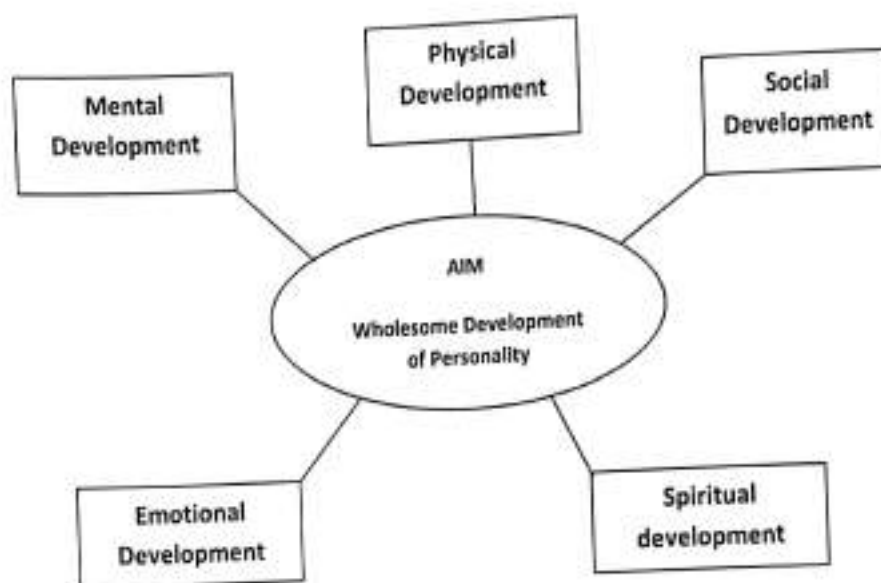
C. H. MOHAMMED KOVA

## KMEA ENGINEERING COLLEGE

### DEPARTMENT OF PHYSICAL EDUCATION AND SPORTS COUNCIL

Physical education is the integral part of general education in which wholesome development of personality brought through physical activity.

#### Objectives of Physical Education



#### Working Procedure

Department of physical education is conducting daily coaching camps for football, cricket, volleyball, kabaddi etc. All these teams are participating in the inter-collegiate tournaments conducted by the university and private tournaments inside and outside Kerala. The Management is giving abundant support to promote sports activities by providing ample facilities and equipments.

The department of physical education is hosted inter collegiate tournaments every year for football, cricket, volleyball and kabaddi. With the wholehearted support of the college management, the department of physical education conducted various tournaments for school students in the campus. All the team members and coaches who had participated in the tournament showed great interests and enthusiasm.



## OUR FACILITIES

SL NO	SPORTS & FITNESS FACILITY	INDOOR/OUT DOOR
1	FOOTBALL FIELD	OUTDOOR -1
2	KABADDI COURT PRO-QUALITY SYNTHETIC MAT	INDOOR-1
3	VOLLEYBALL COURT	OUTDOOR-1
4	BADMINTON COURTS	INDOOR-1 OUTDOOR-2
5	CRICKET NETS	OUTDOOR-2
6	BASKETBALL COURT	OUTDOOR-1
7	TABLE TENNIS -2	INDOOR-2
8	200 M TRACK & FIELD	OUTDOOR-1
9	FITNESS CENTER (GYMNAESIUM & AEROBICS)	INDOOR-1





**DEPARTMENT OF PHYSICAL EDUCATION &  
SPORTS COUNCIL  
ACHIEVEMENTS 2023-24**

**DEPARTMENT PHYSICAL EDUCATION & SPORTS COUNCIL**

**NATIONAL PARTICIPANTS 2023-24**

SL NO	NAME	SEMESTER & BRANCH	GAME	EVENT	HOST
1	ARAVIND P BIJU	S1 B. TECH SAFETY & FIRE ENGINEERING	KABADDI	ASSOCIATION OF INDIAN UNIVERSITIES SOUTH ZONE INTER UNIVERSITY KABADDI MEN CHAMPIONSHIP 2023-24	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA-ANDHRA PRADESH
2	YASAR ARAFATH	S1 B. TECH SAFETY & FIRE ENGINEERING	KABADDI	ASSOCIATION OF INDIAN UNIVERSITIES SOUTH ZONE INTER UNIVERSITY KABADDI MEN CHAMPIONSHIP 2023-24	
3	AKASH THOMAS	S1 B. TECH SAFETY & FIRE ENGINEERING	KABADDI	ASSOCIATION OF INDIAN UNIVERSITIES SOUTH ZONE INTER UNIVERSITY KABADDI MEN CHAMPIONSHIP 2023-24	
4	PHEBA WILSON	S5 B. TECH COMPUTER SCIENCE & ENGINEERING	KABADDI	ASSOCIATION OF INDIAN UNIVERSITIES SOUTH ZONE INTER UNIVERSITY KABADDI WOMEN CHAMPIONSHIP 2023-24	ALAGAPPA UNIVERSITY, KARAIKUDI-TAMIL NADU
5	POOJA M P	S1 M.TECH COMPUTER SCIENCE & ENGINEERING	KABADDI	ASSOCIATION OF INDIAN UNIVERSITIES SOUTH ZONE INTER UNIVERSITY KABADDI WOMEN CHAMPIONSHIP 2023-24	
6	RENEESHA T R	S7 B. TECH ELECTRICAL & ELECTRONICS ENGINEERING	KABADDI	ASSOCIATION OF INDIAN UNIVERSITIES SOUTH ZONE INTER UNIVERSITY KABADDI WOMEN CHAMPIONSHIP 2023-24	
7	REJIYA K V	S3 B. TECH CIVIL ENGINEERING	KABADDI	ASSOCIATION OF INDIAN UNIVERSITIES SOUTH ZONE INTER UNIVERSITY KABADDI WOMEN CHAMPIONSHIP 2023-24	
8	GOURI PARVATHY	S5 B. TECH ELECTRICAL & ELECTRONICS ENGINEERING	YOGA	ASSOCIATION OF INDIAN UNIVERSITIES SOUTH WEST ZONE INTER UNIVERSITY YOGA WOMEN CHAMPIONSHIP 2023-24	ANNA UNIVERSITY CHENNAI - 25-TAMIL NADU
9	NIYA FATIMA	S3 B. TECH CIVIL ENGINEERING	TUG OF WAR	ASSOCIATION OF INDIAN UNIVERSITIES ALL INDIA INTER UNIVERSITY TUG OF WAR WOMEN CHAMPIONSHIP 2023-24	JEPPIAAR UNIVERSITY CHENNAI-TAMIL NADU

DEPARTMENT PHYSICAL EDUCATION & SPORTS COUNCIL

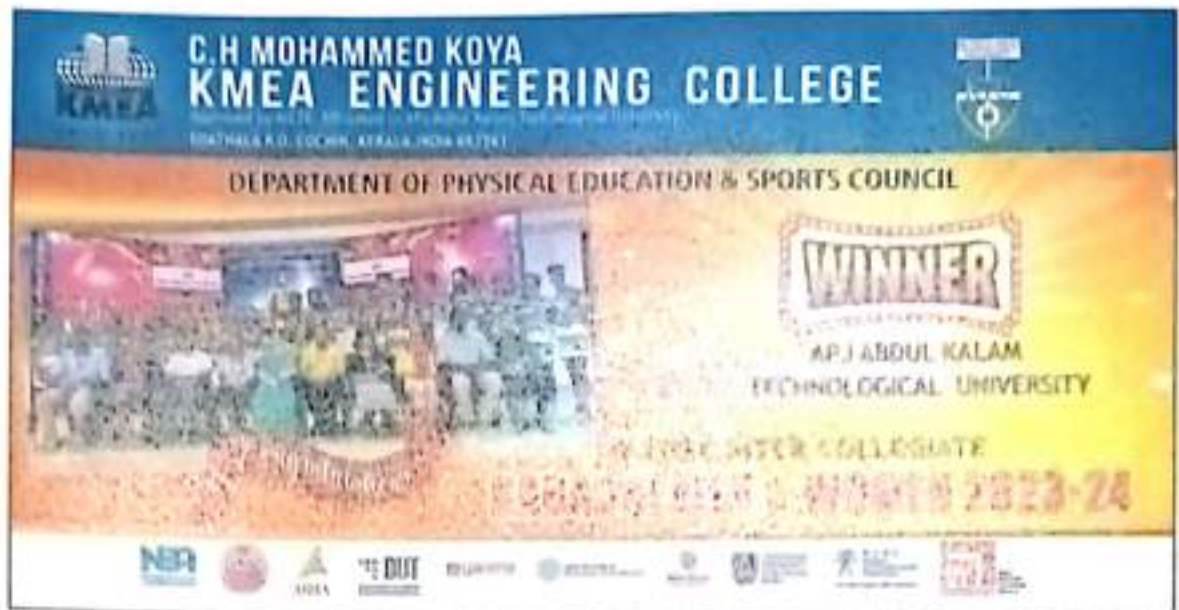
**ACHIEVEMENTS 2023-24**

SL NO	POSITION	EVENT	VENUE
1.	4 <sup>TH</sup> PRIZE	REGENCY CLUB- STATE LEVEL KABADDI TOURNAMENT	REGENCY CLUB-THRISSUR
2.	CHAMPIONS	A P J ABDUL KALAM TECHNOLOGICAL UNIVERSITY D ZONE INTER COLLEGIATE KABADDI MEN CHAMPIONSHIP 2023-24	K M E A ENGINEERING COLLEGE EDATHALA
3.	CHAMPIONS	A P J ABDUL KALAM TECHNOLOGICAL UNIVERSITY D ZONE INTER COLLEGIATE KABADDI WOMEN CHAMPIONSHIP 2023-24	K M E A ENGINEERING COLLEGE EDATHALA
4.	3 <sup>RD</sup> PRIZE	A P J ABDUL KALAM TECHNOLOGICAL UNIVERSITY INTER ZONE INTER COLLEGIATE KABADDI MEN CHAMPIONSHIP 2023-24	VIDYA ACADEMY OF SCIENCE & TECHNOLOGY THRISSUR
5.	CHAMPIONS	A P J ABDUL KALAM TECHNOLOGICAL UNIVERSITY INTER ZONE INTER COLLEGIATE KABADDI WOMEN CHAMPIONSHIP 2023-24	VIDYA ACADEMY OF SCIENCE & TECHNOLOGY THRISSUR
6.	3 <sup>RD</sup> PRIZE	A P J ABDUL KALAM TECHNOLOGICAL UNIVERSITY D ZONE INTER COLLEGIATE HAND BALL MEN CHAMPIONSHIP 2023-24	RAJAGIRI SCHOOL OF ENGINEERING & TECHNOLOGY- KAKKANAD
7.	2 <sup>ND</sup> PRIZE	KERALA STATE SPORTS COUNCIL ERNAKULAM DIST. JUNIOR KABADDI CHAMPIONSHIP 2024	SPORTS DIVISION KATHARAM
8.	2 <sup>ND</sup> PRIZE	PROVIDENCE CUP 2024 ALL KERALA INTER COLLEGE FOOTBALL TOURNAMENT 2024	PROVIDENCE COLLEGE CHENGANNUR
9.	CHAMPIONS	ST THOMAS CUP 2024 ALL KERALA INTER COLLEGE KABADDI TOURNAMENT 2024	ST THOMAS COLLEGE OF CET- CHENGANNUR

DEPARTMENT PHYSICAL EDUCATION & SPORTS COUNCIL

**UNIVERSITY OUTSTANDING PLAYER AWARDS 2023-24**

SL NO	NAME	SEM & BRANCH	AWARD	EVENT
1.	PHEBA WILSON	S5 CSE	BEST RAIDER	A P J ABDUL KALAM TECHNOLOGICAL UNIVERSITY INTER ZONE INTER COLLEGIATE KABADDI WOMEN CHAMPIONSHIP 2023-24
2.	POOJA M P	S1 M.TECH CSE	BEST DEFENDER	A P J ABDUL KALAM TECHNOLOGICAL UNIVERSITY INTER ZONE INTER COLLEGIATE KABADDI WOMEN CHAMPIONSHIP 2023-24
3.	ARAVIND P BIJU	S1 SFE	BEST RAIDER	A P J ABDUL KALAM TECHNOLOGICAL UNIVERSITY D- ZONE INTER COLLEGIATE KABADDI WOMEN CHAMPIONSHIP 2023-24
4.	MUHAMMED SAFAL	S5 ECE	BEST DEFENDER	A P J ABDUL KALAM TECHNOLOGICAL UNIVERSITY D- ZONE INTER COLLEGIATE KABADDI WOMEN CHAMPIONSHIP 2023-24
5.	PHEBA WILSON	S5 CSE	BEST DEFENDER	A P J ABDUL KALAM TECHNOLOGICAL UNIVERSITY D- ZONE INTER COLLEGIATE KABADDI WOMEN CHAMPIONSHIP 2023-24
6.	REJIYA K Y	S3 CE	BEST RAIDER	A P J ABDUL KALAM TECHNOLOGICAL UNIVERSITY D- ZONE INTER COLLEGIATE KABADDI WOMEN CHAMPIONSHIP 2023-24



## CHAMPIONS

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY D-ZONE MEN & WOMEN  
KABADDI TOURNAMENT 2023-24 HELD AT KMEA ENGINEERING COLLEGE.

**C.H MOHAMMED KOYA  
KMEA ENGINEERING COLLEGE**

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY INTER ZONE INTER COLLEGIATE  
**KABADDI CHAMPIONSHIP (MEN & WOMEN) 2023-24**

DEPARTMENT OF PHYSICAL EDUCATION

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

WINNERS

DEPARTMENT OF PHYSICAL EDUCATION

**C.H MOHAMMED KOYA  
KMEA ENGINEERING COLLEGE**

DEPARTMENT OF PHYSICAL EDUCATION  
**APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY  
INTER ZONE INTER COLLEGIATE KABADDI CHAMPIONSHIP 2023-24**

3<sup>RD</sup> RUNNERS UP

CHAMPIONS  
OF ZONE & INTER ZONE WOMEN CATEGORIES

CONGRATULATIONS

PHIEBA WILSON  
B.E. CSE  
(BEST SCORER)

POOLIA M.P. - ST  
M. TECH CSE  
(BEST SETBACK PLAYER)

NBA, AACSB, ISO 9001, THE OUT, GATEWAY, UNIVERSITY OF APJ ABDUL KALAM, KERALA STATE UNIVERSITY, KERALA STATE SPORTS COMMISSION, KERALA STATE EDUCATION SOCIETY, KERALA STATE EDUCATION SOCIETY



# C.H MOHAMMED KOYA KMEA ENGINEERING COLLEGE

Approved by AICTE, Affiliated to APJ Abdul Kalam Technological University  
EDATHALA P.O. COCHIN, KERALA, INDIA 682347



DEPARTMENT OF PHYSICAL EDUCATION

Selected to the

**APJ ABDUL KALAM  
TECHNOLOGICAL UNIVERSITY TEAM**

FOR ALL INDIA SOUTH ZONE INTER UNIVERSITY

## KABADDI CHAMPIONSHIP 2023-24







C.H. MOHAMMED KOYA  
**KMEA ENGINEERING COLLEGE**



DEPARTMENT OF PHYSICAL EDUCATION

**GOURI PARVATHI (SS EEE)**

SELECTED TO

THE APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY TEAM FOR  
ASSOCIATION OF INDIAN UNIVERSITIES

**AIU INDIA INTER UNIVERSITY  
YOGA COMPETITION**

2023-2024





C.H. MOHAMMED KOYA  
**KMEA ENGINEERING COLLEGE**  
 APPROVED BY AICTE AFFILIATED TO KTU



DEPARTMENT OF PHYSICAL EDUCATION & SPORTS COUNCIL



**NIYA FATIMA** of S4 Civil Engineering got selected to the  
**APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY**

**THIRU OF UVAR**

WINTER TEAM 2023-24

*Niya Fatima*  
**Congratulations**

for securing 1st position in  
 National Intercollegiate Tag of War Championship

**TOKEN OF APPRECIATION TO THE PASSING OUT FINAL YEAR SPORTS ACHIEVERS**



**RENEESHA T R- ELECTRICAL & ELECTRONICS ENGINEERING(2020-24)**



**POOJA PRATHAP - MECHANICAL ENGINEERING (2020-24)**



VIVEETH KRISHNAN- CIVIL ENGINEERING (2020-24)



JADEED KAMAL - ELECTRONICS & COMMUNICATION ENGINEERING (2020-24)



ANANTHU P - MECHANICAL ENGINEERING (2020-24)



MUHAMMED FARIZ N K - MECHANICAL ENGINEERING (2020-24)



## CHAMPIONS

WINNERS OF APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY INTER-ZONE INTER COLLEGIATE KABADDI WOMEN TOURNAMENT 2023-24

HELD AT VIDYA ACADEMY OF SCIENCE & TECHNOLOGY, THRISSUR



### **THIRD PRIZE**

**APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY INTER-ZONE INTER  
COLLEGIATE KABADDI WOMEN TOURNAMENT 2023-24**

**HELD AT VIDYA ACADEMY OF SCIENCE & TECHNOLOGY, THRISSUR**



**THIRD PRIZE**

**APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY D- ZONE INTER COLLEGIATE HANDBALL  
MEN TOURNAMENT 2023-24 HELD AT RAJAGIRI SCHOOL OF ENGINEERING & TECHNOLOGY  
KAKKANAD**



**2<sup>ND</sup> PRIZE**

**ERNAKULAM DIST. JUNIOR KABADDI CHAMPIONSHIP 2024 HELD AT SPORTS DIVISION  
KAITHARAM**





**2<sup>ND</sup> PRIZE OF 35,000/- CASH AWARD AND TROPHY**

**PROVIDENCE COLLEGE FOOTBALL CUP 2024 HELD AT PROVIDENCE COLLEGE CHENGANNOOR**



4<sup>TH</sup> PRIZE OF 4000/- CASH AWARD

REGENCY CLUB ALL KERALA KABADDI WOMEN TOURNAMENT 2023 HELD AT REGENCY CLUB  
INDOOR COURT- THRISSUR



**COLLEGE CRICKET TEAM**

**APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY D- ZONE INTER COLLEGIATE CRICKET MEN  
TOURNAMENT 2023-24 HELD AT M A COLLEGE KOTHAMANGALAM**



**COLLEGE YOGA TEAM**

**APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY INTER ZONE INTER COLLEGIATE YOGA  
WOMEN COMPETITION 2023-24 HELD AT RAJAGIRI SCHOOL OF ENGINEERING &  
TECHNOLOGY KAKKANAD**



**COLLEGE FOOTBALL TEAM**

**APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY D-ZONE INTER COLLEGIATE YOGA WOMEN  
COMPETITION 2023-24 HELD AT MUTHOOT INSTITUTE OF SCIENCE & TECHNOLOGY**



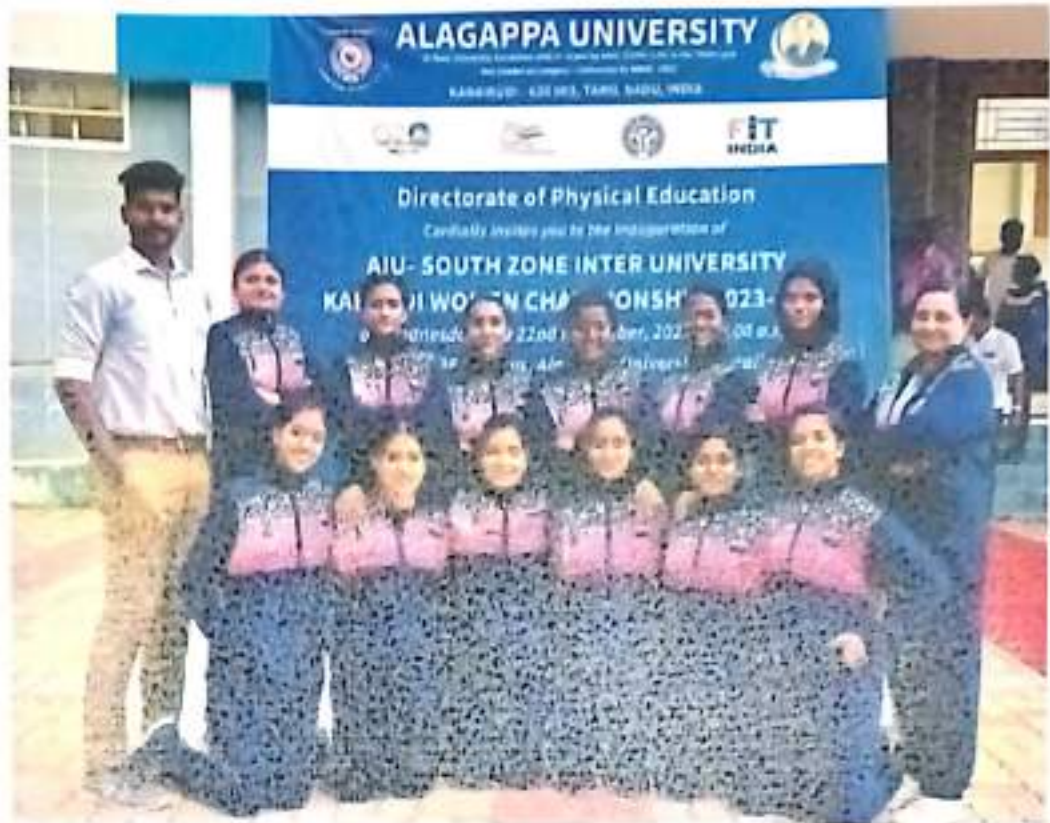
**CHAMPIONS WITH 6000/- CASH AWARD & EVERROLLING TROPHY**

**ST THOMAS KABADDI CUP 2023-24 HELD AT ST THOMAS COLLEGE OF ENGINEERING &  
TECHNOLOGY, CHENGANNOOR**



**APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY KABADDI MEN TEAM 2023-24**

**COACHING CAMP HELD AT KMEA ENGINEERING COLLEGE**



**APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY KABADDI WOMEN TEAM 2023-24**

**COACHING CAMP HELD AT KMEA ENGINEERING COLLEGE**

**SELECTION LIST OF KABADDI (MEN) TOURNAMENT 2023-24**

Sl.No,	Name	College
1	ABU AJMAL M A	UNIVERSAL ENGINEERING COLLEGE, THRISSUR
2	ADARSH K P	VIDYA ACADEMY OF SCIENCE & TECHNOLOGY, THRISSUR
3	AKASH THOMAS	KMEA ENGINEERING COLLEGE
4	ARAVIND P BIJU	KMEA ENGINEERING COLLEGE
5	AYUSH M S	UNIVERSAL ENGINEERING COLLEGE, THRISSUR
6	HRIDHUL DINESH	UNIVERSAL ENGINEERING COLLEGE, THRISSUR
7	KARTHIK M SEKHAR	UKF CET, PARIPPALLY
8	RAMITH R K	LBS COLLEGE OF ENGINEERING, KASARGOD
9	RJO PAULOSE	SCMS SCHOOL OF ENGINEERING & TECHNOLOGY
10	SREENATH B V	VKCET, PARIPPALLY
11	SURYADETHAN S	VKCET, PARIPPALLY
12	YASAR ARAFATH	KMEA ENGINEERING COLLEGE

1	AHAMMAD AMALS	VKCET, PARIPPALLY
2	MUHAMMED HASHIM	UNIVERSAL ENGINEERING COLLEGE, THRISSUR
3	SABARINATH P S	VKCET, PARIPPALLY
4	LAYWIN ROY	ST THOMAS INSTITUTE FOR SCIENCE & TECHNOLOGY
5	ADARSH A K	LBS KASARGOD



**APJ Abdul Kalam Technological University**  
College of Engineering Trivandrum Campus  
Engineering College P.O., Thiruvananthapuram. Pin.695016  
dpe@ktu.edu.in

**UNIVERSITY KABADDI (WOMEN) TEAM 2023-24**

Sl.No	Name	College
1	AYISHA NAJA P	CoE THALASSERY
2	ANAGHA R	CoE THRIKARIPUR
3	AASHNA NASIR K P	KMCT CALICUT
4	PHEBA WILSON	KMEA ENGINEERING COLLEGE ALUVA
5	POOJA M P	KMEA ENGINEERING COLLEGE ALUVA
6	REJIYA K Y	KMEA ENGINEERING COLLEGE ALUVA
7	RENEESHA T R	KMEA ENGINEERING COLLEGE ALUVA
8	AKSHARA S	NSS COLLEGE OF ENGINEERING PALAKKAD
9	NIDHINA S MANU	NSS COLLEGE OF ENGINEERING PALAKKAD
10	AISWARYA M S	TKM COLLEGE OF ENGINEERING KOLLAM
11	KRISHNA SREE	VAST THRISSUR
12	SWATHI K	GEC THRISSUR
<b>RESERVE PLAYERS</b>		
1	AYANA P	CoE KIDANGOOR
2	ASWINI K S	NSS COLLEGE OF ENGINEERING
3	DHIYA ZIMRIN	CoE THALASSERY
4	GAYATHRI SUDHEESH	SSET KARUKUTTY
5	NIRANJANA U NAIR	MIT ALAPUZHA
6	SWATHI DARSHANA	CoE THRIKARIPUR
7	NICOL TERESA SUNNY	MBCET TRIVANDRUM





**APJ Abdul Kalam Technological University**  
College of Engineering Trivandrum Campus  
Engineering College PO, Thiruvananthapuram. Pin 695016  
dpe@akta.edu.in

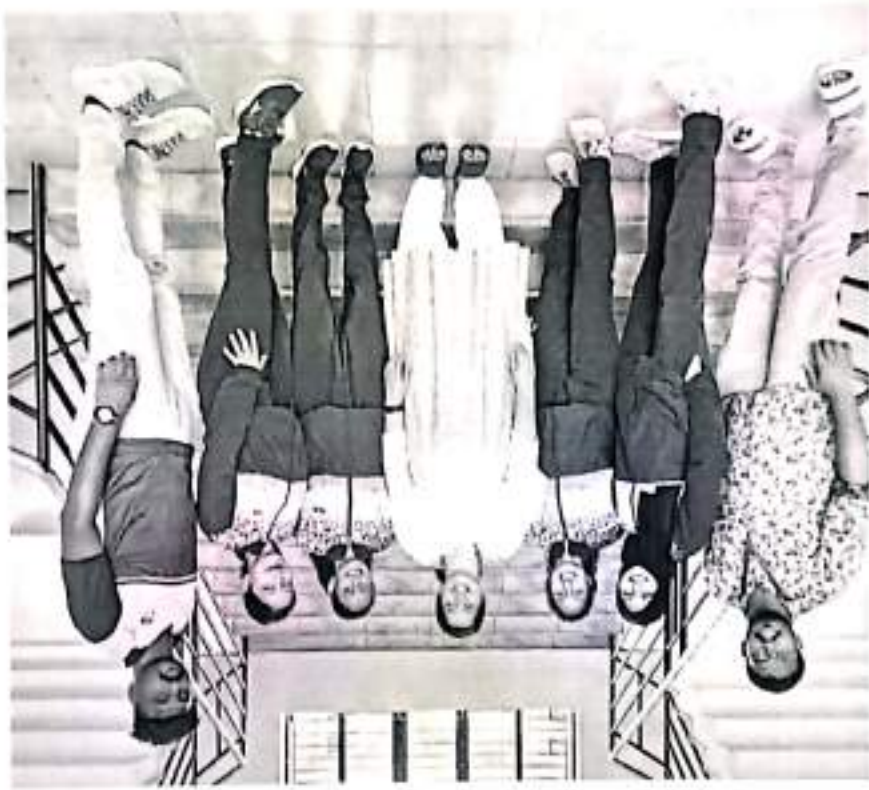
**UNIVERSITY YOGASANA MEN & WOMEN TEAMS 2023-24**

**WOMEN**

Sl.No	Name	Institution
1	GOWRI NANDANA	SSET Karukuty
2	GOWRI PRAKASH	GEC Wayanad
3	VARSHA VIJAYAN	GEC Wayanad
4	ARUNA R MENON	VAST Thrissur
5	IMA T S	VAST Thrissur
6	GOWRI PARVATHI	KMEA Edathala

**MEN TEAM**

Sl.No	Name	Institution
1	JOEL JOSE	VAST Thrissur
2	GAGAN UDYTH	VAST Thrissur
3	ASWIN MOHAN	VAST Thrissur
4	SREENANADAN A	Mar Baselios
5	KRISHNA DEV N	VAST Thrissur
6	ASHLIN SHAJU	Sahrudaya Thrissur



# DEPARTMENT OF PHYSICAL EDUCATION & SPORTS COUNCIL

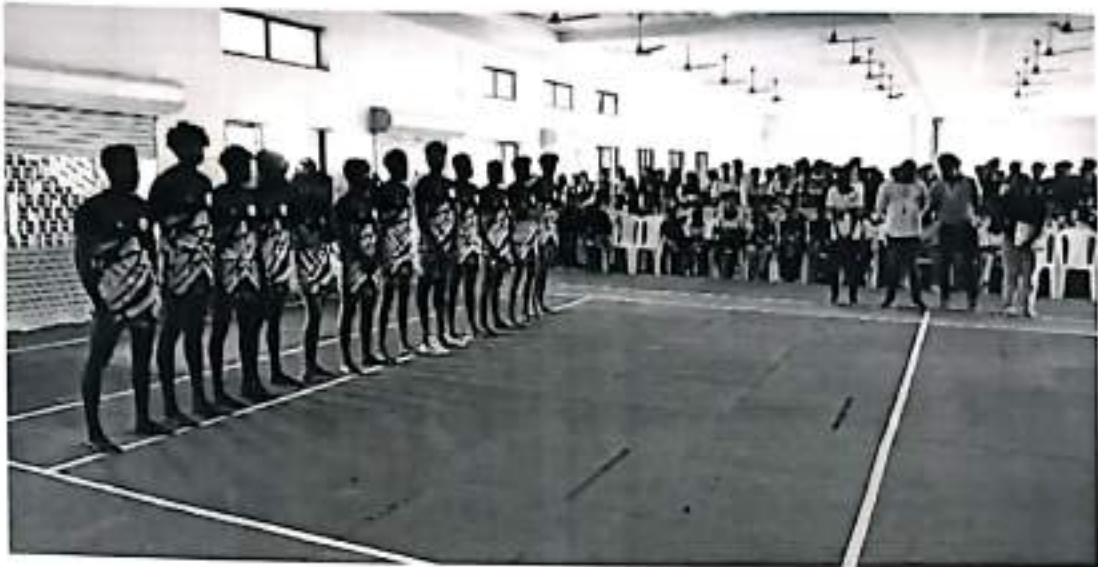
## A P J ABDUL KALAM TECHNOLOGICAL UNIVERSITY

### D ZONE INTER COLLEGIATE KABADDI MEN & WOMEN CHAMPIONSHIP 2023-2024

Date : 25<sup>th</sup> & 26<sup>th</sup> October 2023

The Department of physical education and sports council has decided to organise the APJAKTU D Zone Inter Collegiate Kabaddi Men & Women Championship On 25<sup>th</sup> & 26<sup>th</sup> October 2023. An All Kerala Inter College Kabaddi Tournament For Men & Women on 27<sup>th</sup> April 2023. The sports council has decided to invite the director of KMEA Group of Institutions **Dr. Amarnishad** as the chief guest of inaugural function. The teams reported on 25<sup>th</sup> morning, the match commenced at 9.00am. the matches has started on time under the AKFI qualified officials.







As per the less registration received in women's category; the match has to be changed as league.

### Participated teams

#### **MEN**

- 1) KMEA
- 2) RSET
- 3) TOC H
- 4) ADISANKARA
- 5) SSET

#### **WOMEN**

- 1) SSET
- 2) RSET
- 3) KMEA ENGG. A TEAM

The match has started on time by men category followed by women category. In men category Aravind of KMEA Got Selected As The Best Raider And Safal of KMEA Got Selected as The Best Defender. In Women Category Rejiya of KMEA Got Selected As The Best Raider And Pheba Wilson of KMEA Got Selected as The Best Defender.





**WINNER MEN – KMEA ENGINEERING COLLEGE**



**WINNER WOMEN : KMEA ENGINEERING COLLEGE**

In men category KMEA secured winner position, SSET Secured runners position & adisankara secured 2<sup>nd</sup> runners position. In women category KMEA secured winner position, SSET Secured runners position & RSET secured 2<sup>nd</sup> runners position the All prizes was distributed by the college vice principal Dr. Rekha Lakshmanan. Vote of thanks were delivered by Mr. Aju Philip- Placement officer.



**ORGANISED COACHING CAMP OF A P J ABDUL KALAM TECHNOLOGICAL UNIVERSITY  
KABADDI MEN TEAM FOR THE ASSOCIATION OF INDIAN UNIVERSITIES SOUTH ZONE INTER  
UNIVERSITY KABADDI TOURNAMENT 2023-24**



**ORGANISED COACHING CAMP OF A P J ABDUL KALAM TECHNOLOGICAL UNIVERSITY  
KABADDI MEN TEAM FOR THE ASSOCIATION OF INDIAN UNIVERSITIES SOUTH ZONE INTER  
UNIVERSITY KABADDI TOURNAMENT 2023-24**



# DEPARTMENT OF PHYSICAL EDUCATION & SPORTS COUNCIL

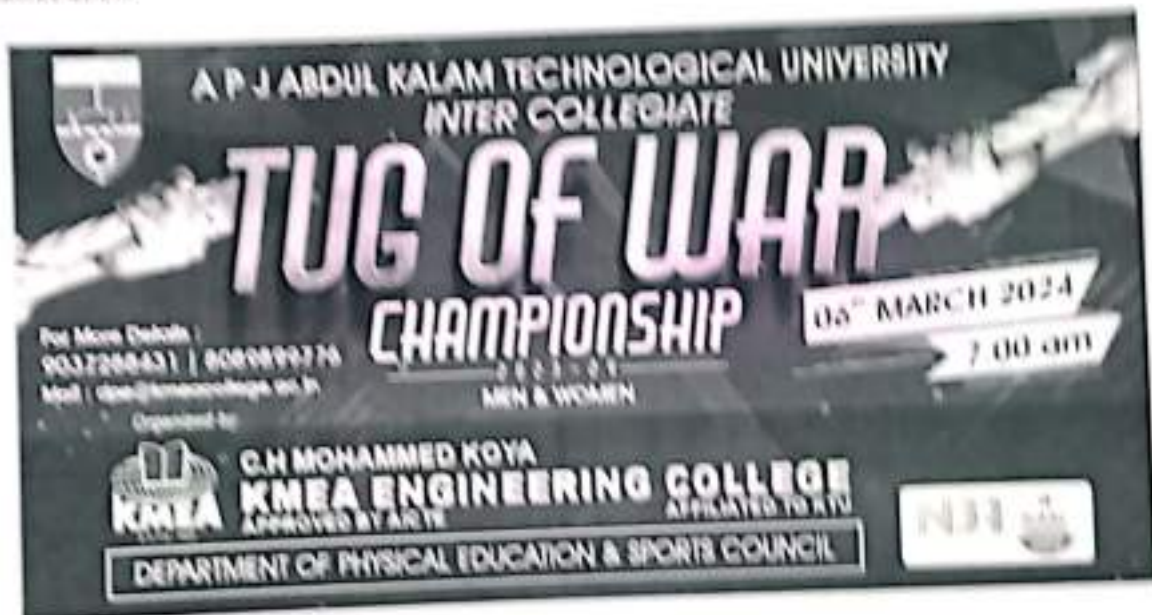
A P J ABDUL KALAM TECHNOLOGICAL UNIVERSITY

TUG OF WAR MEN AND WOMEN CHAMPIONSHIP

2023-2024

DATE: 05<sup>th</sup> MARCH 2024

The department of physical education and sports council has decided to organise the Tug of war men and women championship on 05<sup>th</sup> March 2024. The sports council has decided to invite the Director of KMEA Engineering College Dr. AMARNISHAD for the inaugural ceremony and Dr. RAMESH KUMAR P A Director of Physical Education, A P J Abdul Kalam Technological University as the chief guest for the Tug Of War Championship. The team reported on 05<sup>th</sup> morning. The match commenced at 7:00 AM. The matches started on time under the qualified officials of State tug of war association.



A P J ABDUL KALAM TECHNOLOGICAL UNIVERSITY  
INTER COLLEGIATE  
**TUG OF WAR**  
CHAMPIONSHIP  
2023-24  
MEN & WOMEN

For More Details:  
9037288431 | 9080899274  
Mail: [dspe@kmeacollege.ac.in](mailto:dspe@kmeacollege.ac.in)

Organized by:  
**C.H. MOHAMMED KOYA**  
**KMEA ENGINEERING COLLEGE**  
APPROVED BY AICTE  
AFFILIATED TO A.T.U.

05<sup>th</sup> MARCH 2024  
7:00 AM

DEPARTMENT OF PHYSICAL EDUCATION & SPORTS COUNCIL

NBA



## Participated teams

### **MEN**

1. ROYAL COLLEGE THRISSUR
2. AWH KOZHIKODE
3. FISAT ANGAMALI
4. KMEA ALUVA
5. CE PATHA
6. GEC PALAKKADNAPURAM
7. CE ARANMULA
8. UKFPARIPALLY
9. RAJADHANITRIVANDRUM
10. BARTON HIL TRIVANDRUM
11. AHALIA PALAKKAD
12. VAST THRISSUR
13. HOLY GRACE THRISSUR
14. GEC THRISSUR

### **WOMEN**

1. VAST THRISSUR
2. BARTON HIL TRIVANDRUM
3. FISAT ANGAMALI
4. CE ARANMULA
5. SNTGITS KOTTAYAM
6. CE PATHANAPURAM
7. GEC PALAKKAD
8. KMEA ALUVA
9. AHALIA, PALAKKAD
10. GEC THRISSUR



# APJ ABHDUL KALAM TECHNOLOGICAL UNIVERTSITY

College of Engineering Campus Trivandrum

FIXTURE INTER ZONE TUG OF WAR (MEN) 2023-24

Venue : KMEA ALUVA

Date: 05 & 06 March 2024



**NB**

1. All teams shall report @ 5.00 pm on 05.03.2024 for weighing.
2. The competitions will start @ 7:30am on 06.03.2024.
3. The OPEN SELECTION will also go along with the competitions.
4. To get further details, contact: Mr.Kannan R Ramesh, KMEA ALUVA 90372 88431

Director



# APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

College of Engineering Campus Trivandrum

FIXTURE - INTER ZONE TUG OF WAR (WOMEN) 2023/24

Venue: KMEA ALUVA

Date: 05 & 06 March 2024



## NB.

1. All teams shall report @ 5.00 pm on 05.03.2024 for weighing.
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4. To get further details, contact: Mr.Kannan R Ramesh, KMEA ALUVA 90372 88431

Director



**C.H MOHAMMED KOYA**  
**KMEA ENGINEERING COLLEGE**  
APPROVED BY AICTE  
DEPARTMENT OF PHYSICAL EDUCATION & SPORTS COUNCIL

**NIYA FATHIMA** of S4 Civil Engineering got selected to the  
**APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY**

**TUG OF WAR**  
**WOMEN TEAM 2023-24**

*Niya Fathima*  
**Congratulations**

For the Association of Indian Universities  
All India Inter-University Tug of War Championship

Niya Fathima of S4 Civil Engineering -KMEA engineering college was selected to the university tug of war women team to participate in the All India Inter University Tug of War Championship held at Jeppiaar University, Chennai

## RESULTS

Winner boys - GEC THRISSUR

Runner boys - FISAT EKM

Second runner boys - COLLEGE OF ENGINEERING ARANMULLA

Winner girls - GEC THRISSUR

Runner girls - FISAT EKM

Second runner girls - VIDYA ACADEMY THRISSUR

Prize distribution was done by Dr. Ramesh Kumar PA director of physical education APJ Abdul KALAM technological University TVM, Dr. Amarnikad Principal- KMEA Engineering college, Skilje K Velayudhan former Sports Coordinator APJ Abdul KALAM technological university, Sr. Keetha Lekshmanan Vice principal- KMEA Engineering College, Kannan R Ramesh- Director of Physical Education KMEA Engineering College.

# DEPARTMENT OF PHYSICAL EDUCATION & SPORTS COUNCIL

## KMEA KABADDI FEST SEASON 2

ALL KERALA UNDER 19 KABADDI BOYS & GIRLS TOURNAMENT -2024

DATE : 22ND & 23RD APRIL 2024

The department of physical education and sports council has decided to organise the **KMEA KABADDI FEST SEASON 2** (All Kerala Under 19 Kabaddi Tournament - Boys And Girls) on 22<sup>nd</sup> and 23<sup>rd</sup> of April 2024. The sports council has decided to invite **SHRI. U. SHARAFALI** as the Chief Guest of Inaugural Function in the presence of **SHRI. RIAZ AHMED**, **SHRI. ADV. K A JALEEL** and the Director of KMEA engineering college **DR. AMARNISHAD**. The team reported on 22<sup>nd</sup> morning, the match commenced at 9.00am. The matches started on time under the control of the **Amateur Kabaddi Federation of India** qualified officials.

**KMEA**  
ESTD - 1967

**C.H. MOHAMMED KOYA**  
**KMEA ENGINEERING COLLEGE**  
APPROVED BY AICTE  
AFFILIATED TO KTU

DEPARTMENT OF PHYSICAL EDUCATION & SPORTS COUNCIL

*Inaugural Ceremony*

**WELCOME**

**SHRI. U. SHARAFALI**  
President, Kerala State Sports Council  
Former International Football Player

**SHRI. RIAZ AHMED**  
General Secretary, Kerala Muslim Educational Association (KMEA)  
Chairman - KMEA College Management Committee

**SHRI. Adv. K A JALEEL**  
Secretary, KMEA College Management Committee

**KMEA JUNIOR**  
**KABADDI FESTIVAL**  
**SEASON 2**

ALL KERALA UNDER 19 SCHOOLS KABADDI TOURNAMENT 2024  
22<sup>nd</sup> APRIL 2024 at 5. PM COLLEGE AUDITORIUM





Total 500 number of school students has participated in the event including the national state and district level players. The prize consists of trophy and cash award of total 65000/ rupees. The listed prizes are the same in both categories.

1<sup>st</sup> Prize : 12000 + Trophy

2<sup>nd</sup> Prize :6500 + Trophy

3<sup>rd</sup> & 4<sup>th</sup> Prize: 3000 X 2

5<sup>th</sup> To 8<sup>th</sup> Prize: 2000 X 4





## Participated teams – Boys

1. FRIENDS KOLLAM
2. SEVEN HEROS KARUNAGAPALLY
3. ST JOSEPH VELUPADAM
4. KSHATHRIYAS KABADDI ACADEMY TVM
5. SAGARIGA POOCHATTY
6. NAVIGATORS SPORTS CLUB TVM
7. SANKEERTHANA MANNAR
8. KABADDI CHENTHRAPINNI
9. YSM SPORTS ACADEMY PALAKKAD
10. SPORTS DIVISION KAITHARAM
11. MAM MODEL SCHOOL
12. LKG BOYS
13. CHERPU KABADDI ACADEMY
14. ZGC CALICUT
15. SEVEN HEROS CHERTHALA
16. DIANA KOLLAM
17. NSA MUKKOM
18. BLOOD ZIPPERS PALAKKAD
19. EDAPPAL KABADDI ACADEMY
20. AVM OTTAPALAM
21. THREE STAR BROTHERS
22. SHINE ARTS AND SPORTS CLUB
23. SB MUVATTUPUZHA
24. DSA KASARGOD

## Participated teams 9 - Girls

1. PAZHAI KABADDI ACADEMY
2. YNG SPORTS CLUB
3. ST. JOSEPH GHS CHENGAL
4. ZGC CALICUT A
5. NSA MUKKOM CALICUT
6. KABADDI ACADEMY KODUNGALLUR
7. CHERPU KABADDI ACADEMY TCR
8. PARAVUR KABADDI ACADEMY A
9. SEVEN HEROS CHERTHALA
10. DSA KOLLAM
11. ST. JOSEPH VELUPADAM
12. ZGC CALICUT
13. PARAVUR KABADDI ACADEMY
14. ADHARVA GRZ CALICUT
15. YSM SPORTS ACADEMY
16. SREE NARAYANA KABADDI ACADEMY
17. SEVEN HEROS CHERTHALA A
18. PAZHANJI KABADDI ACADEMY B
19. SPORTS DIVISION KAITHARAM
20. DEFENDERS PALAKKAD



K. H. Mohammed Koya  
**K M E A Engineering College**  
 A NAAC Accredited Institution



KMEA JUNIOR KABADDI FEST - SEASON 2 ( 22<sup>nd</sup> & 23<sup>rd</sup> April 2024)

**FIXTURE (POOL - A)**



- 1. K. H. Mohammed Koya vs. K. H. Mohammed Koya
- 2. K. H. Mohammed Koya vs. K. H. Mohammed Koya
- 3. K. H. Mohammed Koya vs. K. H. Mohammed Koya

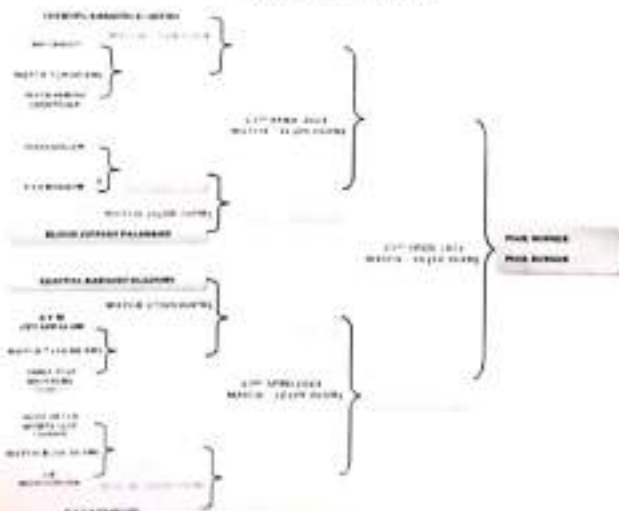


K. H. Mohammed Koya  
**K M E A Engineering College**  
 A NAAC Accredited Institution



KMEA JUNIOR KABADDI FEST - SEASON 2 ( 22<sup>nd</sup> & 23<sup>rd</sup> April 2024)

**FIXTURE (POOL - B)**



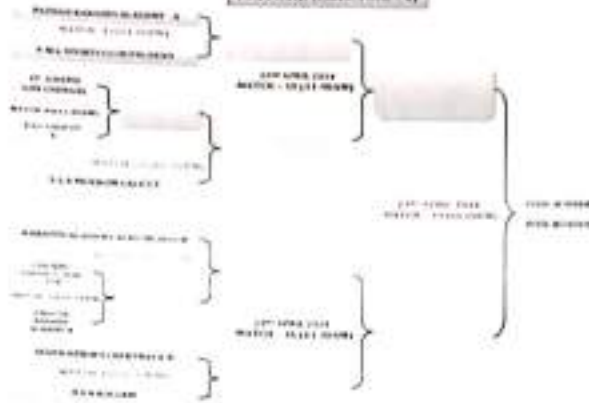
- 1. K. H. Mohammed Koya vs. K. H. Mohammed Koya
- 2. K. H. Mohammed Koya vs. K. H. Mohammed Koya
- 3. K. H. Mohammed Koya vs. K. H. Mohammed Koya





**KMEA JUNIOR KARADODI FEST - SEASON 2 (22<sup>ND</sup> & 23<sup>RD</sup> APRIL 2024)**

**FIXTURE (Semi-Final - SF)**

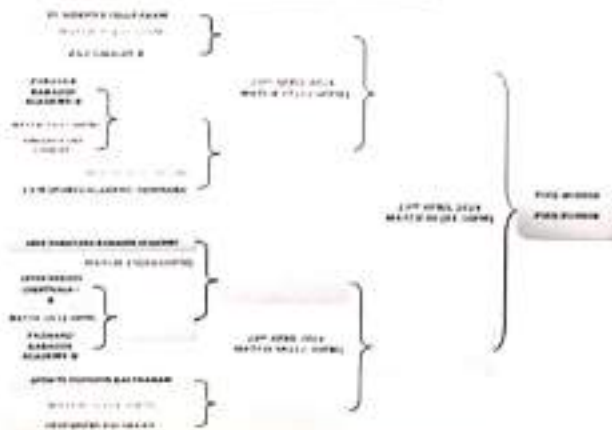


- 1. FIRST SEMESTER - INTERCOLLEGE & V.A. - BOYS AND GIRLS
- 2. SECOND SEMESTER - INTERCOLLEGE & V.A. - BOYS AND GIRLS
- 3. FINAL RESULTS - SEMESTER V.A. BOYS AND GIRLS



**KMEA JUNIOR KARADODI FEST - SEASON 2 (22<sup>ND</sup> & 23<sup>RD</sup> APRIL 2024)**

**FIXTURE (Semi-Final - SF)**



- 1. FIRST SEMESTER - INTERCOLLEGE & V.A. - BOYS AND GIRLS
- 2. SECOND SEMESTER - INTERCOLLEGE & V.A. - BOYS AND GIRLS
- 3. FINAL RESULTS - SEMESTER V.A. BOYS AND GIRLS

## RESULTS

Winner boys - **LKG BOYS PALAKKAD**

Runner boys - **FRIENDS KOLLAM**

Winner girls - **YMG KOLLENGOD PALAKKAD**

Runner girls - **DSA KOLLAM**

In the first day we have completed up to the pre quarter final matches in both boys and girls categories. The prizes was distributed by the **Director of KMEA GROUP OF INSTITUTIONS DR. AMARNISHAD.**





KMEA Engineering College  
Approved by AICTE  
Recognized by UAC & NBA (M.E., C.E., EEE, EC, CSE)



DEPARTMENT OF PHYSICAL EDUCATION

# KMEA SOCCER CUP-2

ALL KERALA INTER SCHOOL 11S FOOTBALL TOURNAMENT

ON 16<sup>th</sup> & 17<sup>th</sup> APRIL 2024

The KMEA Soccer Cup Season 2 was a grand and thrilling event, showcasing the exceptional football talent from various schools. The tournament was held at KMEA Engineering College and organized by the Department of Physical Education, ensuring a well-structured and spirited competition. The event was inaugurated by Dr. Amar Nishaad, Principal of KMEA Engineering College. His inspiring speech set a positive tone for the tournament, motivating all participants to give their best.







**KMEA SOCCER CUP SEASON II**  
**ALL KERALA INTER SCHOOL FOOTBALL TOURNAMENT**

16<sup>th</sup> & 17<sup>th</sup> APRIL 2021

**FIXTURE**



Dept. of Physical Education



13/4/21  
 PRINCIPAL

**IBA Accredited U.G Programmes:**  
 Civil Engineering; Computer Science and Engineering;  
 Electrical and Electronics Engineering; Electronics and Communication  
 Engineering; Mechanical Engineering.

E-mail: office@kmeacollege.ac.in www.kmeacollege.ac.in  
 Kuzhivellipady, Edathala, Cochin - 683561  
 Kerala, India. Phone: 0484 2411003, 2411004

#### Winners and Prizes:

- First Prize: Mar Basil HSS, Kothamangalam – 10000/- & Trophy
- Second Prize: GHSS Ashram – 6000/- & Trophy
- Third Prize: GHSS Edathala and GHSS Thrissur – 3000/- X 2 & Trophy



#### Prize Distribution:

The prize distribution ceremony was graced by **Dr. Soni John**, Psychologist of the Indian Archery Team. And he commended the participants for their dedication and presented the awards to the winning teams, making the ceremony memorable.

# **KIC Annual Report 2023-24**

**ANNUALREPORT2023-24**  
**KMEAENGINEERINGCOLLEGE**  
**KMEAInstitution's Innovation**  
**Council (K-IIC)**



**A. ABOUTK-IIC**

The Institution's Innovation Council at KMEA Engineering College is focused on building a full ecosystem to encourage an innovation culture across the KMEA, from ideation to pre-incubation, incubation, and graduation from the incubator as successful start-ups. KMEA IIC or K-IIC will also focus on evaluation methods to identify and nurture students who will transition from dependent to startup status. IIC was established to inspire our students' creativity to work on new ideas and innovation and to promote them in the creation of start-ups and entrepreneurial enterprises. K-IIC has taken steps to inculcate the incubation and start-up mantra among students and faculties by aligning with various state and central government programs over the years.

**Vision**

To cater for the needs of students as well as faculty entrepreneurs with innovative ideas of social relevance and thereby disseminating a culture of entrepreneurship in the campus which will boost our education system and thereby growing the national economic and social development. Also, to inculcate the incubation start-up practices among students, through their academic calendar, making them nurture their ideas, bring them to conceptual stage, promote funding through various schemes and programs, while encouraging them to transform to a start-up through incubation.

**Mission**

To develop a system with the required infrastructure that can enable students and faculty to innovate and prototype their ideas with industrial standards and support from Government, industry and reputed academic institutions around the world and help them to realize their potentials

**Journey of IIC at KMEA**

KMEA IIC or K-IIC was established in the year 2018, under MoE-GOV of India to establish an innovative and startup ecosystem on the campus. IIC follows the activity calendar provided by MoE. KMEA IIC became one of the IICs in Kerala with THREE Star performance in the year 2018-2019, FIVE Star rating for

the

academic year, 2019-2020, FOUR star rating for the academic year, 2020-2021, THREE POINT FIVE star rating for 2021-2022 and THREE POINT FIVE star rating for 2022-2023. The college is actively participating in MIC driven activities, IIC driven activities and self-driven activities on innovation, IPR and entrepreneurship.

### **Objectives of K-IIC**

- To streamline the activities under the KIC for value addition towards IIC and ARIIA ranking
- To understand, evaluate and disseminate objectives framed under each KIC entity so that the objectives may be equally shared and supplemented, while not contradicting each other.
- To work in alignment with National objectives under the NISP program, while excel in contribution towards IIC and ARIIA each academic year.
- To disseminate information at each level in the college, working towards common goal, while passing information to students and faculty so that innovation and start-up culture may be inculcated through concentrated efforts.
- To evaluate the performance of each entity in KIC, to do a mapping between efforts and outcomes on a regular basis.
- To equip students to test, fail and then correct their ideas so that they are made industry ready to leave the campus.
- To be a guiding light in the society, where the institution exist, addressing socioeconomic, women empowerment, environmental and gender neutrality issues.
- Be the framework for students and faculties to develop their ideas, while identifying the support programs and initiatives by the Government at state and central levels.

### **Functions of K-IICs**

- To conduct various innovation and entrepreneurship-related activities prescribed by IIC in a time-bound fashion.
- Identify and reward innovations and share success stories.
- Organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators.
- Network with peers and national entrepreneurship development organizations.
- Create an Institution's Innovation portal to highlight innovative projects carried out by the institution's faculty and students.
- Organize Hackathons, idea competitions, mini-challenges etc. with the involvement of industries.

### **B. Key Functionaries at K-IIC**

<b>Sl. No.</b>	<b>Name of Member</b>	<b>Member Type (Teaching/ Non-teaching/ External expert)</b>	<b>Key Role/ Position assigned in IIC</b>
1	Dr. Amar Nishad T.M	Head of the Institution	Member
2	Dr. Rekha Lakshmanan	Vice Principal	Member
3	Mr. Manu Francis	<b>External expert</b>	Member
4	Ms. Sreevidya KG	<b>External expert</b>	Member
5	Mr. Dixon Melitt James	<b>External expert</b>	Member
6	Ms. Jeena Yousuf	<b>External expert</b>	Member
7	Dr. Bijesh Paul	Teaching	IQAC coordinator
8	Dr. Sangeetha CP	Teaching	President
9	Mr. Muhammed Ajmal	Teaching	Vice President
10	Dr. Smitha KM	Teaching	Academics coordinator
11	Dr. Sajith TA	Teaching	Research & NIRF coordinator

12	Ms.FaznaNazim	Teaching	IICConvener
13	Mr.PaulosePaulose	Teaching	Startupactivity coordinator
14	MrRajeeshRPillai	Teaching	Internship activity coordinator &KDISCcoordinator or
15	Mr.RijulM	Teaching	IEDCNodalOfficer
16	Ms.AliyaShahul	Teaching	IEDCAsstnodal Officer
17	Mr.BinishMC	Teaching	IPR&Incubation coordinator
18	MsJasnaAAzeez	Teaching	ARIIA&NISP coordinator
19	DrFaseelaCK	Teaching	Hackclubcoordinator
20	Ms.AbeeraVP	Teaching	EDCcoordinator
21	Ms.ShailaC K	Teaching	E-Yantracoordinator
22	Ms.ShahinaMS	Teaching	Tinkerhub coordinator
23	Ms.ShikhaUS	Teaching	HackClub

			coordinator
24	DrBijiChinammaThomas	Teaching	YuktiandASAP coordinator
25	Ms.SabeenaSalam	Teaching	PMKVYcoordinator
26	Ms.ShyniShajahan	Teaching	Member
27	Ms.LakshmiEG	Teaching	Member
28	Ms.Neenu B	Teaching	Member
29	Ms.AbiniMA	Teaching	Member
30	Dr.DanielPaulT	Teaching	Member
31	Ms.AsnaFathima	Student(CE)	IICStudentPresident &Innovationstudent coordinator
32	Mr.FarhanShabeer	Student(CE)	IIC/YuktiStudent Vice President
33	Mr.PranavMohan	Student(CE)	Social media student coordinator&ARIIA President
34	Mr.MansoorMajeed	Student(CS)	Startupstudent coordinator



35	Ms.Asiya	Student(CS)	EDCPresident
36	Mr.AhamedJishfanMS	Student(ME)	IEDCPresident
37	Ms.ShahanazAH	Student(CS)	IEDCVicePresident
38	Mr.MuhammedRiyasM	Student(ME)	KDISCPresident
39	MsAfreethaAfzal	Student(EI)	E-YantraPresident
40	Ms.AnupamaPT	Student(EC)	IPR-President
41	Mr.SalmanulFarizy	Student(CS)	TinkerhubPresident
42	Ms.SafnaPH	Student(EEE)	HackclubPresident
43	MrAnandhuBalachandran	Student(ME)	KICConvener
44	Mr.JenjaxVJ	Student(EEE)	Member
45	Mr.MuhammedArshaq	Student(EC)	Member
46	MohamedMusthafaAK	Student(RA)	Member
47	SarangK	Student(RA)	Member
48	MuhammedNiyas	Student(RA)	Member

49	KarthikNNair	Student(RA)	Member
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**ExternalRepresentationfromIndustry:**

Sl.No.	NameandDetails
1	Mr.ManuFrancis
2	Ms.SreevidyaKG
3	Mr.DixonMelittJames
4	Ms.JeenaYousuf

- K-IIC consists of 26 teaching faculties and 19 student members from different departments united for the same goal of working for the vision and mission of IIC at the institution during the academic year 2023-2024.
- During the academic year 2023-2024, 20 faculties were trained as Innovation ambassadors. Out of 20, 10 IAs undergone advanced level training.
- At KMEA we have a DIC sponsored incubation unit with all the lab and infrastructure facilities, in which currently one company has been given pre-incubation space to develop their idea and product.
- At K-IIC, under the leadership of the senior innovation ambassadors, we host anIPR Cell to facilitate all the IP related activities.

**C. PORTFOLIO**

SINo	ResourceTitle	Strength
1	IIC Members	50
2	InnovationAmbassadors	20
3	FacultyMentors	10
4	IncubationUnit	2000sq.ft

**D. INFRASTRUCTUREANDFACILITIES**

Theinstitution has a sprawling campusspreadover25 acres and 70.529 cents with modern buildings, technology-enabled classrooms, internet with Wi-Fi, library with a reading room, digital library, well-equipped laboratories, central computing facility, spacious hostels for the students, seminar halls and an auditorium. We have 33spaciousclassroomswithproperventilationandlighting,ofwhich12classrooms

are equipped with ICT facilities. We have four seminar halls with ICT facilities. The college has well-equipped labs for all branches that incorporate modern technology and facilitate interactions between faculty members and students. Sports facilities for students such as basketball court, football and cricket ground, volleyball court, indoor badminton court etc. are provided. All sports activities are coordinated by the Department of Physical Education. There are sufficient numbers of conference halls and an auditorium for organizing cultural and literary events. A fully equipped auditorium with a seating capacity of 1000 is available for organizing intercollegiate as well as Intra college cultural events every year.

### **IEDC**

IEDC stands for **Innovation and Entrepreneurship Development Centre**, is conducting different innovative and start-up activities to enable students to start startups. These activities are funded by the start-up mission of Kerala state. Students and teachers are participating in various startup activities in college and outside. Faculty Coordinators of the club are Mr. Paulose Paulose and Mr. Rijul M and the student coordinator is Mr Jishfan from the ME department.

### **EDC**

The Entrepreneurship Development Club (EDC) at KMEA is promoted by the Govt. of Kerala Directorate of Industries & Commerce to foster techno-entrepreneurship for the generation of wealth and employment. The mission of the EDC is to develop institutional mechanisms to create an entrepreneurial culture among the stakeholders and to foster growth entrepreneurship amongst the students, faculty and the society at large. The faculty coordinator of the EDC at KMEA is Asst. Prof Abeera V P with student coordinator Ms Ameena A K.

### **Electronic Incubator (Electronic Startup Incubator)**

This is a facility having 2000 sq. ft., established by DIC to perform student's ideation and prototype development needs. Students and teachers are using this facility for their entrepreneurship development. A team of KMEA alumni has been given pre-incubation space to develop their idea and product. They are proceeding with the registration of the company and also have acquired their incubation space with all the facilities provided by the college in the incubation period.

### **K-DISC (Kerala Development and Innovation Strategic Council)**

The Kerala Development and Innovation Strategy Council, (K-DISC) is a strategic think-tank and advisory body constituted by the Government of Kerala. K-DISC aims at bringing out path-breaking strategic plans that reflect new directions in technology, product and process innovations, social shaping of technology and creating a healthy and conducive ecosystem for fostering innovations in the State.

The various objectives of KDISC are promotion of innovation, establishment of a supportive eco system, enhancing of innovation spirit and talent, specifically young talent, developing systems for translational Engineering in the State jointly with universities, etc. We are actively participating in Young Innovators Programme which aims to empower future innovators to innovate new products, services or models to meet emerging requirements, unarticulated needs, or existing market needs of the society more effectively through an innovative challenge. Also, KMEA is joining hands with other higher educational institutions for KDISC- Innovation cluster program to support various MSME clusters. Two funded projects (Edathala Panchayath Kudumbasree and Aluva Plastics) were awarded as part of One District One Idea (ODOI)-MSME innovation cluster development programme.

### **IntellectualPropertyRights(IPR)Cell**

IPR Cell adopts a sound IP strategy, to secure IPR for a large base of knowledgeable faculties and highly talented students at the college to promote their regular project and research activities having innovation potential. The IPR Cell is an exclusive unit dedicated to strategizing the process of setting up structured processes to identify, facilitate and develop innovation at the campus. IPR cell is here to provide relevant, timely and targeted support to inventors in protecting their IPR and to boost confidence in generating IPR to make the innovator or entrepreneur self-reliant in finance and preserve their ideas/innovations. The faculty coordinator for the IPR Cell in KMEA is Asst. Prof. Binish M. C and the student coordinator is Mr. Sharan K S.

### **E. ACHIEVEMENTS**

Sl.No	Achievements	Number
1	I&E, IPR activities	65
2	Ideas generated	79
3	Innovation prototype developed	15
4	No. of IP filed	1
5	Amount spent for promotion of innovation-related activities	65000
6	Amount funds supported to students	25000

### **F. BEST IIC STUDENT ACHIEVEMENTS**

Sl.No.	Nameofstudent	Department	Company
1.	AbdulHafis	EEE,2018-2022	HardwareEngineer,Nimo InnovationPvtLtd.
2.	Sharan K S DivyaLakshmiP MuhammedJezwan	ECE,2019-2023 ECE,2019-2023 CSE,2020-2024	Directors,ProtoheimPvt Ltd.(Incubatee-KMEA Incubation Centre)
3.	MansoorMajeed Fahas Basil K j Shahanaz A H Abdul Sameeu Aman T F Nidal Yoonus Selmanul Farizy C A Kalidas FathimaShebreen DhilshadV A	CSE,2020-2024 CSE,2020-2024 CSE,2020-2024 CSE,2020-2024 CSE,2020-2024 CSE,2020-2024 CSE,2021-2025 CSE,2021-2025 CSE,2021-2025	TZETITSolutionsPvt Ltd.(Incubatee-KMEA Incubation Centre)
4.	MuhammedJezwan Aina Fathima Abina Fathima	CSE2020-2024	Company: Menosafe Receivedideagenerationfund ofRs.90000/-fromChunauti Scheme, STPI, Govt of India Project:Sanitary Napkin Vending Machine
5.	FathimaAsnaMA NoorulHaqueTN Adarsh T S	CE2021-2025 ECE2021-2025 ECE2021-2025	Team:iBIN Receivedideagenerationfund ofRs.90000/-fromChunauti Scheme, STPI, Govt of India Project: Smart Bin
6.	FathimaAsnaMA	CE2021-2025	SelectedasCampusExecutive Entrepreneurship cell IITBombay

#### G. BESTINNOVATIONS

- iBIN:Aninnovativewastemanagementtechniquewhichgotselectedfor Chunauti funding of Rs. 90000/- during 2022-23 by Asna Fathima, S5 CE
- Automatic Sanitary Vending Machine: Women empowerment project received funding from Chunauti scheme Rs. 90000/- by Ms. Aina and Jeswan, S7 CSE

#### H. STARTUPSESTABLISHEDATKMEA INCUBATION

Sharan K S DivyaLakshmi P MuhammedJezwan	ECE,2019-2023 ECE,2019-2023 CSE,2020-2024	Directors, Protoheim Pvt Ltd.(Incubatee-KMEA Incubation Centre)
MansoorMajeed FahasBasilKj	CSE,2020-2024 CSE,2020-2024	TZETITSolutionsPvt Ltd.(Incubatee-KMEA

ShahanazAH	CSE,2020-2024	IncubationCentre)
AbdulSameeu	CSE,2020-2024	
AmanTF	CSE,2020-2024	
NidalYoonus	CSE,2020-2024	
SelmanulFarizy	CSE,2021-2025	
CAKalidas	CSE,2021-2025	
FathimaShebreen	CSE,2021-2025	
DhilshadVA	CSE,2021-2025	

## I. PARTICIPATION IN VARIOUS PROGRAMS

- **ARIIA (Atal Ranking of Institutions on Innovation Achievements)**

ARIIA is established by MoE-GOVT of India for ranking educational institutions based on innovative and startup activities organized in the institution. KMEA participated in the 2019-2020 ARIIA ranking process and obtained 64th position in the national level ranking. KMEA is included in the 'PROMISING BAND' of ARIIA ranking for the academic year 2019-2020. KMEA also participated in NIRF innovation category during 2022-23 and 2023-24.

- **NISP ADOPTION STATUS**

The NISP cell has been formed with the faculty coordinator as Ms. Jasna K Azeez. The NISP institute cell has framed startup policy for KMEA and it is approved.

- **YUKTI SCHEME**

KMEA participated in e-repository YUKTI scheme where staff and students contributed 82 ideas, 18 prototypes and 2 startups through IIC portal.

## J. ACHIEVEMENTS

- KMEA-IIC received star rating of 3.5 by Ministry of Education, Government of India
- KMEA Engineering college has been selected as 'Mentor' for five mentee institutions to streamline and assist the IIC activities in their campus
- IIC President of 2023-24, Dr Sangeetha C P has been invited as a resource person for the IIC Regional Meet 2024 at CUSAT on 16 January 2024 by MIC, GoI
- Anandhu Balachandran and Ammer Shahul M P of ME Department bagged second prize in state level competition organised by Kerala State Productivity Council, February 2024-10-26
- Three student team got shortlisted for Tomato Grand Challenge (TGC) 2023 by MoE, GoI
- Agrispan student project of Robotics and Automation department got shortlisted by e-Yantra Innovation Challenge, IIT Bombay
- Two student team from RA and ECE department participated in surface boat competition at IIT Madras, April 2024-10-26

- Third startup of KMEA registered by Fathima Asna of Civil Engineering, May 2024-10-26
- Nafeela And Asst Prof Suriya Prasanth got shortlisted for paper presentation on the occasion of International Women’s day at VSSC, Trivandrum
- Agrispan project of Robotics department got shortlisted by KTU to exhibit at Robotics round table at Grand Hyatt, Kochi by Industries department, Government of Kerala, 23 August 2024
- Mubeena Mirshad of ECE department got shortlisted to attend the prestigious national level IDE boot camp by AICTE, MoE, GoI at RIT Kottayam, September 2024.

## K. SOCIALMEDIADetails



## L. TESTIMONIALS

### **DrSangeethaCP, IICPresident**

“KMEA-IIC has started functioning from the year 2018 onwards. The growth of innovative culture among staff and students has been visible from the various activities and competitions conducted within and outside KMEA. IIC-MoE is the motivation behind the innovation, start-ups and IPRs in KMEA”

## L.CONTACT

KMEAENGINEERING  
COLLEGE  
KUZHIVELIPADY,  
EDATHALA ALUVA-  
683561  
CONTACTNO:7902929294  
Email:[office@kmeacollege.ac.in](mailto:office@kmeacollege.ac.in)

## **6.5.3**

**Conference, workshop, seminar &  
FDP Reports**





C.H. MOHAMMED KOYA

**KMEA ENGINEERING COLLEGE**

APPROVED BY AICTE

AFFILIATED TO KTU



## **EVENT :ACCELERATORS AND INCUBATION**

### **Event Details**

<b>Date</b>	<b>Time</b>	<b>Mode</b>
17/08/2024	11:00 AM	online

## Faculty in charge

Name	Designation
Dr Sangeetha C P	IIC coordinator

### Objectives :

This session ensures a comprehensive understanding of incubation and accelerator programs, their benefits, and how startups can maximize their participation.

### Report of the event:

A session on 'Accelerators and Incubation' was conducted on 17th August 2024 at 11 am. The students who registered for the event were added to a group to know the session details. The session started with an introduction about the resource person Mr Akhil Madav by Karthik N Nair, Student S3 RA. The session was taken by Akhil Madhav , Program Manager, Start2group, German Accelerator. He prepared slides for better knowledge of incubation and the session was quite interactive. The session includes details like what is incubation and accelerator, when to approach incubation, how to approach

accelerator programme etc. The session lasts two hours and ended with vote of thanks by Karthik N Nair. The session was much successful. Number of participants were 40 from various departments.



C.H. MOHAMMED KOYA  
**KMEA ENGINEERING COLLEGE**  
Approved by AICTE    Affiliated to APJ Abdul Kalam Technological University  
EDATHALA PO, COCHIN, KERALA, INDIA 683561



# DEPARTMENT OF ROBOTICS & AUTOMATION

*organises*

## *Session on* **Accelerators and Incubation**



*led by*

### **ARKHIL MADAV**

(Program Manager - Start2group  
German accelerator)



<https://meet.google.com/nxi-wvox-tyh>



11:00 A. M, 17<sup>th</sup> August 2024



Onedrive - cloudstream | Search - Google Drive | ChatGPT - Google Drive | Meet - zoom.us | You are signed in as ash

meet.google.com/ncw-wwxx-tyh

Ashi Madav (Presenting)



Be a studentpreneur

# INCUBATORS x ACCELERATORS

KJEC COLLEGE OF ENGINEERING

11:05 AM | ncw-wwxx-tyh

People

Mute all Add people

Search for people

WEALTHCAMP

Contributors 24

- Dr. Sangeetha C.P (Host) Muting host
- ADITH DEVI KR
- Ashi Madav
- Ashi Madav
- Divya shankar

11:05 AM

Onedrive - cloudstream | Search - Google Drive | ChatGPT - Google Drive | Meet - zoom.us | You are signed in as ash

meet.google.com/ncw-wwxx-tyh

Ashi Madav (Presenting)



## HOW TO GENERATE A STARTUP IDEAS

Identify Problems or Pain Points

- Observe everyday challenges people face.
- Consider problems you've personally encountered.
- Look for inefficiencies in solving processes.
- Focus on areas where you have expertise or a strong interest.

Participate in hackathons or startup events to generate ideas.

11:11 AM | ncw-wwxx-tyh

People

Mute all Add people

Search for people

WEALTHCAMP

Contributors 22

- Dr. Sangeetha C.P (Host) Muting host
- ADITH DEVI KR
- Ashi Madav
- Ashi Madav
- Divya shankar

11:11 AM

Meeting: Ashi Madav (Presenting)

## INCUBATION CENTERS IN KERALA

- Kerala Startup Mission (KSJM)  
Focus: General Technology, Social Impact
- Maker Village  
Focus: Hardware, IoT, Electronics, Robotics
- BioQuest (Rajiv Gandhi Centre for Biotechnology)  
Focus: Biotechnology, Life Sciences
- Kerala Institute for Entrepreneurship Development (KIED)  
Focus: General Entrepreneurship, Skill up
- NASSCOM 10,000 Storage Warehouse (Kochi)  
Focus: Information Technology, Digital Startup
- IM Kozhikode, IIT  
Focus: Business, Management, Technology
- Startup Valley, Amal Jyothi College of Engineering  
Focus: Technology, Engineering, Product Development
- Amrita TBI (Technology Business Incubator)  
Focus: Technology, Social Innovation, Healthcare
- FabLab Kerala  
Focus: Digital Fabrication, Product Design Innovation

11:29 AM | no-ivox-tvb

Taskbar: Google Chrome, Microsoft Edge, VLC media player, Zoom Meeting, WhatsApp, Telegram, Signal, Slack, Spotify, OneDrive, File Explorer, Task View, Search, System Tray (Network, Volume, Power, Time: 11:29 AM)

Meeting: Ashi Madav (Presenting)

## STARTUP SUCCESS STORIES

<b>OLA</b> Program incubated at IIT Bombay's business incubator.	<b>unacademy</b> Program incubated at IIT Bombay's business incubator.
<b>meesho</b> Program: Part of Y Combinator's Summer 2016 batch.	<b>Urban Company</b> Program incubated at IIT Bombay's business incubator.
<b>zomato</b> Program: Supported by IITs Edge incubation program.	<b>airbnb</b> Program: Part of Y Combinator's program.
<b>SWIGGY</b> Program incubated by Accel Partners.	

11:35 AM | no-ivox-tvb

Taskbar: Google Chrome, Microsoft Edge, VLC media player, Zoom Meeting, WhatsApp, Telegram, Signal, Slack, Spotify, OneDrive, File Explorer, Task View, Search, System Tray (Network, Volume, Power, Time: 11:35 AM)



**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	CIVIL ENGINEERING
<b>Name of the Head of the Department</b>	Dr. Sija Arun

**Type of Activity:**

**Seminar**

**Title of Activity :**

Workshop on “3D PRINTING WORKSHOP”

**Objective :**

The aim of the workshop is to give awareness among the students, about the concept of 3D Printing Technology.

**Level of activity ( College/Regional / National / International ) and target audience**

College Level S6 Students

**Expected outcome - academic / social / commercial**

Add rows as required

•
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Add rows as required

**Programme details**

Date	Time	Activity	Venue	Infrastructural requirements and availability
1/04/24	1.15 pm	Workshop	Seminar Hall, Auditorium block, KMEA Engineering College	Projector , Screen , sound system

**Resource Person Details :**

Name	Designation	Organization	Area of Expertise
Mr.Sunil Paul	Visiting Faculty	KMEA Engineering College	R

Add rows as required

**Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.**

Name	Address	Website	Contact person , designation, email	Roles in collaborating/participating	Financial commitment# in
Mr.Sunil Paul	Visiting Faculty, KMEA Engineering College		Mr.Sunil Paul, Visiting Faculty, KMEA Engineering College		NIL

<b>Budget Estimates</b>		
-------------------------	--	--



Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil			
Stationery, printing,				
Travel, Stay and DA				
Other(please write each heading in each row				
<b>Total</b>				Nil

### Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Ms. Husaiba N M/Mr.Muhammed Ajmal	Mr.Amal J
Exact designation	Assistant Professor	Assistant Professor
Department	Civil Engineering	Civil Engineering
Cell number	9846866675/8089899776	9074545442
Email	hnm.ce@kmeacollege.ac.in/ maj.ce@kmeacollege.ac.in	amj.ce@kmeacollege.a c.in
Signature		

### Report of the Event: (Minimum 500 Words)

The session started at 1.30P.M. with a welcome speech by Asst. Prof. Muhammed Ajmal. The seminar began with an introduction to 3D printing technology, explaining the concept of additive manufacturing, types of 3D printers, and materials used in the process. Attendees were briefed on the diverse applications of 3D printing. They learned how to translate their ideas into digital models suitable for 3D printing. live demonstration of the 3D printing process was conducted, showcasing the various stages involved from loading the design file to the final printing of the object. Different printing techniques and settings were explained. The seminar concluded with a discussion on the future trends and challenges in 3D printing technology. Topics included advancements in materials, scalability, regulatory issues. The vote of thanks was delivered by Asst. Prof. Amal J.

**\*NB: Attached the following documents:**

- 1. Registration Form - NA**
- 2. Poster-attached**
- 3. Screen shots of the event covering resource person and participants-NA**
- 4. Certificate - NIL**
- 5. Feedback Form**

**HOD**

**PRINCIPAL**











**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	CIVIL ENGINEERING
<b>Name of the Head of the Department</b>	Dr. Sija Arun

**Type of Activity:**

<b>Seminar</b>
----------------

**Title of Activity :**

Seminar on "BIM & CONSTRUCTION MANAGEMENT"
--

**Objective :**

The aim of the seminar is to give awareness among the students, about Building Information Modelling & Construction Management.
---

**Level of activity ( College/Regional / National / International ) and target audience**

College Level S8 Students
---------------------------

**Expected outcome - academic / social / commercial**

Add rows as required

<ul style="list-style-type: none"> <li>•</li> </ul>
---

Add rows as required

**Programme details**

Date	Time	Activity	Venue	Infrastructural requirements and availability
225/03/24	10.00 am	Seminar	KMEA Engineering College, Auditorium	Projector , Screen , sound system

**Resource Person Details :**

Name	Designation	Organization	Area of Expertise
Mr.Sijo Joseph	Director, CAD Campus India Private Ltd.	CAD Campus India Private Ltd.	

Add rows as required

**Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.**

Name	Address	Website	Contact person , designation, email	Roles in collaborating/participating	Financial commitment# in
Mr.Sijo Joseph	CAD Campus India Private Ltd.		Mr.Sijo Joseph, Director		NIL

<b>Budget Estimates</b>		
-------------------------	--	--

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil			
Stationery, printing,				
Travel, Stay and DA				
Other(please write each heading in each row				
<b>Total</b>				Nil

### Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Ms. Husaiba N M	Mr.Muhammed Ajmal
Exact designation	Assistant Professor	Assistant Professor
Department	Civil Engineering	Civil Engineering
Cell number	9846866675	8089899776
Email	hnm.ce@kmeacollege.ac.in	maj.ce@kmeacollege.a c.in
Signature		

### Report of the Event: (Minimum 500 Words)

The session was really inspiring and gave information on how an intelligent model-based process helps the professionals to plan, design, construct and manage buildings and infrastructure efficiently. The concept of BIM from Conceptual planning to final documentation stage and also the concept of digital twin was clearly explained. The session was really interactive. The faculties and final year students of Department of Civil Engineering also attended the session.

**\*NB: Attached the following documents:**



1. Registration Form - NA
2. Poster-attached
3. Screen shots of the event covering resource person and participants-NA
4. Certificate - NIL
5. Feedback Form

HOD

PRINCIPAL







**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	CIVIL ENGINEERING
<b>Name of the Head of the Department</b>	Dr. Sija Arun

**Type of Activity:**

<b>Seminar</b>
----------------

**Title of Activity :**

Expert Talk on “Evolution of water governance and pathway to sustainable development
--

**Objective :**

The aim of the seminar is to give awareness among the students, the importance of water governance and the equitable access of water to all sections of the society. World Water Day serves as a crucial reminder of the importance of water in sustaining life on our planet.
--

**Level of activity ( College/Regional / National / International ) and target audience**

College Level, S2,S4,S6,S8 Students
-------------------------------------

**Expected outcome - academic / social / commercial**

Add rows as required

- Inspired students to leverage water for peace
- Understand the evolution of water governance and its importance to sustain life in our planet.

Add rows as required

### Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
22/03/24	10.00 am	Seminar	KMEA Engineering College, Auditorium	Projector , Screen , sound system

### Resource Person Details :

Name	Designation	Organization	Area of Expertise
Dr.Rameesha T V	Junior Scientist	Water Transport and GIS division, NATPAC	Offshore Structures

Add rows as required

### Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Roles in collaborating/participating	Financial commitment# in
NATPAC	Junior Scientist/ Water Transport and GIS division, NATPAC		Dr.RAMEESHA T V, rameesha.natpac@gmail.com	Consultancy	NIL

<b>Budget Estimates</b>		
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Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	2000			
Stationery, printing,				
Travel, Stay and DA				
Other(please write each heading in each row				
<b>Total</b>				2000

**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Ms. Husaiba N M	Mr.Muhammed Ajmal
Exact designation	Assistant Professor	Assistant Professor
Department	Civil Engineering	Civil Engineering
Cell number	9846866675	
Email	hnm.ce@kmeacollege.ac.in	maj.ce@kmeacollege.a c.in
Signature		

**Report of the Event: (Minimum 500 Words)**

On March 22nd, 2024, a pivotal seminar titled "Evolution of Water Governance and Pathway to its Sustainable Development" convened at Conference Hall, marking World Water Day with a profound exploration of one of humanity's most pressing challenges. The seminar commenced with an opening address by Dr.Rameesha T.V, Junior Scientist/Water Transport

and GIS division, NATPAC, who emphasized the critical importance of reimagining water governance in the face of escalating water crises.

**\*NB: Attached the following documents:**

- 1. Registration Form - NA**
- 2. Poster-attached**
- 3. Screen shots of the event covering resource person and participants-NA**
- 4. Certificate - NIL**
- 5. Feedback Form**

**HOD**

**PRINCIPAL**



**C.H. MOHAMMED EDVA  
KMEA ENGINEERING COLLEGE**  
APPROVED BY AICTE  
AFFILIATED TO KJVS




ASSOCIATION OF CIVIL ENGINEERING STUDENTS  
organizes an expert talk on

**"EVOLUTION OF WATER  
GOVERNANCE AND  
PATHWAY TO SUSTAINABLE  
DEVELOPMENT"**



**DR. RAMEESHA TV**  
JUNIOR SCIENTIST  
WATER TRANSPORT AND GIS DIVISION  
NATPAC

IN CONNECTION WITH  
**WORLD WATER DAY**

**22 MARCH 2024, 10AM**  
**VENUE: KMEA ENGINEERING COLLEGE, AUDITORIUM**  
DEPARTMENT OF CIVIL ENGINEERING



















**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	CIVIL ENGINEERING
<b>Name of the Head of the Department</b>	Dr. SIJA ARUN

**Type of Activity:**

**SEMINAR**

---

**Title of Activity :**

**"Workshop on 3D modelling using Sketchup"**

---

**Objective :**

Add rows as required

To provide participants with a fundamental understanding of how to create a 3D model of a building with Sketchup a popular and user-friendly 3D modeling software.

---

Add rows as required

## Level of activity ( College/Regional / National / International ) and target audience

College Level, S3 Civil Students and staff

Add rows as required

### Expected outcome - academic / social / commercial

- Participants should gain a basic level of proficiency in navigating the SketchUp interface and using essential tools for creating and manipulating 3D models.
- Participants should develop a clear understanding of fundamental 3D modeling concepts, including geometry, surfaces, and spatial relationships.

Add rows as required

### Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
05/12/2023	3.00 pm to 4.00 pm	Seminar	Smart Classroom, Auditorium Block	Facilities available in CE Smart Classroom

Add rows as required

### Resource Person Details :

Name	Designation	Organization	Area of Expertise
Fida Fathima P J	Alumni ( 2019-23 batch)	Gambia Constructions, Thrikkakkara	Building Design

Add rows as required

### Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Roles in collaborating/participating	Financial commitment <sup>#</sup> in Rs.
Total Rs.					-----

<sup>#</sup>Mention role of Industry/organisation.

Add rows as required..

# Attach copy of letters received from participating industry showing intent / financial commitment etc.

## Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers			--	
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>				<b>NIL</b>

Add rows as required.  
Max assistance 3 Lakhs

## Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Fathima S Thaikudiyil	
Exact designation	Assistant Professor	
Department	Civil Engineering	
Cell number	9846270831	
Email	fts.ce@kmeacollege.ac.in	
Signature		

**Report of the Event: (Minimum 500 Words)**

The seminar started at 3.00pm on 5th December 2023 at CE smart classroom. After the welcome speech by Mrs. Fathima S Thaikudiyil, Assistant Professor, CE Department, our Alumni Fida Fathima P J started the session with a discussion on the importance of 3D modelling in the industry. She provided clear explanations, ensuring that participants, regardless of their prior experience, were able to follow along. She explains how SketchUp can be used in architecture, interior design, urban planning, and other related fields. She also Teach participants efficient workflows for creating, modifying, and organizing 3D models in SketchUp. She introduce participants to rendering techniques and tools within SketchUp to enhance the visual quality of their models.

The seminar ended at 4.00PM after the question answer session with a vote of thanks by the coordinator .

**\*NB: Attach the following documents:**

1. **Registration Form - Sample**
2. **List of participants(attendance sheet with Signature)**
3. **2 Event photo (Covering Resource Person& Screen, Audience) with Date**
4. **Poster/ Brochure**
5. **Certificate - Sample**
6. **Feedback Form - Sample**
7. **Collected feedback ( Should keep it in Department and produce whenever instructed)**
8. **2 Minutes Video (Should keep it in Department and produce whenever instructed)**

**HOD**

**PRINCIPAL**



C H Mohammed Koya  
**K M E A Engineering College**  
A NAAC Accredited Institution  
(Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University)



DEPARTMENT OF CIVIL ENGINEERING

# WORKSHOP ON 3D MODELLING USING SKETCHUP

DECEMBER 05 , 2023  
TUESDAY 3:00 PM - 4:00PM  
VENUE : SMART CLASSROOM  
(Auditorium Block)



**FIDA FATHIMA P.J**

ALUMNI (2018 - 23)







C.H. MOHAMMED KOYA

**KMEA ENGINEERING COLLEGE**

APPROVED BY AICTE

AFFILIATED TO KTU

**INTERNAL QUALITY ASSURANCE CELL**



<b>Name of the club/Department</b>	ELECTRONICS AND COMMUNICATION
<b>Staff in charge</b>	AMRUTHA P R

**Type of Activity:**

Hands-on-session

**Title of Activity:**

Workshop

**Objective:**

To familiarize third semester students about deep learning techniques and artificial intelligence.

**Level of activity (College/Regional / National / International) and target audience**

College level

**Expected outcome - academic / social / commercial**

- commercial

**Program details**

Date	Time	Activity	Venue
19/08/2024-24/08/24	9 AM-4 PM	Workshop	Systems lab

**Resource Person Details :**

Date	Name	Designation	Remuneration
------	------	-------------	--------------



19/08/2024- 24/08/2024	Aesthetics pvt ltd		
---------------------------	--------------------	--	--

## **REPORT**

The five day development programme for fifth semester students was conducted to provide the basics of artificial intelligence and deep learning techniques. An inaugural function was held on the first day of the program. The inaugural function was attended by the Head of EC department Dr. Shahin M abdulla, and faculty members of ECE department. 27 students are actively participated in the session. The session includes

Session 1:Foundations of AI and ML

Session 2: Deep dive in to advanced AI platforms

Session 3:More AI platforms unveiled

Session 4: Hands on experience with AI platforms

Session 5: Real world applications and case studies

Session 6: Deep learning techniques and its challenges and applications

Add Poster and photos.

# ADD ON COURSE

On AI, ML and Deep learning  
For S5 Students

Venue : Systems Lab

Time : 9:30 AM - 4 :30 PM

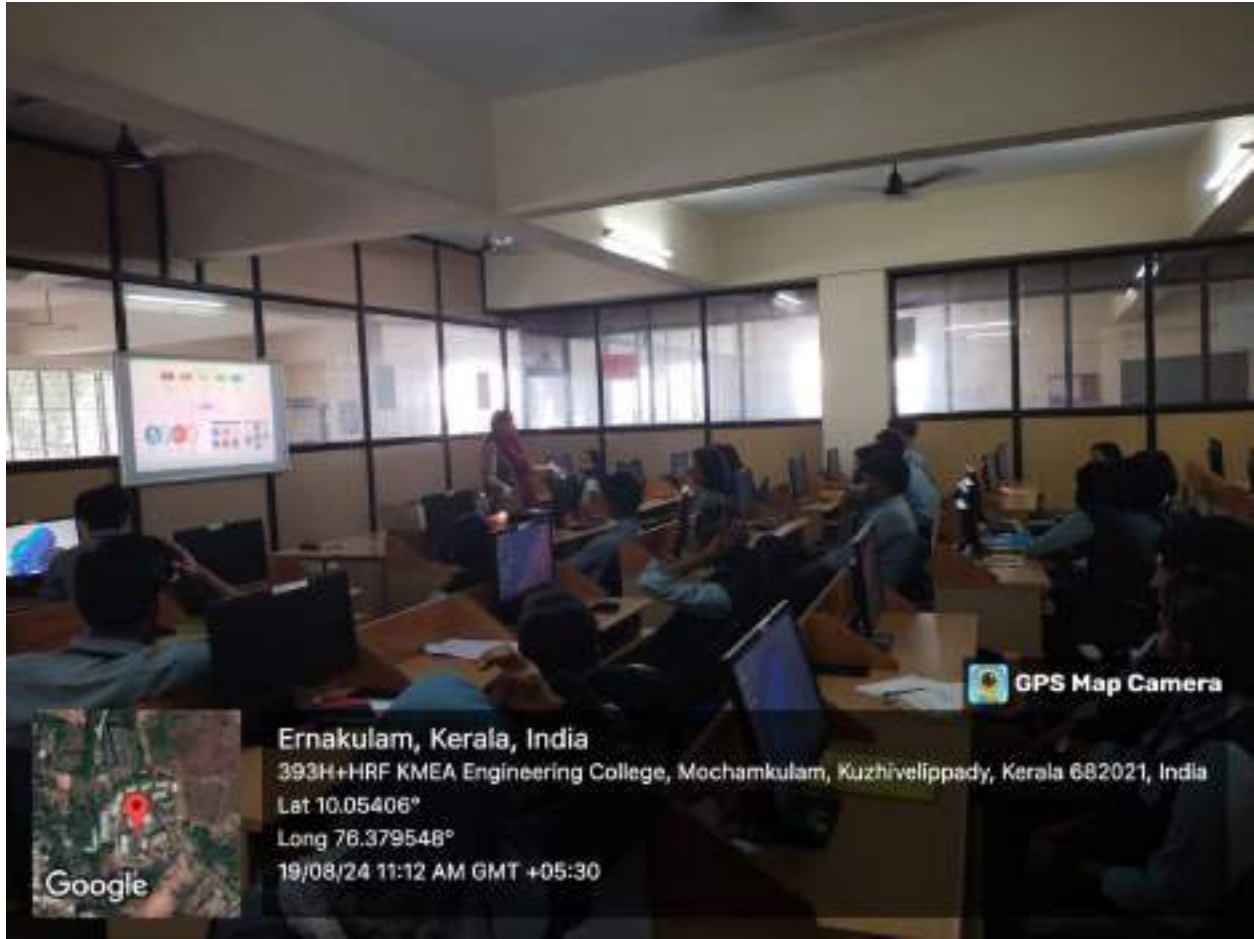
Date : August 19th to 24th



**ORGANIZED BY**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION**







Ernakulam, Kerala, India  
393H+HRF KMEA Engineering College, Mochamkulam, Kuzhivelippady, Kerala 682021, India  
Lat 10.05406°  
Long 76.379548°  
19/08/24 11:12 AM GMT +05:30



C.H. MOHAMMED KOYA

**KMEA ENGINEERING COLLEGE**

APPROVED BY AICTE

AFFILIATED TO KTU

### INTERNAL QUALITY ASSURANCE CELL



<b>Name of the club/Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Staff in charge</b>	Mrs. Abeera V P

**Type of Activity:**

Hands-on-session

**Title of Activity:**

Industrial visit

**Objective:**

To familiarize fourth semester students with invaluable insights into the latest trends, technologies, and innovations in computer science.

**Level of activity (College/Regional / National / International) and target audience**

College level

**Expected outcome - academic / social / commercial**

- commercial

**Program details**

Date	Time	Activity	Venue
11/07/2024	3 PM-6 PM	Industrial Visit	Archon Solutions

**Resource Person Details :**

Date	Name	Designation	Remuneration



**KMEA Engineering college**

**Department of Computer Science  
and Engineering**

# **INDUSTRIAL VISIT REPORT**

**At Archon Solutions**

**On 11-07-2024**

## **INTRODUCTION**

The S4 students of the Computer Science department embarked on a comprehensive industrial visit and tour, aimed at bridging the gap between academia and industry. This report highlights the visit's objectives, outcomes, and experiences.

## **OBJECTIVE**

The objective of the industrial visit was to provide hands-on experience, expose students to cutting-edge technologies, and foster meaningful connections with industry experts. The visit aimed to offer invaluable insights into the latest trends, technologies, and innovations in computer science.

## **ABOUT ARCHON SOLUTIONS**

Archon Solutions is a pioneering organization in the field of computer science, renowned for its innovative projects, products, and services. The company is at the forefront of technological advancements, making it an ideal destination for students seeking to explore the real-world implications of their studies.

## **OUTCOMES**

During the visit, students engaged in interactive sessions with industry experts, gaining a deeper understanding of the practical applications of theoretical concepts. Key outcomes included:

- Insights into the latest trends, technologies, and innovations in computer science
- Understanding of the company's projects, products, and services
- Knowledge of the skills and knowledge required to succeed in the industry
- Meaningful connections with industry experts

## **CONCLUSION**

The visit to Archon Solutions was a resounding success, providing students with a unique opportunity to explore the real-world implications of their studies. The experience was both enlightening and inspiring, and students returned with a newfound appreciation for the industry and a clearer understanding of their future career paths.







Kochi, KL, India

Railway Station Road, Edappally, Kochi, 682041  
KL, India

Lat 10.024425, Long 76.307185

07/11/2024 05:52 PM GMT+05:30

Note : Captured by GPS Map Camera

**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. BENA ZIR K K

**Type of Activity:**

<b>SEMINAR</b>
----------------

**Title of Activity:**

<b>SEMINAR ON CYBER SECURITY AND ETHICAL HACKING</b>
--

**Objectives:**

<ul style="list-style-type: none"><li>● Basic concepts of Cyber Security and Ethical Hacking</li><li>● Familiarize with:<ul style="list-style-type: none"><li>● - Surface web, Deep web, and Dark web</li><li>● - Remote Access Trojans (RATs) and Malware</li><li>● - Common hacking techniques (e.g., Phishing, SQL Injection, Cross-Site Scripting)</li></ul></li><li>● Understand how to prevent common hacking techniques through:<ul style="list-style-type: none"><li>● - Secure coding practices</li><li>● - Input validation and sanitization</li><li>● - Secure authentication and authorization</li><li>● - Regular software updates and patching</li></ul></li><li>● Learn about:<ul style="list-style-type: none"><li>● - Anonymity and privacy tools (e.g., Tor, VPNs)</li><li>● - Cryptography and encryption techniques</li><li>● - Incident response and threat hunting</li></ul></li></ul>
--

**Level of activity (College/Regional / National / International) and target audience**

COLLEGE LEVEL  Students
-------------------------------

**Expected outcome - academic / social / commercial**

ACADEMIC & COMMERCIAL
-----------------------

**Program details:**

Date	Time	Activity	Venue	Infrastructural requirements and availability
24.08.2024	1.30 pm	Workshop on Advanced Ideas of Cyber Security and Ethical Hacking	Smart Classroom	Smart Board

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
Shyam Krishnan	Marketing Executive	Techbyheart	Cyber Security and Ethical Hacking
Neeraj O	Cyber Security Analyst, Forensic Investigator		

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Addresses	Website	Contact person, designation, email	Roles in collaborating/ Participating	Financial commitment in Rs.
					Nil

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)

Remuneration to speakers	Nil	Nil	NA	Request given to AI Foundation India
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>				

#### Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Dr Benazir K K	Mrs. Vidya Hari
Exact designation	Associate Professor	Assistant Professor
Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number	9447660880	9447625552
Email	<a href="mailto:bkk.cs@kmeacollege.ac.in">bkk.cs@kmeacollege.ac.in</a>	<a href="mailto:vdh.it@kmeacollege.ac.in">vdh.it@kmeacollege.ac.in</a>
Signature		

#### Report of the Event:

On August 24, 2024, Techbyheart conducted a comprehensive seminar on cybersecurity and ethical hacking for S5 and S7 students of KMEA Engineering College. Resource persons Shyam Krishnan and Neeraj O led the engaging session, which aimed to foster collaboration and knowledge sharing among participants. The seminar provided valuable insights into the latest cybersecurity trends and threats, offering a thorough understanding of cybersecurity and ethical hacking principles. Students were familiarized with the surface web, deep web, and dark web, as well as Remote Access Trojans (RATs) and malware. They learned about common hacking techniques like phishing, SQL injection, and cross-site scripting, and gained knowledge on preventing these threats through secure coding practices, input validation, secure authentication, and regular software updates. Additionally, the seminar covered anonymity and privacy tools like Tor and VPNs, cryptography and encryption techniques, and incident response and threat hunting. Overall, the seminar was an enriching experience, equipping students with essential skills to navigate the cybersecurity landscape effectively.

**HOD**

**PRINCIPAL**



C.M. MOHAMMED KOFI  
**KMEA Engineering College**  
 Approved by AICTE  
 Accredited By MAAC & NBA (M.E, O.E, EEE, E.C, CSE)



TECH-BYHEART

**CYBER  
 SMART  
 2024**  
 Securing India's digital front



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

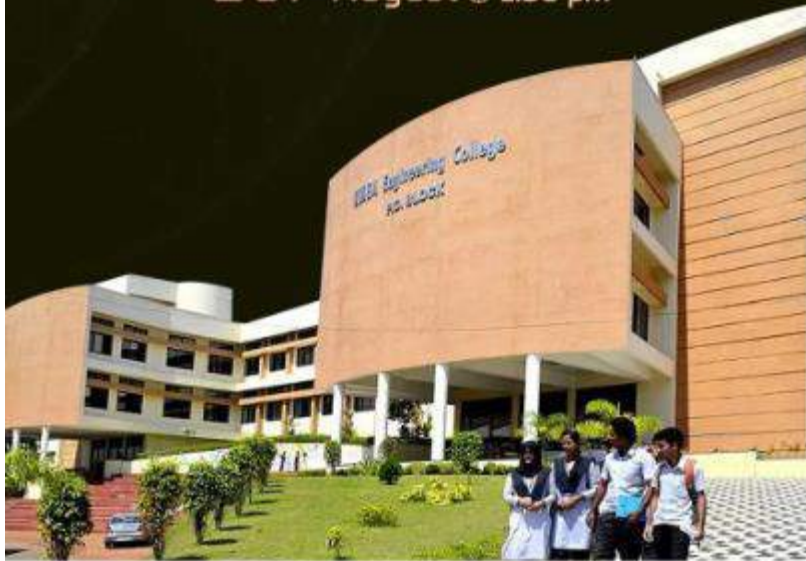
in association with

**Techbyheart** presents

Seminar on

# Cyber Security & Ethical Hacking

24<sup>th</sup> August @ 1.30 pm





 GPS Map Camera

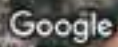
Ernakulam, Kerala, India

393H+HRF KMEA Engineering College, Mochamkulam, Kuzhivelippady, Kerala 682021, India

Lat 10.054064°

Long 76.379644°

24/08/24 02:29 PM GMT +05:30

 Google



 GPS Map Camera



Ernakulam, Kerala, India

393H+HRF KMEA Engineering College, Mochamkulam, Kuzhivelippady, Kerala 682021, India

Lat 10.054067°

Long 76.379646°

24/08/24 02:29 PM GMT +05:30



GPS Map Camera



Ernakulam, Kerala, India  
399H+HRF KMEA Engineering College, Mochamkulam, Kuzhivelippady, Kerala 682021, India  
Lat 10.054071°  
Long 76.379638°  
24/08/24 02:33 PM GMT +05:30

Google





Ernakulam, Kerala, India  
393H+HRF KMEA Engineering College, Mochamkulam, Kuzhivelippady, Kerala 682021, India  
Lat 10.054071°  
Long 76.379638°  
24/08/24 02:33 PM GMT +05:30



**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	<b>Department of Electrical &amp; Electronics Engineering</b>
<b>Name of the Head of the Department</b>	<b>Dr. Reena Sebastian</b>

**Type of Activity:**

**One day Talk Session & A Hands on Session**

**Title of Activity :**

**" One Day Workshop on Women Entrepreneurship Build-Your Own-Business "**

**Objective :**

**To provide valuable information, guidance, and inspiration to individuals interested in starting and growing their own businesses and to empower aspiring entrepreneurs by sharing knowledge, experiences, and practical tips that can help them navigate the challenges of entrepreneurship**

Add rows as required

Add rows as required

**Level of activity ( College/Regional / National / International ) and target audience**

Regional for Kudumbhasree members(Thengathussery ADS, WARD 4)

**Expected outcome - academic / social / commercial**

- understanding of the fundamentals of entrepreneurship, including business planning, financial management, marketing, and legal considerations..
- create comprehensive business plans, which serve as roadmaps for their businesses' growth and development.
- launch their own businesses, translating their ideas into viable ventures.

**Programme details**

Date	Time	Activity	Venue	Infrastructural requirements and availability
19/08/2023	10:30am to 12:30 pm	Talk session on Startup schemes for women entrepreneurship in kerala	ANGAN VADY 61 UNIT	
	1:30am to 4:30 pm	A Handon session on LEB bulb making		

**Resource Person Details :**

Name	Designation	Organization	Area of Expertise
Dr. Faseela C K	Associate Professor	Department of EEE,KMEA Engineering college.	Former IEDC Nodal Officer, power system
Mr.Mohammed Jaseem	Alumni-(2016-2020)	Department of EEE,KMEA Engineering college.	M.tech in power electronics, experience in Electrical accessories manufacturing industry

,Mr.Mohammed Aslam	Alumni- (2016-2020)	Department of EEE,KMEA Engineering college.	B.tech EEE. R & D Dept of Marine Electricals
--------------------	---------------------	---	--

**Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.**

Name	Address	Website	Contact person , designation, email	Roles in collaborating/participating	Financial commitment# in Rs.
NA					-----

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers			--	
Stationery, printing,				
Travel, Stay and DA				
Other(please write each heading in each row				
<b>Total</b>				

**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Neenu B	
Exact designation	Assistant Professor	
Department	EEE	
Cell number	9567479101	
Email	nub.ee@kmeacollege.ac.in	
Signature		

**Report of the Event: (Minimum 500 Words)**

The talk session started at 10.30am with 23 participants on 19<sup>th</sup> August 2023 at Anganvady unit no:61 ,Chunnaagenveli. After the welcome speech Ms.Neenu B session started with a discussion on the key aspects of the event, including the various schemes and programs available to support women entrepreneurs.Dr.Faseela elaborately discussed how to equip women with the skills, confidence, and networks needed to start and grow their businesses. The event featured presentations, panel discussions, interactive sessions, and networking opportunities.After that The LED Bulb Making Workshop, started at 1.30 pm with hands-on experience in assembling LED bulbs and to promote energy-efficient lighting solutions and provides a detailed guide on LED bulb making for startups, with a focus on the essential steps, equipment, resources, and challenges involved in establishing and growing an LED bulb manufacturing venture.. The talk session ended at 4.30PM after the interactive session with vote of thanks by Ms.Neenu B,Program coordinator.

**\*NB: Attach the following documents:**

1. **Registration Form - Sample**
2. **List of participants(attendance sheet with Signature)**
3. **2 Event photo (Covering Resource Person& Screen, Audience) with Date**
4. **Poster/ Brochure**
5. **Certificate - Sample**
6. **Feedback Form - Sample**
7. **Collected feedback ( Should keep it in Department and produce whenever instructed)**
8. **2 Minutes Video (Should keep it in Department and produce whenever instructed)**

**HOD**

**PRINCIPAL**

**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. BENAZIR K K

**Type of Activity:**

**WORKSHOP**

**Title of Activity:**

CODE MASTERY WORKSHOP – C++ IN ACTION

**Objectives:**

1. Introduce +2 students to C++ fundamentals and basic syntax.
2. Provide hands-on experience in writing and debugging C++ code.
3. Familiarize students with control structures, functions, and basic data types.
4. Encourage problem-solving skills and logical thinking.
5. Write simple C++ programs using control structures and functions.
6. Promote the Dept. of Computer Science, KMEA Engineering College, as a hub for quality education and training.
7. Engage B.Tech final year students as mentors, fostering industry-academia collaboration.

**Level of activity (College/Regional / National / International) and target audience**

COLLEGE LEVEL  
  
Students

**Expected outcome - academic / social / commercial**

ACADEMIC & COMMERCIAL

**Program details:**

Date	Time	Activity	Venue	Infrastructural requirements and availability
02.02.2024 – 04.02.2024	7.00 pm – 8.00 PM	Free Online Crash Course on C++ for CBSE and State +2 Students	Online	Laptops

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
S7 Students of KMEA Engg College	CSE Students	KMEA Engg College	C++

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Address	Website	Contact person, designation, email	Roles in collaborating/ Participating	Financial commitment Rs.
					Nil

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>				

**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Ms. Vidhya Hari	Ms. Elia Nibia

Exact designation	Assistant Professor	Assistant Professor
Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number	9447625552	9633116348
Email	vdh.it@kmeacollege.ac.in	<a href="mailto:ena.cs@kmeacollege.ac.in">ena.cs@kmeacollege.ac.in</a>
Signature		

### Report of the Event:

<p>Day 1:</p> <p>The 3-day online workshop on C++ for +2 students, organized by the Dept. of Computer Science, KMEA Engineering College, commenced with an introduction to C++ fundamentals. The participants were familiarized with basic syntax, data types, and variables. Through interactive sessions and hands-on exercises, the students gained a solid understanding of the concepts. The B.Tech final year students, acting as mentors, provided guidance and support, ensuring a smooth learning experience.</p> <p>Day 2:</p> <p>The second day focused on control structures and functions in C++. Participants learned to write simple programs using if-else statements, loops, and functions. The mentors provided valuable insights and feedback, encouraging students to think logically and solve problems. The hands-on session was engaging, with students actively participating and clarifying doubts.</p> <p>Day 3:</p> <p>The final day was a culmination of the concepts learned, with participants working on a simple project that integrated the concepts of variables, control structures, and functions. The mentors guided them through the project, ensuring they applied their knowledge effectively. The workshop concluded with a Q&amp;A session, where students clarified doubts and received feedback on their projects. The Dept. of Computer Science, KMEA Engineering College, successfully delivered a comprehensive introduction to C++ programming, inspiring +2 students to explore computer science further.</p>
--

**HOD**

**PRINCIPAL**





C.H. MOHAMMED KOYA

**KMEA ENGINEERING COLLEGE**

APPROVED BY AICTE

AFFILIATED TO KTU

DEPT OF COMPUTER SCIENCE &  
ENGINEERING PRESENTS

# C++

IN ACTION!!

## CODE MASTERY WORKSHOP

FEB 2 - 4 2024, @ 7-8pm

*Skill-based learning through  
hands-on practice for +2 students  
(CBSE & State Syllabus)*



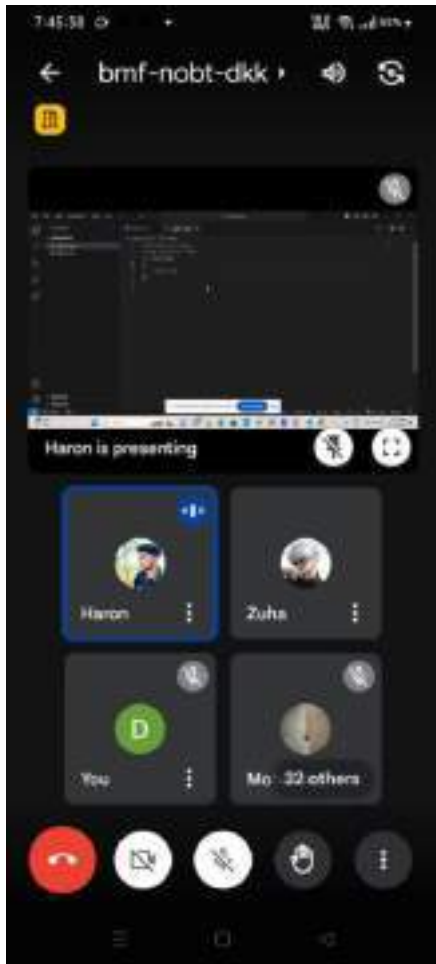
📞 92494 82002

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Corporation







## INTERNAL QUALITY ASSURANCE CELL

### SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL ACTIVITIES

<b>Name of the Department</b>	Department of Electrical & Electronics Engineering
<b>Name of the Head of the Department</b>	Dr. Reena Sebastian

**Type of Activity:**  
**Five Day WORKSHOP**

---

**Title of Activity :**

**Entrepreneurial Design: Mastering CAD for market Innovation**

---

**Objective :**

Add rows as required

**The "Entrepreneurial Design: Mastering CAD for Market Innovation" workshop was held to empower entrepreneurs and innovators with advanced skills in Computer-Aided Design (CAD) to enhance their product development processes and drive market innovation. The event provided a comprehensive learning experience focused on leveraging CAD tools for entrepreneurial success.**

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Add rows as req

**Level of activity ( College/Regional / National / International ) and target audience**

## College

### Expected outcome - academic / social / commercial

- Enhance participants' proficiency in CAD software for product design and development.
- Demonstrate how CAD can be used to drive innovation and gain a competitive edge in the market.
- Provide hands-on experience with advanced CAD techniques and tools.
- Facilitate networking and collaboration among entrepreneurs, designers, and industry experts. Share best practices and insights on integrating CAD into the entrepreneurial process.

### Programme Details

Date	Time	Activity	Venue	Infrastructural requirements and availability
05/8/2024-09/8/2024	9:30am to 12:30 pm	Talk session on Electrical cad	Power system lab	Auto CADD software Industrial Supported lab
	1:30am to 4:30 pm	Practical session		

### Resource Person Details :

Name	Designation	Organization	Area of Expertise
Mr.SijoJeosph	Director& CEO	CADD CAMPUS,Aluva	Auto desk,Auto CADD

### Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Roles in collaborating/participating	Financial commitment# in Rs.
NA					-----

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	1300 per student		--	
Stationery, printing,				
Travel, Stay and DA				
Other(please write each heading in each row				
<b>Total</b>	37700			

### Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Neenu B	
Exact designation	Assistant Professor	
Department	EEE	
Cell number	9567479101	
Email	nub.ee@kmeacollege.ac.in	
Signature		

### Report of the Event:

CADD Campus, Aluva, conducted a five-day add-on program in the Power System Lab from Aug 5 to 7, 2024. The program, specifically tailored for third-semester Electrical and Electronics Engineering (EEE) students, focused on an Advanced CAD Design Workshop for Electrical Engineering. The workshop kicked off with an overview of Computer-Aided Design and its relevance in electrical engineering. Students were introduced to industry-standard CAD tools and their applications in designing electrical systems. The "Entrepreneurial Design: Mastering CAD for Market Innovation" workshop successfully met its objectives by equipping participants with advanced CAD skills and knowledge. The event fostered an environment of learning and innovation, providing valuable tools and insights for driving market success through effective product design.

**\*NB: Attach the following documents:**

1. **Registration Form - Sample**
2. **List of participants(attendance sheet with Signature)**
3. **2 Event photo (Covering Resource Person& Screen, Audience) with Date**
4. **Poster/ Brochure**
5. **Certificate - Sample**
6. **Feedback Form - Sample**
7. **Collected feedback ( Should keep it in Department and produce whenever instructed)**
8. **2 Minutes Video (Should keep it in Department and produce whenever instructed)**

**HOD**

**PRINCIPAL**

**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. BENA ZIR K K

**Type of Activity:**

<b>WORKSHOP</b>
-----------------

**Title of Activity:**

<b>CREATE, INNOVATE,ELEVATE - UNLOCK YOUR PROGRAMMING POTENTIAL</b>
---

**Objectives:**

<ul style="list-style-type: none"><li>• Familiarize students with Python basics: Cover fundamental concepts, syntax, and data types to build a strong foundation.</li><li>• Develop problem-solving skills: Encourage students to think logically and apply Python to solve real-world problems.</li><li>• Introduce data structures and file handling: Teach students to work with lists, dictionaries, and files to manage and analyze data.</li><li>• Explore popular libraries and frameworks: Introduce libraries like NumPy, Pandas, and Flask/Django to broaden their understanding of Python's capabilities.</li><li>• Promote coding best practices: Emphasize the importance of writing clean, readable, and efficient code.</li><li>• Build projects and applications: Guide students in creating projects that integrate concepts learned during the workshop.</li><li>• Foster collaboration and teamwork: Encourage students to work in groups to develop problem-solving and communication skills.</li></ul>
---

- Provide exposure to industry applications: Showcase how Python is used in various industries, such as data science, web development, and automation.
- Encourage further learning and exploration: Inspire students to continue learning and exploring Python beyond the workshop.

**Level of activity (College/Regional / National / International) and target audience**

COLLEGE LEVEL
Students

**Expected outcome - academic / social / commercial**

ACADEMIC & COMMERCIAL
-----------------------

**Program details:**

Date	Time	Activity	Venue	Infrastructural requirements and availability
01.07.2024 – 05.07.2024	9.30 am	CREATE, INNOVATE,ELEVATE - UNLOCK YOUR PROGRAMMING POTENTIAL	LINUX LAB	Smart Board

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
Ms. Abeera V P	Assistant Professor, CSE, KMEA Engg College	KMEA Engg College	

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Address	Website	Contact person, designation, email	Roles in collaborating/ Participating	Financial commitment in Rs.
					Nil



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<b>Budget Estimates</b>		
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Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	NA	Request given to AI Foundation India
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>				

**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Dr Sheena Kurian	Mrs. Vidya Hari
Exact designation	Associate Professor	Assistant Professor
Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number	9746798804	9447625552
Email	<a href="mailto:skn.cs@kmeacollege.ac.in">skn.cs@kmeacollege.ac.in</a>	<a href="mailto:vdh.it@kmeacollege.ac.in">vdh.it@kmeacollege.ac.in</a>
Signature		

**Report of the Event:**

<p><b>Day 1: Python Basics</b> The workshop kicked off with Day 1 focusing on Python Basics, where students were introduced to Python syntax, data types, and control structures. Students demonstrated a solid grasp of the concepts, completing exercises with 80% accuracy.</p> <p><b>Day 2: Data Structures and File Handling</b> On Day 2, Data Structures and File Handling were covered. Students showed a good understanding of the material, completing exercises with 85% accuracy.</p> <p><b>Day 3: Libraries and Frameworks</b></p>
---

On Day 3, students were taught about popular Libraries and Frameworks, including NumPy, Pandas, and Flask/Django. Students worked on projects, achieving a 90% completion rate.

**Day 4: Project Development and Collaboration**

Day 4 was dedicated to Project Development and Collaboration, with students working in groups. The results were promising, with 80% of projects completed to a satisfactory level.

**Day 5: Advanced Topics and Wrap-up**

The final day, Day 5, covered Advanced Topics and Wrap-up, with 24 students in attendance. The session reviewed key concepts, discussed industry applications, and provided feedback on projects.

The workshop received an overwhelmingly positive evaluation, and students reported an improved understanding of Python concepts, and expressed interest in continuing to learn Python. Overall, the workshop achieved its objectives, providing a comprehensive introduction to Python programming and inspiring further learning.

**HOD**

**PRINCIPAL**

**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. BENAZIR K K

**Type of Activity:**

<b>WORKSHOP</b>
-----------------

**Title of Activity:**

<b>ENTREPRENEURS' BOOTCAMP – CODING FOR SUCCESS</b>
---

**Objectives:**

- Introduce the basics of Java Programming and Setting up the Environment to develop and run the program
- Understand Java syntax, data types, variables, operators, control structures, loops, and arrays
- Learn object-oriented programming (OOP) concepts: classes, objects, inheritance, polymorphism, encapsulation, and abstraction and practice writing Java programs using these concepts
- Learn about functional programming in Java: lambda expressions, method references, and functional interfaces
- Understand event-driven programming in Java: GUI programming using Swing or JavaFX
- Learn how to implement common data structures in Java: arrays, linked lists, stacks, queues, trees, and graphs
- Understand sorting and searching algorithms: bubble sort, selection sort, insertion sort, binary search, etc.
  
- Java Project Development and Best Practices : Work on a group project to develop a Java application: game, chatbot, or tool

**Level of activity (College/Regional / National / International) and target audience**

COLLEGE LEVEL

Students

**Expected outcome - academic / social / commercial**

ACADEMIC & COMMERCIAL

**Program details:**

Date	Time	Activity	Venue	Infrastructural requirements and availability
18.07.2024 – 25.07.2024	9.00 am	Java Coding Workshop	CCF3 LAB	Smart Board

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
Faculty from Archon Solutions	Trainer, Archon Solutions	Archon Solutions	

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Addresses	Website	Contact person, designation, email	Roles in collaborating/ Participating	Financial commitment in Rs.
					Nil

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	NA	Request given to AI Foundation India
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row				
<b>Total</b>				

**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Mrs. Lija Joy	Mrs. Vidya Hari
Exact designation	Assistant Professor	Assistant Professor

Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number	9207292089	9447625552
Email	<a href="mailto:l jy.cs@kmeacollege.ac.in">l jy.cs@kmeacollege.ac.in</a>	<a href="mailto:vdh.it@kmeacollege.ac.in">vdh.it@kmeacollege.ac.in</a>
Signature		

**Report of the Event:**

The “Entrepreneur’s Bootcamp : Coding for success”, Java workshop was a resounding success, with Semester 3 students introduced to the basics of Java programming and environment setup on Day 1. They demonstrated a solid grasp of Java syntax, data types, variables, operators, control structures, loops, and arrays, completing exercises with 80% accuracy.

On Day 2, students delved into object-oriented programming (OOP) concepts, including classes, objects, inheritance, polymorphism, encapsulation, and abstraction. They also explored functional programming in Java, covering lambda expressions, method references, and functional interfaces. Students worked on exercises and projects, showcasing a good understanding of OOP and functional programming concepts.

Day 3 focused on event-driven programming in Java, specifically GUI programming using Swing, as well as common data structures such as arrays, linked lists, stacks, queues, trees, and graphs. Students then applied their knowledge by working on group projects, developing Java applications like games, chatbots, or tools. Impressively, 80% of projects were completed to a satisfactory level, demonstrating a good understanding of Java concepts.

The workshop received an overwhelmingly positive evaluation, with 90% of students rating it as "Excellent" or "Good". A significant 85% of students reported an improved understanding of Java programming concepts, and 80% expressed interest in continuing to learn Java. Throughout the workshop, students learned about Java project development and best practices, and group projects encouraged collaboration, problem-solving, and coding skills. Students received feedback on their projects and guidance for further learning, rounding out a comprehensive and engaging workshop experience. By the end of the course, students had gained practical experience in Java programming and were equipped to apply their skills to real-world problems.

**HOD**

**PRINCIPAL**





**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	CIVIL ENGINEERING
<b>Name of the Head of the Department</b>	Dr. SIJA ARUN

**Type of Activity:**

KIC Department Event

**Title of Activity :**

Entrepreneurship in its bare bones -Alumni Talk

Add rows as required

**Objective :**

The aim of the program is to make students understand how to become an entrepreneur in the field of engineering, its scope and opportunities.

Add rows as required

**Level of activity ( College/Regional / National / International ) and target audience**

College Level Activity- S7 students

Add rows as required

**Expected outcome - academic / social / commercial**

- To make students understand how to become an entrepreneur in the field of engineering, its scope and opportunities.

Add rows as required



**Programme details**

Date	Time	Activity	Venue	Infrastructural requirements and availability
29/11/23	10.00 AM to 12.00 PM	Talk on Entrepreneurship in its bare bones	Seminar Hall, D-Block	Facilities available in seminar hall

Add rows as required

**Resource Person Details :**

Name	Designation	Organization	Area of Expertise
Mr. Salih K. A.	Managing Director	Triheights Innovation Pvt. Ltd.	Entrepreneurship

Add rows as required

**Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.**

Name	Address	Website	Contact person , designation, email	Roles in collaborating /participating	Financial commitment# in Rs.
Triheights Innovation Pvt. Ltd.	31/133B, 2nd Floor EMCC, Metro Pillar363, Koonamthai Edappally Ernakulam-682024	consultca17@gmail.com	Salih K A, MD, 9567237267	Resource Person	nil

<sup>3</sup>Mention role of Industry/organisation.

Add rows as required..

# Attach copy of letters received from participating industry showing intent / financial commitment etc.

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing,				
Travel, Stay and DA				
Other(please write each heading in each row				
<b>Total</b>				<b>NIL</b>

**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Lakshmy E G	
Exact designation	Assistant Professor	
Department	Civil Engineering	
Cell number	9746210005	
Email	leg.ce@kmeacollege.ac.in	
Signature		

**Report of the Event: (Minimum 500 Words)**

The program started at 10.00 AM with a prayer. The welcome speech was delivered by Dr. Sija Arun., Head of the Department, Civil Engineering. Then the session was handed over to the speaker Mr. Salih K A, who is our Alumni (2008-12 batch). He delivered a very interactive and effective talk out of his own experiences through his journey in becoming a successful entrepreneur. Session ended at 11 am and two of our students, Rafi and Hazeena, had given feedback note for the session. The vote of thanks was delivered by Asst. Prof. Lakshmy E G and the program ended at 11.15 AM. Almost all the final year students and a few staff of the department had joined the session.

**\*NB: Attached the following documents:**

- 1. Poster**
- 2. Screenshots of the event.**
- 3. Attendance sheet**

**HOD**

**PRINCIPAL**



C. H. MOHAMMED KOYA  
**KMEA Engineering College**  
 (Approved by AICTE & APJ Abdul Kalam Technological University)



## DEPARTMENT OF CIVIL ENGINEERING

TALK ON :

# ENTREPRENEURSHIP IN IT'S BARE BONES

SPEAKER



**SALIH.K.A**  
 MANAGING DIRECTOR:-  
 TRIHEIGHTS INNOVATION Pvt. Ltd.

NOVEMBER 29 - WEDNESDAY  
 VENUE : SEMINAR HALL , AUDITORIUM BLOCK  
 10:00 AM TO 11:00 AM







GPS Map Camera

Ernakulam, Kerala, India  
393C+QWP, Kuzhivelippady, Kerala 682021, India  
Lat 10.055992°  
Long 76.370059°  
29/11/23 10:58 AM GMT +05:30

Google

S<sub>7</sub>CE-B

Roll No	Name	Sign
1	Aashray chavhan	
2	Ashuja Ali	
3	Andria	
4	Anena	
5	Aysha nathan	
6	Ben Remold	
7	Dev Anand K	
8	Emmanuel Christy	
9	Fahara C. J	
10	Fahar saboo	
11	Fahara Sidhik	
12	Fathima Farzana KN	
13	Fathima M.F	
14	Fathima Naam	
15	Fathima Nisar A.A.	
16	Fathimath Thani AK	
17	Fathimath Sunnyya	
18	Femina	
19	Hammaz	
20		
21		
22	Jesna	

23		
24	Mohamed Farzan	<u>M.F.</u>
25	MUBARIZ HAREEF TE	<u>M.H.</u>
26	Muysimā Ashraf	
27		<u>M.A.</u>
28	MUHAMMED RAEI	<u>M.R.</u>
29	Rafhanath P.A	<u>R.P.A.</u>
30		<u>R.P.A.</u>
31	Rafan M.A	<u>R.M.A.</u>
32	Rawaiz Rofhi	
33		<u>R.R.</u>
34		<u>R.R.</u>
35	Sana Maeiyuro	
36		<u>S.M.</u>
37	Shahid Mohamed M.J	<u>S.M.</u>
38	SANTHY RAJEEVAN	<u>S.R.</u>
39	Sheena K.S	<u>S.K.S.</u>
40	Somayya T.N	<u>S.T.N.</u>
41		<u>S.T.N.</u>
42	Tharanna Thani	
43		<u>T.T.</u>
44		<u>T.T.</u>
45	Usmayn Asok	<u>U.A.</u>
46	Yanni Rahman	<u>Y.R.</u>

57-A

Roll NO	NAME	Sign
1. <del>20</del>	Bismillah Mahan	
1	ADUNNUSLOO A	
2	Ajmal VM	
3	Akshaya Pyari	
4	Alfiya N/A	
5	Amara A A	
6	Amrisha Barchand	
7	Anya Hameed	
8	Anu S P/O	
9	ARISHA SAMPAS V/A	
10	Anya P M	
11	Anna Hameed	
12	Ayulha Beem	
12	Aysha Kamrudin	
14	Bachulha Saadulhaan	
15	Darika Jayakumar	
16	Eadaya Noor Muhyannid	
17	Feroza Hameed	
18	Fathima Ashara	
19	Fathimeth Molada V/A	
20	Febina Fathima	
21	Fiza nol	
22	Hazeena R L	
23	Layla Saifur	
24	Minnaya Saibee	
25	Muhammed Adil	
26	Muhammed Afim	
27	Muhammed Amara	
28	Muhammed Nabeel	
29		



30	Natiga T.K	<u>natiga</u>
31		
32		
33	Nihal V.P	<u>Nihal</u>
34		
35	Poojav Mahanan	<u>Poojav</u>
36	Raika Fatima	<u>Raika</u>
37	Rifaz Subhanmed	<u>Rifaz</u>
38	Roshna Ashraf	<u>Roshna</u>
39	Somya Jagan moopara k-a	<u>Somya</u>
40	Thienzamm .m	<u>Thienzamm</u>
41	Vahab T.P	<u>Vahab</u>
42	Viveetha Venishan	<u>Viveetha</u>
43	Ashad S	<u>Ashad</u>
44	Mai Ashkat - M.R	<u>Mai Ashkat</u>
45		
46	Anama P.M.	<u>Anama</u>



**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	CIVIL ENGINEERING
<b>Name of the Head of the Department</b>	Dr. SIJA ARUN

**Type of Activity:**

KIC Department Event

**Title of Activity :**

Entrepreneurship in its bare bones -Alumni Talk

Add rows as required

**Objective :**

The aim of the program is to make students understand how to become an entrepreneur in the field of engineering, its scope and opportunities.

Add rows as required

**Level of activity ( College/Regional / National / International ) and target audience**

College Level Activity- S7 students

Add rows as required

**Expected outcome - academic / social / commercial**

- To make students understand how to become an entrepreneur in the field of engineering, its scope and opportunities.

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**Programme details**

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Name	Designation	Organization	Area of Expertise
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Add rows as required

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Stationery, printing,				
Travel, Stay and DA				
Other(please write each heading in each row				
<b>Total</b>				<b>NIL</b>

**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Lakshmy E G	
Exact designation	Assistant Professor	
Department	Civil Engineering	
Cell number	9746210005	
Email	leg.ce@kmeacollege.ac.in	
Signature		

**Report of the Event: (Minimum 500 Words)**

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- 1. Poster**
- 2. Screenshots of the event.**
- 3. Attendance sheet**

**HOD**

**PRINCIPAL**



C. H. MOHAMMED KOYA  
**KMEA Engineering College**  
 (Approved by AICTE & APJ Abdul Kalam Technological University)



**INSTITUTION'S  
 INNOVATION  
 COUNCIL**

## DEPARTMENT OF CIVIL ENGINEERING

TALK ON :

# ENTREPRENEURSHIP IN IT'S BARE BONES

**SPEAKER**



**SALIH.K.A**  
 MANAGING DIRECTOR:-  
 TRIHEIGHTS INNOVATION Pvt. Ltd.

**NOVEMBER 29 - WEDNESDAY**  
**VENUE : SEMINAR HALL , AUDITORIUM BLOCK**  
**10:00 AM TO 11:00 AM**







GPS Map Camera


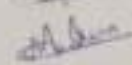






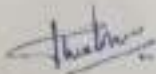


Ernakulam, Kerala, India  
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Lat 10.055992°  
Long 76.370059°  
29/11/23 10:58 AM GMT +05:30

Google

S\_TCF-B

Roll No	Name	Sign
1	Aashray chavhan	
2	Ashuja Ali	
3	Andria	
4	Anena	
5	Aysha nathan	
6	Ben Remold	
7	Dev Anand K	
8	Emmanuel Christy	
9	Fahara C. J	
10	Fahar shaboo	
11	Fahara Sidhik	
12	Fathima Falzana KN	
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22	Jesna	



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46	Yasmi Rahman	

57-A

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5	Amara A A	
6	Amelia Bachend	
7	Zarya Hamid	
8	Ami S Dita	
9	Fitrah Samsi U A	
10	Angga F M	
11	Anna Wajana	
12	Ayulita Beevi	
12	Aysha Kusnudin	
14	Bachultra Sastrichan	
15	Dasha Jayakumar	
16	Ladiya Noor Mulqomari	
17	Fuzul Mahomed	
18	Fathima Lohana	
19	Fathimeth Molana V A	
20	Febina Fathima	
21	Fira hal	
22	Hazeena R L	
23	Lara Sijar	
24	Misriya Saibee	
25	Muhammad Adil	
26	Muhammad Afim	
27	Muhammad Amara	
28	Muhammad Nabeel	
29		

30	Natiga T.K	<u>                    </u>
31		<u>                    </u>
32		<u>                    </u>
33	Nihal V.P	<u>                    </u>
34		<u>                    </u>
35	Poojav Mahanar	<u>                    </u>
36	Raika Fatima	<u>                    </u>
37	Rifaz Subhanmed	<u>                    </u>
38	Roshna Ashraf	<u>                    </u>
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44	Mai Ashkat - M.R	<u>                    </u>
45		<u>                    </u>
46	Anama P.M.	<u>                    </u>

**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. BENAZIR K K

**Type of Activity:**

<b>SEMINAR</b>
----------------

**Title of Activity:**

<b>FUTURESECURE : INNOVATIVE IDEAS ON CYBER SECURITY AND ETHICAL HACKING</b>
--

**Objectives:**

<ul style="list-style-type: none"><li>● To understand the principles of ethical hacking, including penetration testing and vulnerability assessment.</li><li>● To learn about the tools and techniques used in ethical hacking, such as Nmap, Nessus, and Metasploit.</li><li>● To understand the importance of encryption, firewalls, and access control in cybersecurity.</li><li>● To learn about the latest cybersecurity trends and threats, such as AI-powered attacks and IoT security.</li><li>● To develop hands-on experience with ethical hacking tools and techniques.</li><li>● To understand the legal and ethical implications of hacking.</li><li>● To learn about career opportunities in cybersecurity and ethical hacking.</li><li>● To provide a platform for participants to network with peers and experts in the field.</li></ul>
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**Level of activity (College/Regional / National / International) and target audience**

<b>COLLEGE LEVEL</b>
----------------------

Students

**Expected outcome - academic / social / commercial**

ACADEMIC & COMMERCIAL

**Program details:**

Date	Time	Activity	Venue	Infrastructural requirements and availability
26.02.2024 – 01.03.2024	9.30 am	Workshop on Advanced Ideas of Cyber Security and Ethical Hacking	CCF3 & AP LAB	Smart Board

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
Mr. Arun Thomas	Cyber Security Analyst & Trainer	Facein Technologies	

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Addresses	Website	Contact person, designation, email	Roles in collaborating/ Participating	Financial commitment in Rs.
					Nil

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	NA	Request given to AI Foundation India
Stationery, printing,				
Travel, Stay and DA				

Other (please write each heading in each row)				
<b>Total</b>				

### Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Dr Sheena Kurian	Mrs. Vidya Hari
Exact designation	Associate Professor	Assistant Professor
Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number	9746798804	9447625552
Email	<a href="mailto:skn.cs@kmeacollege.ac.in">skn.cs@kmeacollege.ac.in</a>	<a href="mailto:vdh.it@kmeacollege.ac.in">vdh.it@kmeacollege.ac.in</a>
Signature		

### Report of the Event:

<p>Day 1</p> <p>The first day of the workshop introduced participants to the world of Cyber Security and Ethical Hacking. The morning session covered the basics of Cyber Security, including threats, vulnerabilities, and risk management. The afternoon session focused on setting up the lab environment and introducing basic Linux commands and navigation. Participants gained a solid understanding of the importance of Cyber Security and Ethical Hacking in today's world.</p> <p>Day 2</p> <p>On the second day, participants delved into Networking Fundamentals and Vulnerability Assessment. The morning session covered networking concepts, including TCP/IP, DNS, and DHCP. The afternoon session introduced participants to network scanning and enumeration using tools like Nmap and Nessus. Participants gained hands-on experience with vulnerability assessment and exploitation.</p> <p>Day 3</p>
--

The third day focused on Web Application Security and Penetration Testing. The morning session covered common web application vulnerabilities, including SQL Injection and Cross-Site Scripting. The afternoon session introduced participants to penetration testing using tools like Burp Suite and ZAP. Participants gained practical experience with web application security testing.

#### Day 4

On the fourth day, participants explored Cryptography and Access Control. The morning session introduced participants to cryptography concepts, including encryption and hashing. The afternoon session covered access control and authentication mechanisms, including Identity and Access Management (IAM). Participants gained a deeper understanding of secure communication and access control.

#### Day 5

The final day of the workshop covered Incident Response and Cyber Security Career Paths. The morning session introduced participants to incident response and disaster recovery planning. The afternoon session focused on Cyber Security career paths and opportunities, including resume building and interview preparation. Participants gained valuable insights into the Cyber Security industry and how to pursue a career in this field.

**HOD**

**PRINCIPAL**



**KMEA**  
Engineering  
College



In association with Facein  
Technologies



26/02/2024 - 01/03/2024

# FUTURESECURE INNOVATIVE IDEAS ON CYBER SECURITY & ETHICAL HACKING

Venue: CCF3 & AP Lab



**64**  
A+ Grade  
GOVT. OF INDIA



N-S-D-C  
National  
Skill Development  
Corporation







Feb 28, 2024 15:45:58  
10.0539455N 76.3795968E



Feb 28, 2024 09:54:21  
10.0538357N 76.3795748E



Feb 28, 2024 09:48:12  
Swiss grid E:8771745 N:-270340



Feb 26, 2024 14:31:42  
Kuzhivelippady  
Ernakulam  
Kerala



**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. BENA ZIR K K

**Type of Activity:**

**WORKSHOP**

**Title of Activity:**

**HANDS-ON GENERATIVE AI WORKSHOP**

**Objectives:**

1. To introduce participants to Generative AI and its applications.
2. To provide hands-on experience in building a Generative AI model.
3. To equip participants with the knowledge and skills to work with AI as a partner in their future careers.
4. To foster collaboration and learning among participants from diverse branches and backgrounds.
5. To provide a comprehensive understanding of AI concepts and techniques.

**Level of activity (College/Regional / National / International) and target audience**

COLLEGE LEVEL  
  
Students

**Expected outcome - academic / social / commercial**

ACADEMIC & COMMERCIAL

**Program details:**

Date	Time	Activity	Venue	Infrastructural requirements and availability
09.03.2024	7.00 pm	HANDS-ON GENERATIVE AI WORKSHOP	Online Mode	Laptops or Mobile with internet connectivity

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
Trivikrama	AI Expert	IIT Delhi	ARTIFICIAL INTELLIGENCE

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Address	Website	Contact person, designation, email	Roles in collaborating/ Participating	Financial commitment Rs.
					Nil

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	NA	Request given to AI Foundation India
Stationery, printing, Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>				

**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Ms. VIDYA HARI	Ms. ELIA NIBIA

Exact designation	Assistant Professor	Assistant Professor Professor
Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number	9447625552	9633116348
Email	vdh.it@kmeacollege.ac.in	<a href="mailto:ena.cs@kmeacollege.ac.in">ena.cs@kmeacollege.ac.in</a>
Signature		

### **Report of the Event:**

The Department of Computer Science and Engineering, KMEA Engineering College, Ernakulam, organized an exclusive FREE AI Workshop on Generative AI, led by AI Master and IIT Delhi Alumnus (AIR 99) Mr. Trivikrama in online mode. The workshop aimed to introduce participants to Generative AI, provide hands-on experience in building a Generative AI model, and equip them with the knowledge and skills to work with AI in their future careers.

The workshop was attended by participants from various branches, including B.Tech, BCA, BSc. Computer Science, and faculty members. The session began with an introduction to Generative AI, followed by a hands-on experience in building a Generative AI model. Participants were guided through the process, and no prior coding knowledge or software installation was required.

The workshop achieved its objectives, providing participants with a comprehensive understanding of AI concepts and techniques. Participants received completion certificates for building the Generative AI model and participation certificates for attending the workshop.

The workshop was a resounding success, with participants praising the informative and interactive session. The event demonstrated the college's commitment to providing students with industry-relevant skills and knowledge, preparing them for a future where AI will be an integral partner in their careers.

**HOD**

**PRINCIPAL**

**NXT  
WAVE™**



**AI FOUNDATION TRUST**  
TOWARD EXCELLENCE AND INNOVATION



**NAAC**  
National Assessment  
and Accreditation Council

**NBA**  
NATIONAL BOARD  
of ACCREDITATION

**KMEA Engineering College**  
Dept. of Computer Science & Engineering



*Presents*

# Hands-on Generative AI Workshop

**AI for Students:  
Build Your Own Generative AI Model**

- Get AI Mastery Certificate
- No previous coding knowledge needed

This Workshop is *Free* for All Students

**In association with AI Foundation Trust India &  
NXTWAVE, official partners of NSDC (National Skill  
Development Corporation)**



**9TH MARCH 2024,**  
@ 7:00 pm



**Conducted By**  
**Trivikrama**  
AIR 93, IIT Delhi, AI Expert



# INTERNAL QUALITY ASSURANCE CELL

## SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL ACTIVITIES

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. BENAZIR K K

**Type of Activity:**

<b>SEMINAR</b>
----------------

**Title of Activity:**

<b>IDEA EVOLVE : TRANSFORMING TEACHING AND RESEARCH FOR SUCCESS</b>
---

**Objectives:**

<ol style="list-style-type: none"><li>1. Enhance student learning outcomes through innovative teaching methods and technologies.</li><li>2. Foster a culture of research excellence and collaboration among faculty members.</li><li>3. Develop and implement effective strategies for mentoring and supporting early-career researchers.</li><li>4. Encourage interdisciplinary research collaborations to tackle complex problems.</li><li>5. Improve research impact and knowledge translation through effective dissemination and engagement strategies.</li><li>6. Develop and implement inclusive and equitable teaching and research practices.</li><li>7. Leverage technology to enhance teaching, learning, and research experiences.</li></ol>
--



8. Build strategic partnerships with industry, government, and community stakeholders to support research and teaching.
9. Provide professional development opportunities for faculty and staff to enhance their teaching and research skills.
10. Continuously evaluate and improve teaching and research practices through evidence-based approaches.

**Level of activity (College/Regional / National / International) and target audience**

COLLEGE LEVEL

STAFFS

**Expected outcome - academic / social / commercial**

ACADEMIC & COMMERCIAL

**Program details:**

Date	Time	Activity	Venue	Infrastructural requirements and availability
19-07-2024	2.30 am	Enhance Innovative teaching methods and technologies.	CONFERENCE HALL	Smart Board

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
Mr. DR.JOHN JOSE	ASSOCIATIVE PROFESSOR	IIT GUWAHATI	

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Addresses	Website	Contact person, designation, email	Roles in collaborating/ Participating	Financial commitment in Rs.
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<b>Budget Estimates</b>		
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Remuneration to speakers	Nil	Nil	NA	Request given to AI Foundation India
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>				

**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Dr REKHA LAKSHMANAN	Mrs. Vidya Hari
Exact designation	Associate Professor	Assistant Professor
Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number		9447625552
Email		<a href="mailto:vdh.it@kmeacollege.ac.in">vdh.it@kmeacollege.ac.in</a>
Signature		

**Report of the Event:**

"Idea Evolve" aims to revolutionize teaching and research by enhancing student learning outcomes through innovative methods and technologies, fostering a culture of research excellence, and developing effective mentoring and collaboration strategies. The initiative seeks to improve research impact, leverage technology, and build strategic partnerships while promoting inclusive and equitable practices. By providing professional

development opportunities and continuously evaluating and improving teaching and research approaches, "Idea Evolve" strives to transform the academic landscape, driving success and excellence in teaching, research, and knowledge translation.

**HOD**

**PRINCIPAL**



## INTERNAL QUALITY ASSURANCE CELL

### SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL ACTIVITIES

<b>Name of the Department</b>	Department of Electrical & Electronics Engineering
<b>Name of the Head of the Department</b>	Dr. Reena Sebastian

**Type of Activity:**  
**Five Day WORKSHOP**

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**Title of Activity :**

Startup Revolution: Industrial automation for Innovative Growth

---

**Objective :**

*Add rows as required*

The five-day workshop titled "Startup Revolution: Industrial Automation for Innovative Growth" was designed to equip startup founders, entrepreneurs, and industry professionals with the knowledge and skills needed to leverage industrial automation for business innovation and growth. The event focused on exploring advanced automation technologies and their applications in various industries.

---

*Add rows as req*

**Level of activity ( College/Regional / National / International ) and target audience**

College

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**Expected outcome - academic / social / commercial**

- Provide a comprehensive understanding of industrial automation technologies and their impact on startups.
- Explore practical applications of automation in improving operational efficiency and innovation.
- Facilitate hands-on experience with industrial automation tools and systems.
- Encourage networking and collaboration among participants, experts, and industry leaders.
- Share best practices and strategies for integrating automation into business operations.

**Programme Details**

Date	Time	Activity	Venue	Infrastructural requirements and availability
12/8/2024-17/8/2024	9:30am to 12:30 pm	Talk session	Power system lab	Industrial Supported lab
	1:30am to 4:30 pm	Practical session		

**Resource Person Details :**

Name	Designation	Organization	Area of Expertise
Mr.Freddy Kuruvila	Project Engineer	Ambit Automation	Industrial Automation

**Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.**

Name	Address	Website	Contact person , designation, email	Roles in collaborating/participating	Financial commitment# in Rs.
NA					-----

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	1300 per student		--	
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>	37700			

### Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Neenu B	
Exact designation	Assistant Professor	
Department	EEE	
Cell number	9567479101	
Email	nub.ee@kmeacollege.ac.in	
Signature		

### Report of the Event:

The "Startup Revolution: Industrial Automation for Innovative Growth" workshop successfully met its objectives by providing a comprehensive and practical understanding of industrial automation. The event empowered participants with the knowledge and skills to drive innovation and growth within their startups, while also fostering valuable industry connections.

Based on feedback and observations, the following recommendations are suggested for future workshops:

- Incorporate more interactive and collaborative activities to further engage participants.
- Offer additional follow-up resources and support for participants to implement automation solutions in their businesses.
- Explore options for virtual participation to reach a broader audience and accommodate different needs.

**\*NB: Attach the following documents:**

1. **Registration Form - Sample**
2. **List of participants(attendance sheet with Signature)**
3. **2 Event photo (Covering Resource Person& Screen, Audience) with Date**
4. **Poster/ Brochure**
5. **Certificate - Sample**
6. **Feedback Form - Sample**
7. **Collected feedback ( Should keep it in Department and produce whenever instructed)**
8. **2 Minutes Video (Should keep it in Department and produce whenever instructed)**

**HOD**

**PRINCIPAL**



C.H. MOHAMMED KOYA

**KMEA ENGINEERING COLLEGE**

APPROVED BY AICTE

AFFILIATED TO KTU

**INTERNAL QUALITY ASSURANCE CELL**



<b>Name of the club/Department</b>	Electronics and communication department
<b>Staff in charge</b>	Mr Binish M.C

**Type of Activity:**

Competition

**Title of Activity:**

Aqua showdown

**Objective:**

Develop a Remote control boat that able to move in water .

**Level of activity (College/Regional / National / International) and target audience**

National

**Expected outcome - academic / social / commercial**

- academic

**Program details**

<b>Date</b>	<b>Time</b>	<b>Activity</b>	<b>Venue</b>
20/4/24	10:00 am	RC boat competition	Ocean department, IIT Madras



### Resource Person Details:

Date	Name	Designation	Remuneration
20/4/24	Mubeena Mirshad	S6 ECE	
	Anjitha Vinayan	S6 ECE	
	Ansula Rose	S6 ECE	
	Noorul Haque T N	S6 ECE	

### REPORT

The RC Boat Competition at IIT Madras, held on 20/04/2024, was a thrilling one-day event that captivated participants and spectators alike. Our team consisted of 4 members, Anjitha Vinayan, Mubeena Mirshad, Ansula Rose and Noorul Haque T N were the teammates. The event took place in a large pool designed to replicate ocean conditions, adding a layer of realism and challenge. The competition was divided into three rounds, each testing different aspects of RC boat handling and design. In the first round, the Speed Challenge, boats raced on a straight course with the goal of achieving the fastest time. This was followed by the Maneuverability Challenge, where participants navigated a complex course filled with turns and obstacles, requiring precise control and skill. The final round, the Endurance Challenge, tested the boats' reliability over an extended period on a longer, circular course, emphasizing continuous operation without mechanical failures. Highlights of the event included the innovative designs presented by the participants, showcasing advanced materials and propulsion systems. The strong team spirit was evident as teams worked diligently to optimize their boats. Spectator engagement was high, with a large audience cheering on their favorite teams and enjoying the live commentary and real-time updates. Overall, the RC Boat Competition at IIT Madras was a resounding success, providing a platform for students to demonstrate their technical prowess, creativity, and teamwork. The event not only fostered a spirit of healthy competition but also encouraged innovation and practical application of engineering principles, setting a promising stage for future editions.





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**INTERNAL QUALITY ASSURANCE CELL**



<b>Name of the club/Department</b>	Electronics and communication department
<b>Staff in charge</b>	Mr Binish M.C

**Type of Activity:**

Competition

**Title of Activity:**

Aqua showdown

**Objective:**

Develop a Remote control boat that able to move in water .

**Level of activity (College/Regional / National / International) and target audience**

National

**Expected outcome - academic / social / commercial**

- academic

**Program details**

<b>Date</b>	<b>Time</b>	<b>Activity</b>	<b>Venue</b>
20/4/24	10:00 am	RC boat competition	Ocean department, IIT Madras

**Resource Person Details:**

Date	Name	Designation	Remuneration
20/4/24	Risana N.A	S6 ECE	
	Rushda Kulsu Naseer	S6 ECE	
	V.S.Akhil	S6 ECE	
	Muhammad Arshaq,	S6 ECE	

**REPORT**

The Wave Pirates team, comprising Risana N.A ,Rushda Kulsu Naseer, V.S.Akhil and Muhammad Arshaq, participated in the Aquashowdown RC boat competition organized by the Ocean Department of IIT Madras on April 20, 2024. The team showcased exceptional skill and teamwork, designing and building our RC boat, "Wave Pirates," with a focus on speed, agility, and maneuverability. The demonstrated impressive performance during the competition, navigating the challenging course with ease and adapting to changing conditions through effective communication and strategic decision-making.

The team secured a notable rank/position in the competition, a testament to the hard work, dedication, and collective efforts. The achieved remarkable feats, including the fastest lap time and most efficient propulsion system, and received praise from judges and fellow competitors for the sportsmanship and enthusiasm. This experience has fueled the passion for innovation and excellence in RC boat racing, and the look forward to future competitions where the can further improve the design and performance.





C.H. MOHAMMED KOYA  
**KMEA ENGINEERING CO**

**INTERNAL QUALITY ASSURANCE CELL**



<b>Name of the club/Department</b>	ELECTRONICS AND COMMUNICATION
<b>Staff in charge</b>	AMRUTHA P R

**Type of Activity:**  
 Workshop

**Title of Activity:**  
 Talk Session

**Objective:**  
 Introduction to Ipr and funding opportunities

**Level of activity (College/Regional / National / International) and target audience**  
 College

**Expected outcome - academic / social / commercial**  
 social

**Program details**

Date	Time	Activity	Venue
20/3/2024	2 PM -4 PM	Workshop	Smart class room

**Resource Person Details :**

Date	Name	Designation	Remuneration
------	------	-------------	--------------

20/3/2024	Binish M C	Asst. Professor	
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## **REPORT**

The Workshop was conducted at 2 pm on 20/03/2024 by the Electronics & Communication Engineering Department. The session was coordinated and handled by Mr. Binish M C (Assistant Professor) of Electronics & Communication Engineering Department. The eighth and sixth semester students of EC department were the audience. 56 students actively participated in the session. The resource person gave clear insight into the fundamentals of ipr and its funding opportunities.



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**KMEA ENGINEERING COLLEGE**

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**INTERNAL QUALITY ASSURANCE CELL**



<b>Name of the club/Department</b>	ELECTRONICS AND COMMUNICATION
<b>Staff in charge</b>	AMRUTHA P R

**Type of Activity:**

Workshop

**Title of Activity:**

Workshop

**Objective:**

Introduction to electronic product design concepts

**Level of activity (College/Regional / National / International) and target audience**

College

**Expected outcome - academic / social / commercial**

Commercial

**Program details**

Date	Time	Activity	Venue
29/7/2024- 2/7/2024	9 AM -4 PM	Workshop	Systems lab

**Resource Person Details :**

Date	Name	Designation	Remuneration
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20/3/2024	PROTHEM Pvt ltd		
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## **REPORT**

The Workshop was conducted at 9 am on 29/07/2024 by the Electronics & Communication Engineering Department. The session was handled by PROTHEM Pvt ltd. The third semester students of EC department were the audience. 27 students actively participated in the session. They can understand the importance of electronic product development lies in its ability to turn abstract ideas into real products that can improve lives, change industries, and shape the future of technology.









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**KMEA ENGINEERING COLLEGE**  
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DEPARTMENT OF  
ELECTRONICS AND COMMUNICATION

# ADD-ON PROGRAM

## ON ELECTRONIC PRODUCT DESIGN

### FOR S3 - ECE

 JULY 29 - AUGUST 2 2024  
 VENUE - SYSTEMS LAB



**PROTOHEIM**  
PRIVATE LTD.





Ernakulam, Kerala, India  
393H+HRF KMEA Engineering College, Mochamkulam, Kuzhivelippady, Kerala 682021, India  
Lat 10.054065°  
Long 76.379544°  
06/08/24 11:21 AM GMT +05:30





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### INTERNAL QUALITY ASSURANCE CELL



<b>Name of the club/Department</b>	ELECTRONICS AND COMMUNICATION
<b>Staff in charge</b>	AMRUTHA P R

**Type of Activity:**

Workshop

**Title of Activity:**

Talk session

**Objective:**

Importance of electronics and communication and carrier opportunities

**Level of activity (College/Regional / National / International) and target audience**

College

**Expected outcome - academic / social / commercial**

● Social

**Program details**

<b>Date</b>	<b>Time</b>	<b>Activity</b>	<b>Venue</b>
9/8/2024	9 AM -12 PM	Talk session	Conference hall

**Resource Person Details :**

<b>Date</b>	<b>Name</b>	<b>Designation</b>	<b>Remuneration</b>
9/8/2024	Dr.Pankaj sagar	Asst. Professor CUSAT	3000

## **REPORT**

The talk session was conducted at 9 am on 09/08/2024 by the Electronics & Communication Engineering Department. The session was handled by Dr. Pankaj sagar asst professor CUSAT. The first, third, fifth and seventh semester students of EC department were the audience. 95 students actively participated in the session. They can understand the importance of electronics and communication engineering and their scope.





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 Accredited by NAAC & NBA (ME,CE,EEE,EC,CSE)




# IGNITE 2024

Electronics and Communication  
Students

 Conference Hall PSTA Block

 August 9th , 2024

 Time 9:00 AM



**Dr Pankaj Sagar**  
 Assistant Professor  
 Head of Department of Instrumentation  
 CUSAT





Ernakulam, Kerala, India  
393J+M2X, Mochamkulam, Kuzhivelippady, Kerala 682021, India  
Lat 10.054188°  
Long 76.379979°  
09/08/24 09:51 AM GMT +05:30



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### INTERNAL QUALITY ASSURANCE CELL



<b>Name of the club/Department</b>	ELECTRONICS AND COMMUNICATION
<b>Staff in charge</b>	AMRUTHA P R

**Type of Activity:**

Workshop

**Title of Activity:**

Workshop

**Objective:**

Introduction to arduino

**Level of activity (College/Regional / National / International) and target audience**

College

**Expected outcome - academic / social / commercial**

academic

**Program details**

Date	Time	Activity	Venue
9/8/2024	1 PM -4 PM	Workshop	Systems lab

**Resource Person Details :**



<b>Date</b>	<b>Name</b>	<b>Designation</b>	<b>Remuneration</b>
9/8/2024	S7 students	Nil	Nil

## **REPORT**

The Workshop was conducted at 1 pm on 09/08/2024 by the Electronics & Communication Engineering Department. The session was handled by seventh semester students EC department. The first semester students of EC department were the audience. 20 students actively participated in the session. They can understand the basics of arduino programming.

# ARDUINO WORKSHOP

An Introductory workshop to arduino

 Systems Lab

 August 9th, 2024

 11 AM







C.H. MOHAMMED KOYA

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### INTERNAL QUALITY ASSURANCE CELL



<b>Name of the club/Department</b>	ELECTRONICS AND COMMUNICATION
<b>Staff in charge</b>	AMRUTHA P R

**Type of Activity:**

Workshop

**Title of Activity:**

Boot camp

**Objective:**

Boot camp on Allied Technologies for Drones

**Level of activity (College/Regional / National / International) and target audience**

College

**Expected outcome - academic / social / commercial**

social

**Program details**

Date	Time	Activity	Venue
28/2/2024- 3/3/2024	9 AM-4 PM	Workshop	CCF lab

**Resource Person Details :**

Date	Name	Designation	Remuneration
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28/2/2024- 3/3/2024	Dr. Arun	NEILT	MEITY funding
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## **REPORT**

The bootcamp featured a diverse range of sessions and workshops conducted by renowned experts in the field. Participants had the opportunity to learn from industry leaders who shared their insights and experiences. The sessions covered topics such as:

1. Drone Mechanics and Flight Dynamics
2. Sensor Integration and Remote Sensing Techniques
3. Artificial Intelligence and Machine Learning in Drones
4. Data Analysis and Visualization for Drone Applications
5. Legal and Ethical Considerations in Drone Operations





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इलेक्ट्रॉनिक्स एवं सूचना प्रौद्योगिकी मंत्रालय  
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY



INSTITUTION'S INNOVATION COUNCIL  
Association of Institutions, 2012-13

# BOOT CAMP ON ALLIED TECHNOLOGIES FOR DRONE

ON 28<sup>th</sup> FEB TO 3<sup>rd</sup> MARCH

funded by  
Meity, Government of India.  
Under the project

"Capacity Building for Human Resource Development in Unmanned Aircraft System (Drone and related Technology)."





C.H. MOHAMMED KOYA  
**KMEA ENGINEERING COLLEGE**  
APPROVED BY AICTE AFFILIATED TO KTU

## INTERNAL QUALITY ASSURANCE CELL

### SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL ACTIVITIES

<b>Name of the Department</b>	ELECTRONICS AND COMMUNICATION ENGINEERING
<b>Name of the Head of the Department</b>	Dr. SHAHIN M ABDULLA

**Type of Activity:**

**WORKSHOP**

**Title of Activity:**

"CODE WITH CONFIDENCE: A VIBRANT INTRODUCTION TO MATLAB'S BASICS WITH LIVE PRACTICAL SESSIONS FOR PRACTICAL BRILLIANCE"

Add rows as required

**Objective:**

To familiarize sixth semester students on the MATLAB basics and Simulink with 10 simple projects.

Add rows as required

**Level of activity (College/Regional / National / International) and target audience**

College Level, Sixth Semester ECE Students

Add rows as required

**Project Impact -Expected outcome - academic / social / commercial**

Students became aware of the MATLAB Programming.

Add rows as required

**Programme details**

Date	Time	Activity	Venue	Infrastructural requirements and availability
15/02/2024	9.30 am – 11:30 am	Workshop	Systems Lab, ECE	Desktop Computers

Add rows as required

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
Ms. Naeema Nazar	ECE alumini, IEEE photonics society representative	Dept. of ECE, KMEA Engineering College	MATLAB

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	nil			
Stationery, printing,	na			

Travel, Stay and DA	na			
Other (please write each heading in each row)	na			
<b>Total</b>	nil			

Add rows as required.  
Max assistance 3 Lakhs

### Details of Coordinators

	Coordinator
Name	AMRUTHA P R
Exact designation	Assistant Professor
Department	Electronics & Communication Engineering
Cell number	9562892155
Email	apr.ec@kmeacollege.ac.in
Signature	

### Report of the Event: ( Minimum 500 Words )

The Workshop was conducted at 9.30 am on 15/02/2024 by the Electronics & Communication Engineering Department. The session was coordinated and handled by Ms. AMRUTHA P R (Assistant Professor) of Electronics & Communication Engineering Department. The sixth semester students of EC department were the audience. 29 students actively participated in the session. The resource person gave clear insight into the fundamentals of MATLAB and its programming. The session included 10 projects of MATLAB fundamentals and simulink.

**HOD**

**PRINCIPAL**



C. H. MOHAMMED KOYA  
**KMEA ENGINEERING COLLEGE**  
 Approved by AICTE Affiliated to APJ Abdul Kalam Technological University  
 EDATHALA P.O. COCHIN, KERALA, INDIA 683561



## DEPT. OF ELECTRONICS & COMMUNICATION ENGINEERING

"CODE WITH CONFIDENCE: A VIBRANT  
 INTRODUCTION TO MATLAB'S BASICS WITH  
 LIVE PRACTICAL SESSIONS FOR PRACTICAL  
 BRILLIANCE!"



**NAEEMA NAZAR**

IEEE Photonics Society Global Strategy Representative for India  
 KMEA ECE ALUMINI



THURSDAY,  
 15 FEBRUARY 2024



9:30AM - 11:30AM



KMEA ENGINEERING COLLEGE



### ELIGIBILITY :

FDP is open to the faculty members, research scholars, PG scholars, and all staff members of the host institutions

### CERTIFICATE:

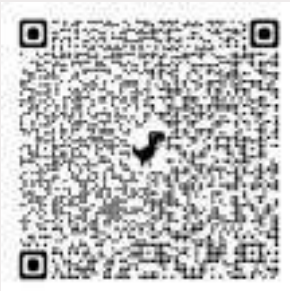
Certificate will be issued to all the participants who have attended the session with minimum 80% attendance.

### IMPORTANT DATES:

Registration starts : 21<sup>st</sup> June 2024

Registration ends : 02<sup>nd</sup> July 2024

LOCATION:  
Scan and Locate



### REGISTRATION FEES: Rs 200

Registration fee can be paid on the following account

ACCOUNT NUMBER:

IFSC CODE

BANK NAME

BRANCH NAME

ACCOUNT NAME

### REGISTRATION FORM

Log on to \_\_\_\_\_

### ADDRESS FOR CORRESPONDENCE

jbm.ec@kmeacollege.ac.in (Coordinator)  
ama.ec@kmeacollege.ac.in (Joint Coordinator)

Contact No: 9895428220 (Coordinator)  
8075358261 (Joint Coordinator)  
9495909397 (HOD)

## KMEA COLLEGE OF ENGINEERING AND TECHNOLOGY

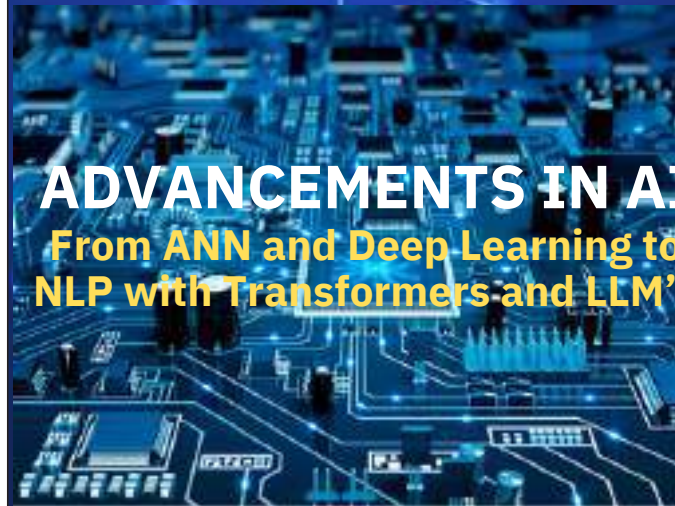
Edathala, Aluva, Ernakulam, Kerala, India  
pin:683561  
kmeacollege.ac.in



**KMEA**  
ENGINEERING COLLEGE

EDATHALA, ALUVA

**Three Days Faculty  
Development Program on**



4th, 5th and 6th July 2024

Organized by  
Department of Electronics and  
Communication Engineering





## ABOUT THE COLLEGE

The Kerala Muslim Educational Association was established in 1957 with the lofty aim of setting up quality educational institutions on a par with global standards. KMEA Engineering College (KEC) was established in 2002 under the management of Kerala Muslim Educational Association, a charitable trust. It is approved by All India Council for Technical Education (AICTE) and affiliated to APJ Abdul Kalam Technological University. The college is accredited by National Assessment and Accreditation Council (NAAC) and National Board of Accreditation (NBA)

## ABOUT THE DEPARTMENT

The Electronics and Communication Engineering (ECE) Department was established in 2002, with a vision to mould academically excellent, socially committed, and ethically strong professionals with innovative ideas in the growing technical world by providing high quality education in this field. Students engage in research and projects across various fields, including biomedical, signal processing, AI, telecommunications, and renewable energy. Our E-Yantra lab, sponsored by IIT Bombay, along with our incubation center and industry collaborations, is actively engaged in research and projects in biomedical signal processing, AI, communication, embedded systems, robotics etc. With a strong emphasis on interdisciplinary learning and real-world applications, the ECE Department provides a comprehensive education that equips students to tackle modern engineering challenges and lead in technological advancements.

### Vision

To mould academically excellent, socially committed and ethically strong professionals with innovative ideas in growing technical world by providing a high quality education in the field of Electronics and Communication Engineering

### Mission

- M1: To provide an environment for multifaceted education rooted in science and updated technology.
- M2: To support research and development leading to innovations in the field of electronics and communication.
- M3: To produce technologists by enhancing problem solving skills, team-spirit, social responsibilities, ethics and entrepreneurship skills.

## ORGANIZING COMMITTEE

### Chief Patron: Dr Amar Nishad T M

Principal, KMEA

### Patron: Dr. Rekha Lakshmanan

Vice-Principal, KMEA

### Organizing Chair:

Dr. Shahin M Abdulla, HOD(ECE), KMEA

Dr Smitha K M ,Dean Academics.KMEA

### Coordinator:

Prof. Jubaira Mammoo ,AP, ECE, KMEA

### Joint Coordinator:

Prof. Abini M A, AP, ECE, KMEA

### Members:

Prof. Bushara A R, AP, ECE, KMEA

Prof. Binish M C, AP, ECE, KMEA

Prof. Mohammed Ismail, AP, ECE, KMEA

Prof. Amrutha P R, AP, ECE, KMEA

## AIMS AND OBJECTIVE OF FDP

The FDP aims to provide comprehensive knowledge and practical insights into AI and machine learning, covering foundational concepts like ANN and deep learning, advanced topics including RNN-based NLP models, attention mechanisms, transformers, and popular models like BERT and GPT, while also exploring LLM realization, fine-tuning, prompt engineering, Retrieval-Augmented Generation (RAG), and current trends in the field

AIML

ANN and Deep Learning

DL models for NLP(RNN Family)

Attention Mechanism

Transformers

BERT and GPT

LLM Realization and Popular Models

Fine Tuning

Prompt Engineering

RAG

Current Trends

## PROPOSED OUTCOMES

- Proficiency in ANN and Advanced Deep Learning
- Familiar with NLP, Transformers, attention mechanism
- Familiar with Language models like BERT & GPT
- Enhance skills in prompt engineering and RAG
- Familiar with current trends and advancements in AI

## RESOURCE PERSONS



Dr Shailesh Sivan  
Assistant Professor  
DCS, CUSAT



Dr. Jeena Kleenankandy  
Assistant Professor  
DCS, CUSAT





**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. BENAZIR K K

**Type of Activity:**

**WORKSHOP**

**Title of Activity:**

CODE MASTERY WORKSHOP – CODING WITH PYTHON

**Objectives:**

1. Introduce +2 students to Python programming fundamentals.
2. Provide hands-on experience in writing and executing Python code.
3. Familiarize students with basic syntax, data types, and control structures in Python.
4. Encourage problem-solving skills and logical thinking.
5. Write simple Python programs using control structures and functions.
6. Apply Python programming to real-world problems.
7. Promote the Dept. of Computer Science, KMEA Engineering College, as a hub for quality education and training.
8. Engage B.Tech final year students as mentors, fostering industry-academia collaboration.

**Level of activity (College/Regional / National / International) and target audience**

COLLEGE LEVEL  
  
Students

**Expected outcome - academic / social / commercial**

ACADEMIC & COMMERCIAL

**Program details:**

Date	Time	Activity	Venue	Infrastructural requirements and availability
27.01.2024 – 31.01.2024	7.30 pm – 8.30 pm	Free Online Crash course on Python Programming	Online Mode	Laptops

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
S5 and S7 Students of KMEA	CSE Students	KMEA Engg College	Python Programming

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Address	Website	Contact person, designation, email	Roles in collaborating/ Participating	Financial commitment Rs.
					Nil

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing, Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>				

**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Ms. Vidhya Hari	Ms. Munshida K K

Exact designation	Assistant Professor	Assistant Professor
Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number	9447625552	9847441385
Email	vdh.it@kmeacollege.ac.in	<a href="mailto:mkk.cs@kmeacollege.ac.in">mkk.cs@kmeacollege.ac.in</a>
Signature		

**Report of the Event:**

The 5-day online workshop on Python Programming for +2 students, organized by the Dept. of Computer Science, KMEA Engineering College, was a comprehensive introduction to Python fundamentals. Over the five days, participants learned about basic syntax, data types, control structures, functions, modules, file handling, and exceptions. Each day's session was interactive, with hands-on exercises and guidance from B.Tech final year students acting as mentors.

Day 1: Introduction to Python, basic syntax, and data types

Day 2: Control structures (if-else, loops)

Day 3: Functions and modules

Day 4: File handling and exceptions

Day 5: Project development and Q&A session

By the end of the workshop, participants gained a solid understanding of Python programming concepts and were able to apply them to real-world problems. They developed problem-solving skills, logical thinking, and an appreciation for computer science. The workshop was a resounding success, achieving its objectives of introducing +2 students to Python programming and inspiring them to explore computer science further. The Dept. of Computer Science, KMEA Engineering College, demonstrated its commitment to quality education and training, while the B.Tech final year students showcased their expertise and mentoring skills. The workshop's outcome will have a positive impact on the participants' future academic and professional pursuits.

**HOD**

**PRINCIPAL**



G.H. MOHAMMED KOYA  
**KMEA ENGINEERING COLLEGE**  
ESTD - 1983 APPROVED BY AICTE AFFILIATED TO KTU

**DEPT OF COMPUTER SCIENCE & ENGINEERING  
 PRESENTS**

# CODE MASTERY WORKSHOP - CODING WITH PYTHON

**CONTACT**

**8589062939**  
Head of Program, Department of C&E

**ARE YOU A PLUS TWO STUDENT  
 IN CBSE? DO YOU WISH TO GET  
 MORE CLARITY IN PYTHON?**

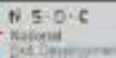
**JOIN OUR CRASH COURSE**

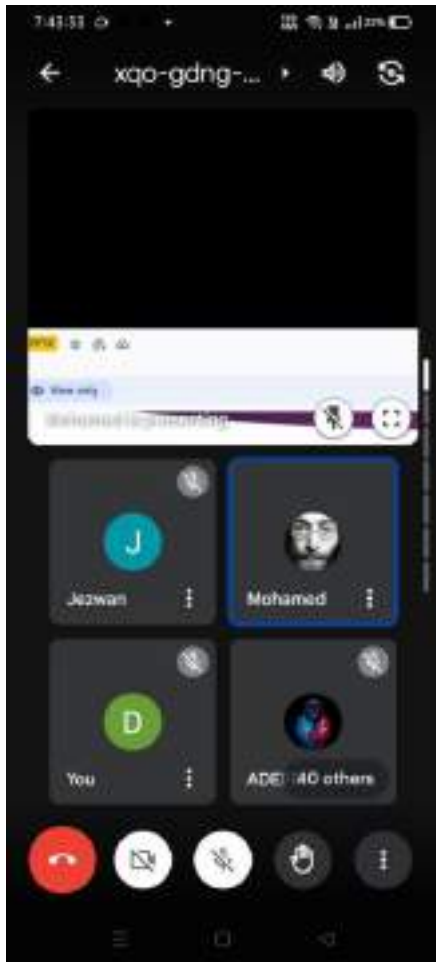


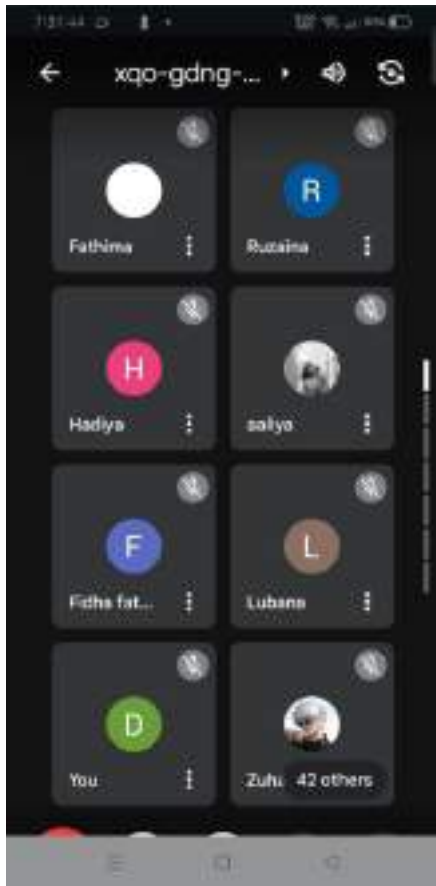
**27 JAN - 31 JAN  
 2024**



**7:30pm -  
 8.30pm**









## Student Development Program on “Hardware startup showcase : PC Assembly Demo workshop”

<b>Name of the Department</b>	<b>COMPUTER SCIENCE AND ENGINEERING</b>
<b>Name of the Head of the Department</b>	<b>Dr. REKHA LAKSHMANAN</b>

**Type of Activity:** Student Development Program

**Title of Activity:** “Hardware startup showcase : PC Assembly demo workshop”

### **Objective:**

The workshop was aimed at the first-year students of the department and focused on imparting knowledge and practical skills related to operating system installation and PC assembling. The report will highlight the key aspects of the workshop, including its organization, content, methodology, and outcomes, with a primary goal of capturing the educational value and positive impact of the event on the participating students.

1. Understanding Hardware Components
2. Familiarity with Operating Systems
3. Building a Computer System
4. Troubleshooting
5. Operating System Installation
6. BIOS/UEFI Configuration
7. Best Practices and Safety Measures

By the end of the program, the session taught the audience the working of the components of a computer system. Also, the workshop included another session on installation of operating systems- Ubuntu and Windows 10.

**Level of activity (College/Regional / National / International) and target audience**

Regional Level, Students and staff

**Expected outcome - academic / social / commercial**

1. Enhanced Understanding of PC Components
2. Practical Knowledge in PC Assembly
3. Comprehension of Component Interconnections
4. Insight into Operating System Installation
5. Practical Exposure to OS Installation
6. Increased Confidence in Technical Tasks

**Programme details**

DATE	TIME	Sessions	Venue	Infrastructural requirements and availability
21/09/2023 Thursday	10 am- 12 noon	Inauguration	Linux Lab/Programming Lab/CCF 3 LAB	Computer Lab with internet facility

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
S7 Students CSE	Students	KMEA Engineering college	

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Address	Website	Contact person , designation, email	Roles in collaborating/participating	Financial commitment# in Rs.
CSI				Institutional membership	
Total Rs.					-----

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	NIL	NIL	NIL	NIL
Stationery, printing,	NIL	NIL	NIL	NIL



Registration Fee	NIL	NIL	NIL	NIL
Travel, Stay and DA	NIL	NIL	NIL	NIL
Refreshment	4000	4000	NIL	NIL
<b>Total</b>	4000			

#### Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Mohammed Bilal	Mansoor
Exact designation	Student	Student
Department	Computer Science And Engineering	Computer Science And Engineering
Cell number	7356362650	7736970903
Email	<a href="mailto:mohamedbilal1800@gmail.com">mohamedbilal1800@gmail.com</a>	cs24mans@kmeacollege.ac.in
Signature		

#### Report of the Event: (Minimum 500 Words)

The 1-day student development program on OS Installation and PC Assembling for beginners was conducted to provide an introduction to the OS Installation and PC Assembling workshop. The program aimed to equip participants with the foundational knowledge and skills required to build a system. An inaugural function was held on the first day of the program. The inaugural function was attended by the Vice Principal Dr. Rekha Lakshmanan, and faculty members of CSE department. The function included introduction to PC hardware, PC building, OS installation. The final year students discussed topics on the different components of a PC, their functionalities and connections between them. The student development program was conducted by final years and included a combination of lectures and hands-on exercises. The program covered topics such as data PC hardware, PC assembling, and OS installation. The participants were provided with access to a computer lab equipped with necessary software and tools. The student development program was attended by all two batch students of CSE branch. At the end of the program, the participants were able to develop an understanding of the OS Installation and PC Assembling.

**HOD**

**PRINCIPAL**



C. H. MOHAMMED KOYA  
**KMEA ENGINEERING COLLEGE**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

# HARDWARE STARTUP SHOWCASE -PC ASSEMBLY DEMO

**S7 STUDENTS**



SEPTEMBER 21, 2023  
 10:00AM



**ATAL RANKING**  
**64**  
 MoE, Govt. of India







C.H. MOHAMMED KOYA

**KMEA ENGINEERING COLLEGE**

APPROVED BY AICTE

AFFILIATED TO KTU



## **REPORT ON FIELD VISIT**

Name of the event : Maker village visit as per IIC Calendar

Date of Event : 19th January 2024

Location of Event : Maker Village Fab Lab Kalamassery

of participants : 32

Programme Organised by : IIC, IEDC, EDC Kmea Engineering College

Contact person : Dr. Sangeetha +919003920949

### **ABOUT MAKER VILLAGE KOCHI**

Maker Village is a hardware incubator located in Kochi, Kerala, India. It is one of the largest electronics incubators in India and was established with the aim of fostering the growth of hardware startups and providing them with the resources and support they need to bring their ideas to life. The incubator provides its residents with access to state-of-the-art equipment, workshops, prototyping facilities, and a supportive community of mentors, investors, and peers. The goal of Maker Village is to help entrepreneurs turn their ideas into successful hardware products and companies.

### **PROGRAMME SUMMARY**

On 19th January 2024, around 32 faculty visited the Maker village in Kerala Technology Innovation Zone, Kinfra Hi-Tech Park, Kalamassery, Kochi, Kerala at 10AM. A visit to Maker Village in Kochi is a valuable experience for anyone who is interested in the hardware startup ecosystem, including entrepreneurs, students, investors, and industry professionals. Our visit to Maker Village included the following activities:

1. Tour of the facilities: We received a tour of the Maker Village facilities, including the workshops, prototyping labs, and co-working space. This provided us with an opportunity to see the resources available and also get a sense of the supportive and collaborative environments.
2. Meetings with startups: We received an opportunity to meet with startups that are part of the Maker Village community and hear about their experiences, challenges, and successes.
3. Presentations and Demonstrations: We attended presentations and demonstrations by startups, showcasing the hardware prototypes and products they are working on. Also there were presentations taken by Maker village authorities explaining about its importance, functions and its contributions to society.
4. Networking Opportunities: Maker Village also provided opportunities for all the visitors to network with entrepreneurs, investors, and other industry professionals.

Major key equipments and resources available at Maker village Kochi

Maker Village in Kochi is equipped with a range of state-of-the-art equipment and resources to support hardware startups and entrepreneurs. The following is a list of some of the key equipment and resources available at Maker Village:

1. Electronics Workshop: Maker Village has a well-equipped electronics workshop with soldering stations, power supplies, oscilloscopes, multimeters, and other tools and equipment for prototyping and testing electronics circuits.
2. Mechanical Workshop: Maker Village also has a mechanical workshop with a variety of tools and equipment, including lathes, milling machines, 3D printers, and laser cutters, to support the development of hardware prototypes.
3. Prototyping Labs: Maker Village has multiple prototyping labs that are equipped with the tools and resources needed to build and test hardware prototypes, including a variety of hand and power tools, workbenches, and test equipment.
4. Co-working Space: The incubator provides residents with access to a shared co-working space that is equipped with desk space, internet access, and other resources to support collaboration and teamwork.
5. Design Software: Maker Village provides residents with access to a variety of design software, including CAD (computer-aided design) tools, simulation software, and other design tools to support product development.
6. List of some of the machinery and equipment available at Maker Village:

1. Lathes
2. Milling machines
3. 3D printers
4. Laser cutters
5. Soldering stations
6. Power supplies
7. Oscilloscopes
8. Multimeters
9. Workbenches
10. Hand and power tools
11. Test equipment

These are just some of the key equipment and resources available at Maker Village in Kochi. The incubator is continually updating and expanding its facilities to support the evolving needs of hardware startups and entrepreneurs.

The visit concluded at 1PM with a brief interaction with Mr RajeevKumar, AO, Maker village. The visit was supported by KMEA IEDC, EDC and IIC.



C.H. MOHAMMED KOYA  
**KMEA ENGINEERING COLLEGE**  
Approved by AICTE      Affiliated to MG University & KTU

**EDC KMEA**



in association with



**IEDC KMEA & IIC**



**Maker Village**

**THE ELECTRONICS INCUBATOR IN KERALA**



**Field Visit**

**19 JANUARY 2024**







C. H. MOHAMMED KOYA  
**KMEA ENGINEERING COLLEGE**  
APPROVED BY AICTE AFFILIATED TO KTU

**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER**  
**TECHNICAL ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. BENAZIR K K

**Type of Activity:**

**NATION WIDE EXTENSION ACTIVITY**

**Title of Activity:**

**Department of Computer Science & Engineering Celebrating India's 76th Independence by Conducting a Series of National Level Awareness programme on Digital Literacy, AI & it's Emerging Trends**

**Objectives:**

**To enlighten the theme of 76th celebration of India's Independence :** To make an insight into the theme of 76 th Independence of India “NATION FIRST ALWAYS FIRST”. It mainly focus to the Students to remind their prime duties & responsibilities, to our Mother land and also to those Public who belong to non-technical background.

**Promote National-Level Digital Literacy:** The program seeks to promote digital literacy at a national level, enabling individuals to effectively utilize digital tools and technologies in their personal and professional lives. The program seeks to provide computer literacy to individuals from different backgrounds, including students, self-help groups, youth, tribes, and the general public.

**Empower Recent Advancements in digital world:** By providing insights into recent advancements in AI, the program intends to empower participants with the knowledge required to stay updated in an ever-evolving technological landscape.

**To reach grassroots levels:** By conducting classes in various districts in Kerala & other States of India, the program aims to reach communities at the grassroots level, ensuring that even remote areas have access to computer science education and emerging trends in technology.

**To encourage participation:** The program strives to encourage participation from local communities and diverse groups, fostering an inclusive learning environment.

**To gather feedback and improve:** The program aims to gather feedback from participants and continuously improve the sessions based on the received appreciation and suggestions.

**To collaborate with local government bodies:** The program aims to collaborate with local government representatives to gain support and encouragement, thereby enhancing its reach and impact.

**Offer Free Sessions on Computer Literacy:** The program seeks to eliminate barriers to learning by providing exclusive free offline & online sessions on computer literacy, ensuring that financial constraints do not hinder participation.

**Level of activity (College/Regional / National / International) and target audience**

**NATIONAL LEVEL**

Students, Self help groups like Kudumbasree, women, Youth, individuals from different backgrounds, tribes, and the general public.

**Expected outcome - academic / social / commercial**

**ACADEMIC, SOCIAL, NATIONAL INTEGRATION, EXTENSION  
ACTIVITY**

## Program details

Date	Time	Activity	Venue	Infrastructural requirements and availability
19.07.2024 20.07.2024	9:30am to 4:30pm	Two days workshop on national level digital & AI awareness program conducted for students, MDLP School,,Kottayam	MDLP School, Kottayam	Venue, Laptop

## Resource Person Details:

Name	Designation	Organization	Area of Expertise
Dr.Benazir K K	HoD&Associate Professor	KMEA Engg. College	Digital Literacy AI & it's emerging trends

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any. Yes.AI FOUNDATION TRUST INDIA.**

Name	Address	Website	Contact person, designation, email	Roles in collaborating/participating	Financial commitment# in Rs.
KMEA Engg. College	KMEA Engg. College	<a href="http://www.kmeacollege.ac.in/">www.kmeacollege.ac.in/</a>	Dr Benazir KK Associate Professor bkk.cs@kmeacollege.ac.in	Programme Coordinator	Nil

## Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	NA	NA
Stationery, printing,				
Travel, Stay and DA				

Other (please write each heading in each row)				
<b>Total</b>				

**Details of Coordinator**

	Coordinator 1
Name	Dr Benazir KK
Exact designation	Associate Professor
Department	Computer Science & Engg., KMEA
Cell number	9447660880
Email	bkk.cs@kmeacollege.ac.in
Signature	

**Report of the Event:**

On behalf of The Nation Level programme organized by the department of Computer Science & Engineering , KMEA Engineering College Organized two days Hands on workshop for students of MDLP School, Kottayam. The workshop that aimed to educate and inspire young minds. The program's objective was to make students aware of digital literacy, its importance, and their role in promoting it, while also instilling a sense of responsibility and duty towards the nation.

The workshop was a comprehensive and interactive experience, covering topics such as introduction to digital literacy, online safety and cybersecurity, digital tools for learning, and nation-building. Students participated in group discussions and activities, sharing their ideas and thoughts on digital literacy and nation-building.

The program was a resounding success, with students gaining a deeper understanding of digital literacy and its significance. They developed awareness about online safety and cybersecurity measures and were inspired to work towards building a completely literate India. The workshop encouraged students to take ownership of their responsibilities towards the nation, empowering them to become responsible digital citizens.

Testimonials from students reflected the program's impact, with many expressing their gratitude for the opportunity to learn and grow. The KMEA Engineering College is committed to continuing such initiatives, fostering a culture of digital literacy and patriotism among young minds. By empowering school students, the program aims to contribute to the growth and development of the nation.

**HOD**

**PRINCIPAL**



C.H. MOHAMMED KOYA  
**KMEA Engineering College**  
 Approved By AICTE  
 Accredited By NAAC & NBA (ME, CE, EEE, EC, CSE)



DEPARTMENT OF  
 COMPUTER SCIENCE & ENGINEERING

**National level second series of  
 AWARENESS PROGRAM ON DIGITAL LITERACY  
 "AI & ITS EMERGING TRENDS"**

**SPEAKER**



**DR. BENAZIR K K**  
 HoD & Associate Professor,  
 Dept of CSE  
 KMEA ENGINEERING COLLEGE

**"CELEBRATING  
 INDIA'S  
 INTEGRITY"**

19TH & 20TH  
 AUGUST 2024

MDLP SCHOOL,  
 KOTTAYAM 05.



**ATIL RANKING**  
**64**  
 MoU, Govt of India





**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. REKHA LAKSHMANAN

**Type of Activity:**

SEMINAR
---------

**Title of Activity:**

DIGITAL VENTURE STUDIO
------------------------

**Objectives:**

<ul style="list-style-type: none"><li>• Introduce attendees to the field of Full Stack Java Development. This involved explaining what full-stack development is, the different skills it requires, and why Java is a popular choice for this field.</li><li>• Generate interest in Archon Solutions' Full Stack Java Development Course. The seminar aimed to showcase the company's expertise and convince attendees that their course is the best option for learning these skills.</li><li>• Provide a basic understanding of Java programming. This involved introducing core concepts like syntax, data types, control flow, and object-oriented programming.</li><li>• Assess the audience's interest and potential for enrollment: The company gauged the audience's level of interest and suitability for their course.</li></ul>
--

**Level of activity (College/Regional / National / International) and target audience**

COLLEGE LEVEL
Students

**Expected outcome - academic / social / commercial**

ACADEMIC & COMMERCIAL
-----------------------

**Program details:**

Date	Time	Activity	Venue	Infrastructural requirements and availability
3.10.2023	2.30 pm	Digital Venture studio - Full Stack Development and Java Training Program	Conference Hall	Smart Board

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
Mr.Rahul R Kumar Mrs. Arathi Pradeep	HR Java Tech	Archon Solution	

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Address	Website	Contact person, designation, email	Roles in collaborating/ Participating	Financial commitment Rs.
					Nil

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	NA	Request given to AI Foundation India
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row)				



<b>Total</b>				
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**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Dr Sheena Kurian	Mrs. Vidya Hari
Exact designation	Associate Professor	Assistant Professor
Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number	9746798804	9447625552
Email	skn.cs@kmeacollege.ac.in	<a href="mailto:vdh.it@kmeacollege.ac.in">vdh.it@kmeacollege.ac.in</a>
Signature		

**Report of the Event:**

Archon Solutions recently conducted a seminar introducing their Full Stack Java Development course. Mr. Rahul R Kumar commenced the event by providing an overview of Archon Solutions, elucidating their commitment to delivering top-tier educational services. He outlined the comprehensive nature of their Full Stack Java Development program, emphasizing its relevance in the current tech landscape. Following Mr. Kumar's introduction, Mrs. Arathi Pradeep delved into a succinct overview of Java. She highlighted its significance in software development, discussing its versatility, robustness, and wide-ranging applications across industries. Mrs. Pradeep touched upon key Java concepts, frameworks, and tools, giving attendees a glimpse into the vast possibilities the language offers. Overall, the seminar provided valuable insights into both Archon Solutions' educational offerings and the foundational knowledge of Java programming.

**HOD**

**PRINCIPAL**



C.H. MOHAMMED KOYA

**KMEA Engineering College**

Approved By AICTE

Affiliated to KTU

Accredited By NAAC & NBA (ME, CE, EEE, EC, CSE)



*Department of  
Computer science and engineering  
presents*

# **DIGITAL VENTURE STUDIO**

*in association with*




**FULL STACK JAVA  
TRAINING PROGRAM**



**ARIIA**

ALL INDIA INSTITUTE OF INFORMATION TECHNOLOGY  
AND MANAGEMENT



 **GPS Map Camera**



Ernakulam, Kerala, India  
393H+QXF, Mochamkulam, Kuzhivelippady, Kerala 682021, India  
Lat 10.054197°  
Long 76.380047°  
03/10/23 02:35 PM GMT +05:30



**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. REKHA LAKSHMANAN

**Type of Activity:**

<b>SEMINAR</b>
----------------

**Title of Activity:**

<b>TECH INNOVATION</b>
------------------------

**Objectives:**

<p><b>Educate on Generative AI Basics:</b> Provide attendees with a foundational understanding of Generative AI, including its principles, techniques, and applications.</p> <p><b>Highlight Employability Opportunities:</b> Showcase the diverse career opportunities and roles available in the field of Generative AI across industries, emphasizing its growing demand in academia and the job market.</p> <p><b>Explore Industry Trends:</b> Discuss current trends and advancements in Generative AI technology, as well as their implications for future job prospects and skill requirements..</p> <p><b>Demonstrate Academic Applications:</b> Illustrate how Generative AI is being used in academic research, teaching, and learning, showcasing its potential to enhance educational experiences and outcomes.</p> <p><b>Address Skill Development:</b> Provide guidance on developing essential skills and competencies in Generative AI, including programming, machine learning, data analysis, and domain-specific knowledge.</p>
--

**Discuss Ethical Considerations:** Initiate a dialogue on the ethical implications of Generative AI in academia and the workplace, emphasizing the importance of responsible AI development and usage.

**Share Success Stories:** Share success stories and case studies of individuals who have leveraged Generative AI skills to advance their careers or make meaningful contributions in their respective fields.

**Offer Learning Resources:** Recommend resources, courses, and learning pathways for attendees to further their knowledge and skills in Generative AI, including online tutorials, books, workshops, and academic programs.

**Level of activity (College/Regional / National / International) and target audience**

COLLEGE LEVEL  
Students

**Expected outcome - academic / social / commercial**

ACADEMIC & COMMERCIAL

**Program details:**

Date	Time	Activity	Venue	Infrastructural requirements and availability
12.10.2023	2.00 pm	Talk on generative AI and Employability	SMART CLASS ROOM	Smart Board

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
Leena Ali	Technical Lead	Vofox Solutions	Machine Learning

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Address	Website	Contact person, designation, email	Roles in collaborating/ Participating	Financial commitment Rs.
					Nil

<b>Budget Estimates</b>		
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Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	NA	Request given to AI Foundation India
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>				

#### Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Ms. Vidhya Hari	Ms. Sheena Kurian
Exact designation	Assistant Professor	Associate Professor
Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number	9447625552	9746798804
Email	vdh.it@kmeacollege.ac.in	<a href="mailto:skn.cs@kmeacollege.ac.in">skn.cs@kmeacollege.ac.in</a>
Signature		

#### Report of the Event:

Department of Computer Science & Engineering organised a seminar on 12th October 2023 at KMEA Engineering College. The resource person for the event was Ms. Leena Ali, Team Lead, Vofox solutions. There were about 60+ participants. The session started with the welcome address by Ms. Shyni, Ms. Sheena Kurian, Associate Professor, CSE Dept. The speaker adeptly conveyed a comprehensive understanding of Generative AI and its implications for entrepreneurship and innovation and idea development and its ethical

considerations, thereby equipping attendees with invaluable insights to navigate this dynamic field with confidence.. The session ended by 4 pm with a feedback and Q&A session.

HOD

PRINCIPAL

C.H. MOHAMMED KOYA  
**KMEA Engineering College**  
Approved By AKCE  
Accredited By NAAC & NBA (ME, CE, EEE, EC, CSE)  
Affiliated to KJVSOM  
NBA  
NBA  
NBA

DEPARTMENT OF  
COMPUTER SCIENCE & ENGINEERING

**TECH INNOVATION**  
*for career acceleration*

Resource person

TUESDAY  
12 october 2023

TIME  
10 : 00 AM

GREEN BLOCK -  
SMART CLASS ROOM

**Ms. Leena Ali**  
Team Lead, Vofox solutions.





**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. BENAZIR K K

**Type of Activity:**

SEMINAR
---------

**Title of Activity:**

STARTUP READY : DEVELOPING IN-DEMAND SKILLS
---

**Objectives:**

<ul style="list-style-type: none"><li>• Introduce attendees to the field of Power BI. This involved explaining Power BI, a business analytics service by Microsoft.</li><li>• The seminar aimed to showcase the capabilities of Power BI, setting up Power BI, installing Power BI desktop and understanding the data model relationships.</li><li>• This helped the audience to learn the advanced visualization techniques using DAX formulas for calculations.</li><li>• Finally a Hands-on Practice and Q&amp;A.</li><li>• Assess the audience's interest and provided resources for further learning and support.</li></ul>
--

**Level of activity (College/Regional / National / International) and target audience**

COLLEGE LEVEL  Students
-------------------------------

**Expected outcome - academic / social / commercial**

ACADEMIC & COMMERCIAL

**Program details:**

Date	Time	Activity	Venue	Infrastructural requirements and availability
09.11.2023	9.30 am – 4:30 pm	Introduction to Power BI	CCF3 Lab	Smart Board

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
Mr. Vinayak	Senior Data Architect	IKEA of Sweden	

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Address	Website	Contact person, designation, email	Roles in collaborating/ Participating	Financial commitment Rs.
					Nil

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	NA	Request given to AI Foundation India
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>				

**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Dr Sheena Kurian	Mrs. Vidya Hari
Exact designation	Associate Professor	Assistant Professor
Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number	9746798804	9447625552
Email	<a href="mailto:skn.cs@kmeacollege.ac.in">skn.cs@kmeacollege.ac.in</a>	<a href="mailto:vdh.it@kmeacollege.ac.in">vdh.it@kmeacollege.ac.in</a>
Signature		

### Report of the Event:

IKEA of Sweden recently conducted a seminar introducing Power BI to our students. Mr. Vinayak commenced the event by providing an overview of Power BI. The seminar aimed to introduce attendees to the field of Power BI, a business analytics service by Microsoft. The event showcased the capabilities of Power BI, guiding participants through the setup process and installation of Power BI Desktop. The presentation delved into understanding data model relationships, a crucial aspect of Power BI. Furthermore, advanced visualization techniques were explored using DAX formulas for calculations, empowering attendees to unlock the full potential of Power BI.

The seminar included interactive elements, featuring a hands-on practice session where participants applied their newfound knowledge. A Q&A session followed, addressing queries and clarifying doubts. Throughout the event, the audience's interest was assessed, and resources for further learning and support were provided, ensuring a comprehensive learning experience. Overall, the seminar successfully equipped attendees with a solid understanding of Power BI, its applications, and advanced features, paving the way for enhanced business analytics and data-driven decision-making.

**HOD**

**PRINCIPAL**



C.H. MOHAMMED KOYA

**KMEA Engineering College**

Approved By AICTE

Affiliated to KTU

Accredited By NAAC & NBA (ME, CE, EEE, EC, CSE)



DEPARTMENT OF  
COMPUTER SCIENCE & ENGINEERING

# STARTUP READY - DEVELOPING IN-DEMAND SKILLS



**Mr. Vinayak**

Senior Data Architect  
IKEA of Sweden

**NOVEMBER 9, 2023**

9:30 - 12:30

Online hands-on Workshop

"Discover the critical role of data analysis in today's businesses and enhance your skills with our focused Power BI tutorial."



ATUL RANKING  
**64**  
W.E. Govt. of India



N-S-D-C  
National  
Skill Development  
Corporation



INSTITUTION'S  
INNOVATION  
COUNCIL



Nov 9, 2023 9:41:10 AM



## **INTERNAL QUALITY ASSURANCE CELL SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. REKHA LAKSHMANAN

**Type of Activity:**

**NATION WIDE EXTENSION ACTIVITY**

**Title of Activity:**

**Department of Computer Science & Engineering Celebrating India's 76th Independence by Conducting a Series of National Level Awareness programme on Digital Literacy, AI & it's Emerging Trends**

**Objectives:**

**To enlighten the theme of 76th celebration of India's Independence :** To make an insight into the theme of 76 th Independence of India “NATION FIRST ALWAYS FIRST”. It mainly focus to the IT professional students to remind their prime duties & responsibilities, to our Mother land and also to those Public who belong to non-technical background.

**Promote National-Level Digital Literacy:** The program seeks to promote digital literacy at a national level, enabling individuals to effectively utilize digital tools and technologies in their personal and professional lives. The program seeks to provide computer literacy to individuals from different backgrounds, including students, self-help groups, youth, tribes, and the general public.

**Empower Recent Advancements in digital world:** By providing insights into recent advancements in AI, the program intends to empower participants with the knowledge required to stay updated in an ever-evolving technological landscape.

**To reach grassroots levels:** By conducting classes in various districts in Kerala & other States of India, the program aims to reach communities at the grassroots level, ensuring that even remote areas have access to computer science education and emerging trends in technology.

**To encourage participation:** The program strives to encourage participation from local communities and diverse groups, fostering an inclusive learning environment.

**To gather feedback and improve:** The program aims to gather feedback from participants and continuously improve the sessions based on the received appreciation and suggestions.

**To collaborate with local government bodies:** The program aims to collaborate with local government representatives to gain support and encouragement, thereby enhancing its reach and impact.

**Offer Free Sessions on Computer Literacy:** The program seeks to eliminate barriers to learning by providing exclusive free offline&online sessions on computer literacy, ensuring that financial constraints do not hinder participation.

**Level of activity (College/Regional / National / International) and target audience**

NATIONAL LEVEL

Students, Self help groups like Kudumbasree, women, Youth, individuals from different backgrounds, tribes, and the general public.

**Expected outcome - academic / social / commercial**

ACADEMIC, SOCIAL, NATIONAL INTEGRATION, EXTENTION  
ACTIVITY, WOMEN EMPOWERMENT

--

### Program details

Date	Time	Activity	Venue	Infrastructural requirements and availability
18.11.2023 19.11.2023 20.11.2023	9:30am to 4:30pm	Three days workshop on national level digital & AI awareness program conducted for self help group, Sullamussalam kudumbasree, Kottayam	Thaliyilkotta, Thazhathangady	Venue, Laptop

### Resource Person Details:

Name	Designation	Organization	Area of Expertise
Dr. Benazir K K	HoD & Associate Professor	KMEA Engg. College	Digital Literacy AI & its emerging trends

### Profile of collaborating/participating Industry/s or professional body or other organization/s, if any. Yes. AI FOUNDATION TRUST INDIA.

Name	Address	Website	Contact person, designation, email	Roles in collaborating/participating	Financial commitment# in Rs.
KMEA Engg. College	KMEA Engg. College	<a href="http://www.kmeacollege.ac.in/">www.kmeacollege.ac.in/</a>	Dr Benazir KK Associate Professor bkk.cs@kmeacollege.ac.in	Programme Coordinator	Nil

### Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	NA	NA
Stationery, printing,				



Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>				

**Details of Coordinator**

	Coordinator 1
Name	Dr Benazir KK
Exact designation	Associate Professor
Department	Computer Science & Engg., KMEA
Cell number	9447660880
Email	bkk.cs@kmeacollege.ac.in
Signature	

**Report of the Event:**

Three days Hands on workshop for self help group of Kudumbasree ladies . The Nation Level programme organized by the department of Computer Science & Engineering , KMEA Engineering College was inaugurated by Smt Suhra Shaji,ADS ,Ward 48 Kottayam Municipality on 18/11/2023, at Thaliyilkotta,Thazhathangady,Kottayam . Representatives from Local Government self help groups were attended. The three days awareness programme was conducted for the Kudumbasree unit ladies ,students & home makers. Smt Sauda Kabeer, Secretary, Sullamussalam Kudumbasree delivered welcome speech. Smt Sheena Shams,President, Sullamussalam Kudumbasree delivered vote of thanks. The session included the following topics for the specific target groups.

- Security of mobile phones, laptops, and other electronic devices, bank transactions,social media-Threats &precautions to be taken.
- How to use apps from the Govt. of Kerala for citizen benefits
- Digital banking apps and their security, do's and don'ts of digital banking
- Social media etiquette
- Safety of email accounts, FB and other social media accounts

Introduction to Artificial Intelligence, It's history, Types of AI, Pros &Cons of AI, Applications of AI, Social relevance & benefits of AI.

The entire programme received very good feedback from the participants. They expressed their willingness to cooperate with similar upcoming programmes of KMEA Engineering College.

**HOD**

**PRINCIPAL**



# KMEA ENGINEERING COLLEGE

Edathala P.O. Ernakulam - 683501

NAAC Accredited Institute | Approved by AICTE | Affiliated to KTU



## Department of Computer Science and Engineering

*Celebrating India's 76<sup>th</sup> Independence*  
"NATIONAL LEVEL SERIES OF AWARENESS  
PROGRAMME ON DIGITAL LITERACY, AI & IT'S  
EMERGING TRENDS"

"NATION FIRST  
ALWAYS FIRST"

Venue: Sullamussalam Kudumbasree, Kottayam  
( Ward 48)

Three Day Hands On Awareness Programme  
November 18,19,20 2023

**Resource Person : Dr. Benazir K K**

(HoD Computer Science and Engineering KMEA Engineering College)



Free Online and Offline Sessions



**AIR RANKING**  
**64**  
NBA, Govt. of India



**INSTITUTION'S  
INNOVATION  
COUNCIL**  
MEMBER OF THE INNOVATION COUNCIL



**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. BENAZIR K K

**Type of Activity:**

SEMINAR

**Title of Activity:**

CATALYST FOR STARTUP CAREERS

**Objectives:**

- To improve students' technical skills in areas relevant to their branch of study.
- To develop students' soft skills, such as communication, teamwork, and problem-solving.
- To enhance students' aptitude and logical reasoning skills.
- To help students develop a strong understanding of their strengths, weaknesses, opportunities, and threats (SWOT analysis).

**Level of activity (College/Regional / National / International) and target audience**

COLLEGE LEVEL  
  
Students

**Expected outcome - academic / social / commercial**

ACADEMIC & COMMERCIAL

**Program details:**

Date	Time	Activity	Venue	Infrastructural requirements and availability
27.02.2024	9.30 am	Catalyst for Startup Careers	Conference Hall	Smart Board

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
Mr. Aravind Nair	Principal product manager	Microsoft Corporation	

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Addresses	Website	Contact person, designation, email	Roles in collaborating/ Participating	Financial commitment in Rs.
					Nil

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	NA	Request given to AI Foundation India
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>				

**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Dr Sheena Kurian	Mrs. Vidya Hari

Exact designation	Associate Professor	Assistant Professor
Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number	9746798804	9447625552
Email	<a href="mailto:skn.cs@kmeacollege.ac.in">skn.cs@kmeacollege.ac.in</a>	<a href="mailto:vdh.it@kmeacollege.ac.in">vdh.it@kmeacollege.ac.in</a>
Signature		

**Report of the Event:**

The program aimed to empower students with the necessary skills and knowledge to excel. Through this program, students' technical skills in areas relevant to their branch of study were significantly improved, making them more competitive in the job market. Additionally, the program focused on developing essential soft skills such as communication, teamwork, and problem-solving, which are highly valued by employers.

A key aspect of the program was helping students develop a strong understanding of their strengths, weaknesses, opportunities, and threats (SWOT analysis), enabling them to make informed career decisions and present themselves more effectively to potential employers. Overall, the campus placement training program was a comprehensive initiative to prepare students for success in their future careers.

**HOD**

**PRINCIPAL**



C.H. MOHAMMED KOYA  
**KMEA Engineering College**  
 Approved By AICTE  
 Accredited By NAAC & NBA (ME, CE, EEE, EC, CSE)



Department of computer science and engineering

# CATALYST FOR STARTUP CAREERS

Transform your dreams into career! Enroll in the placement training program now



**MR. ARAVIND NAIR**

Principal product manager at Microsoft corporation



**TUESDAY**  
**27/02/2024**



**TIME**  
**9 30 pm**



**CONFERENCE HALL**



**64**  
 RANKING  
 BY E. Govt. of India









Ernakulam, Kerala, India

393J+M2X, Mochamkulam, Kuzhivelippady, Kerala 682021, India

Lat 10.054266°

Long 76.380021°

27/02/24 09:50 AM GMT +05:30

Google

GPS Map Camera



Feb 27, 2024 3:54:01 PM  
Kuzhivelippady  
Ernakulam  
Kerala



GPS Map Camera

Ernakulam, Kerala, India  
393J+M2X, Mochamkulam, Kuzhivelippady, Kerala 682021, India  
Lat 10.05418°  
Long 76.380005°  
27/02/24 09:50 AM GMT +05:30



**INTERNAL QUALITY ASSURANCE CELL**  
**SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL**  
**ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. BENA ZIR K K

**Type of Activity:**

**HACKATHON**

**Title of Activity:**

**Hac'K\_24**

**Objectives:**

- Foster innovation, creativity, and problem-solving skills among participants
- Provide a platform for students to collaborate, design, and develop innovative software solutions
- Encourage effective communication, idea sharing, and teamwork among group members
- Develop critical thinking and unique problem-solving approaches
- Create functional and impactful projects that address real-world challenges
- Learn from industry experts and receive mentorship
- Gain exposure to cutting-edge technologies and trends in software development

**Level of activity (College/Regional / National / International) and target audience**

COLLEGE LEVEL  
  
Students

**Expected outcome - academic / social / commercial**

ACADEMIC & COMMERCIAL

**Program details:**

Date	Time	Activity	Venue	Infrastructural requirements and availability
11.05.2024 & 12.05.2024	8.00 am (11.05.2024) – 11 am (12.05.2024)	Hackathon	KMEA Engg College	Laptops

**Organizer Details:**

Name	Designation	Organization	Area of Expertise
Dept. Of CSE		KMEA Engg College	Medtech, Edutech, Agrotech, Open Innovation

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Address	Website	Contact person, designation, email	Roles in collaborating/ Participating	Financial commitment Rs.
					Nil

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	NA	Request given to AI Foundation India
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>				

**Details of Coordinators**

	Coordinator 1	Coordinator 2
--	---------------	---------------

Name	Ms. Vidhya Hari	Dr. Benazir K K
Exact designation	Assistant Professor	Associate Professor
Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number	9447625552	9447660880
Email	vdh.it@kmeacollege.ac.in	<a href="mailto:bkk.cs@kmeacollege.ac.in">bkk.cs@kmeacollege.ac.in</a>
Signature		

**Report of the Event:**

The 24-hour software-based hackathon aims to achieve several key objectives. These include fostering innovation, creativity, and problem-solving skills among participants, and providing a platform for students to collaborate and develop innovative software solutions. The event encourages effective communication, idea sharing, and teamwork among group members, while also promoting critical thinking and unique problem-solving approaches. By working on functional and impactful projects, participants address real-world challenges and gain valuable experience. Additionally, the hackathon offers opportunities to learn from industry experts, receive mentorship, and gain exposure to cutting-edge technologies and trends in software development.

HOD

PRINCIPAL



## TIMELINE

Registration Begins	24th April (10 PM)
Registration Closes	8th May (5 PM)
Short listing	8th May (12 PM)
Team Selection (Shortlisting/RSVP)	9th May
Hackathon Begins (Opening Ceremony)	11th May (8 AM)
Hackathon Concludes	12th May (11 AM)
Results	12th May (12PM)

**HACK\_24**  
**HACK\_24**

**Hac'K\_24**, The race begins.. We brings the best ever 24hrs software based Hackathon. Organizing by **Department of Computer Science and Engineering** KMEA Engineering College.

**Reg fee : ₹0**

CONDUCTING ON:  
**MAY**  
**11TH & 12TH**

Venue: KMEA Engineering College





DEPARTMENT OF  
COMPUTER SCIENCE  
AND ENGINEERING



# HCK 24

24 HOURS HACKATHON

EXPERIENCE THE FUTURE OF INNOVATION

Unleash Your Creativity: 24 Hours of Round-the-Clock  
Innovation, Collaboration, and Limitless Potential!

prize pool  
**35K**

VENUE

Academic Block,  
KMEA ENGINEERING COLLEGE,  
ERNAKULAM

MAY  
11-12

contact:  
7736148610  
8589062939

2024

FREE HACKATHON











## **INTERNAL QUALITY ASSURANCE CELL SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. BENAZIR K K

**Type of Activity:**

**NATION WIDE EXTENSION ACTIVITY**

**Title of Activity:**

**Department of Computer Science & Engineering Celebrating India's 76th Independence by Conducting a Series of National Level Awareness programme on Digital Literacy, AI & it's Emerging Trends**

**Objectives:**

**To enlighten the theme of 76th celebration of India's Independence :** To make an insight into the theme of 76 th Independence of India “NATION FIRST ALWAYS FIRST”. It mainly focus to the IT professional students to remind their prime duties & responsibilities, to our Mother land and also to those Public who belong to non-technical background.

**Promote National-Level Digital Literacy:** The program seeks to promote digital literacy at a national level, enabling individuals to effectively utilize digital tools and technologies in their personal and professional lives. The program seeks to provide computer literacy to individuals from different backgrounds, including students, self-help groups, youth, tribes, and the general public.

**Empower Recent Advancements in digital world:** By providing insights into recent advancements in AI, the program intends to empower participants with the knowledge required to stay updated in an ever-evolving technological landscape.

**To reach grassroots levels:** By conducting classes in various districts in Kerala & other States of India, the program aims to reach communities at the grassroots level, ensuring that even remote areas have access to computer science education and emerging trends in technology.

**To encourage participation:** The program strives to encourage participation from local communities and diverse groups, fostering an inclusive learning environment.

**To gather feedback and improve:** The program aims to gather feedback from participants and continuously improve the sessions based on the received appreciation and suggestions.

**To collaborate with local government bodies:** The program aims to collaborate with local government representatives to gain support and encouragement, thereby enhancing its reach and impact.

**Offer Free Sessions on Computer Literacy:** The program seeks to eliminate barriers to learning by providing exclusive free offline & online sessions on computer literacy, ensuring that financial constraints do not hinder participation.

**Level of activity (College/Regional / National / International) and target audience**

NATIONAL LEVEL

Students, Self help groups like Kudumbasree, women, Youth, individuals from different backgrounds, tribes, and the general public.

**Expected outcome - academic / social / commercial**

ACADEMIC, SOCIAL, NATIONAL INTEGRATION

### Program details

Date	Time	Activity	Venue	Infrastructural requirements and availability
29.08.2024 & 30.08.2024	10:00 am	The seventh session Awareness program conducted	Al-Manar HSS Edathala	Venue, LCD Projector, Laptop

### Resource Person Details:

Name	Designation	Organization	Area of Expertise
Dr.Benazir K K	HoD&Associate Professor	KMEA Engg. College	Digital Literacy AI & it's emerging trends

### Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.

Name	Address	Website	Contact person, designation, email	Roles in collaborating/participating	Financial commitment# in Rs.
KMEA Engg. College	KMEA Engg. College	<a href="http://www.kmeacollege.ac.in/">www.kmeacollege.ac.in/</a>	Dr Benazir KK Associate Professor bkk.cs@kmeacollege.ac.in	Programme Coordinator	Nil

### Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	NA	Request given to AI

				Foundation India
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row				
<b>Total</b>				

### Details of Coordinators

	Coordinator 1
Name	Dr Benazir KK
Exact designation	Associate Professor
Department	Computer Science & Engg., KMEA
Cell number	9447660880
Email	bkk.cs@kmeacollege.ac.in
Signature	

### Report of the Event:

The Seventh Session Nation Level programme organized by the department of Computer Science & Engineering, KMEA Engineering College was inaugurated by Principal, Al-Manar HSS, on 29/08/2024 and 30/08/2024, at Al-Manar Higher Secondary School, Edathala. Representatives from different classes, higher secondary students & teachers were also present. The session included the following topics for the specific target groups.

- Security of mobile phones, laptops, and other electronic devices.
- How to use apps from the Govt. of Kerala for citizen benefits
- Digital banking apps and their security, do's and don'ts of digital banking
- Social media etiquette
- Safety of email accounts, FB and other social media accounts

Introduction to Artificial Intelligence, It's history, Types of AI, Pros & Cons of AI, Applications of AI, Social relevance & benefits of AI.

The entire programme received very good feedback from the participants. They expressed their willingness to cooperate with similar upcoming programmes of KMEA Engineering College.



C.H. MOHAMMED KOYA  
**KMEA ENGINEERING CO**

**INTERNAL QUALITY ASSURANCE CELL**



<b>Name of the club/Department</b>	ELECTRONICS AND COMMUNICATION
<b>Staff in charge</b>	AMRUTHA P R

**Type of Activity:**  
Hands-on-session

**Title of Activity:**  
Project Expo

**Objective:**  
To familiarize first semester students about the project concepts of final year students.

**Level of activity (College/Regional / National / International) and target audience**  
College level

**Expected outcome - academic / social / commercial**

- commercial

**Program details**

<b>Date</b>	<b>Time</b>	<b>Activity</b>	<b>Venue</b>
09/08/2024	3 PM-4.30 PM	Workshop	Project lab

**Resource Person Details :**

<b>Date</b>	<b>Name</b>	<b>Designation</b>	<b>Remuneration</b>
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09/08/2024	Seventh semester students		
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## **REPORT**

The Workshop was conducted at 3 pm on 09/08/2024 by the Electronics & Communication Engineering Department. The session was handled by seventh semester students EC department. The first semester students of EC department were the audience. 20 students actively participated in the session. The session includes the projects of final year students and its working. The expo was truly a motivational session for newly joined students.

Add Poster and photos.





C.H. MOHAMMED KOYA  
**KMEA ENGINEERING COLLEGE**  
ESTD - 1997 APPROVED BY AICTE AFFILIATED TO KTU  
Accredited by NAAC & NBA (ME,CE,EEE,EC,CSE)

# PROJECT EXPO



**ELECTRONICS AND COMMUNICATION  
DEPARTMENT**



**Project and Simulation Lab**

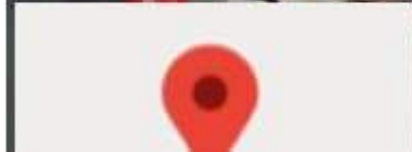


**August 9th , 2024**



**3:00 PM - 4:30 PM**





null, Kerala, India  
393H+8QQ, Mochamkulam, Kuzhivelippady,







## INTERNAL QUALITY ASSURANCE CELL

### SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL ACTIVITIES

<b>Name of the Department</b>	<b>Department of Electrical &amp; Electronics Engineering</b>
<b>Name of the Head of the Department</b>	Dr. Reena Sebastian

**Type of Activity:**  
**Five Day WORKSHOP**

---

**Title of Activity :**  
**Five Day Workshop on JAVA for Innovators: Empowering your startup journey**

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**Objective :**

Add rows as required

The primary objective of the workshop was to equip participants with the skills and knowledge necessary to effectively utilize Java in building robust and scalable applications. The workshop aimed to empower entrepreneurs by providing them with the technical expertise needed to turn their innovative ideas into reality.

Add rows as req

**Level of activity ( College/Regional / National / International ) and target audience**

College

---

### Expected outcome - academic / social / commercial

1. Understand and articulate the basic principles of software architecture.
2. Identify different architectural styles (Monolithic, Microservices, Layered, Event-Driven) and their use cases.
3. Participants will gain a solid understanding of Java programming, including both fundamental concepts and advanced topics relevant to their startup needs. They should be able to write efficient, maintainable, and scalable Java code.
4. Participants will build connections with other innovators, mentors, and industry experts, fostering a community of practice that can provide support, advice, and potential partnerships..
5. Design and develop Java applications that effectively use OOP principles.
6. By learning best practices, tools, and frameworks, attendees will improve their development workflows, resulting in faster and more efficient project execution.

### Programme Details

Date	Time	Activity	Venue	Infrastructural requirements and availability
18/03/2024-22/03/2024	9:30am to 12:30 pm	Talk session	Programming lab	ARCHON Solutions
	1:30am to 4:30 pm	Practical session		

### Resource Person Details :

Name	Designation	Organization	Area of Expertise
Ms.Arathi & Ms.Veena	Software Developer s	ARCHON Solutions	JAVA,PYTHON

### Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person ,	Roles in	Financial
------	---------	---------	------------------	----------	-----------

			designation, email	collaborating/participating	commitment <sup>#</sup> in Rs.
NA					-----

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	1300 per student		--	
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>	79300			

### Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Raji T R	Neenu B
Exact designation	Assistant Professor	Assistant Professor
Department	EEE	EEE
Cell number	6282174446	9567479101
Email	rtr.ee@kmeacollege.ac.in	nub.ee@kmeacollege.ac.in
Signature		

### Report of the Event:

Archon Solutions conducted a comprehensive five-day workshop on Java Mastery, covering fundamental and advanced topics essential for proficient Java programming and full-stack development from 18-03-2024 to 22-03-2024 in programming lab. The workshop was structured to provide both theoretical knowledge and practical experience, with two expert faculty members leading the sessions. The workshop was divided into two main sessions each day: **Forenoon Session (Theory):** Led by one faculty member focusing on theoretical concepts. **Afternoon Session (Practical):** The workshop concluded with a feedback session, where participants shared their experiences and takeaways. Many highlighted the practical approach of the workshop, noting that the hands-on sessions and expert guidance were

particularly beneficial. Participants expressed increased confidence in their ability to use Java to develop their startup ideas and appreciated the opportunity to connect with peers and mentors.

Overall, the workshop was a resounding success, achieving its goal of empowering innovators with the technical skills and knowledge necessary to advance their startup journeys. The organizers hope that the participants will continue to build on what they learned and bring their innovative ideas to life using Java.

**\*NB: Attach the following documents:**

1. **Registration Form - Sample**
2. **List of participants(attendance sheet with Signature)**
3. **2 Event photo (Covering Resource Person& Screen, Audience) with Date**
4. **Poster/ Brochure**
5. **Certificate - Sample**
6. **Feedback Form - Sample**
7. **Collected feedback ( Should keep it in Department and produce whenever instructed)**
8. **2 Minutes Video (Should keep it in Department and produce whenever instructed)**

**HOD**

**PRINCIPAL**





C.H. MOHAMMED KOYA  
**KMEA ENGINEERING COLLEGE**  
APPROVED BY AICTE AFFILIATED TO KTU

**INTERNAL QUALITY ASSURANCE CELL  
SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL  
ACTIVITIES**

<b>Name of the Department</b>	ELECTRONICS AND COMMUNICATION ENGINEERING
<b>Name of the Head of the Department</b>	Dr. SHAHIN M ABDULLA

**Type of Activity:**

**WORKSHOP**

**Title of Activity:**

"EMBEDDED SYSTEM WITH PCB DESIGN"

Add rows as required

**Objective:**

To familiarize sixth semester students on the EMBEDDED SYSTEM WITH PCB DESIGN with projects.

Add rows as required

**Level of activity (College/Regional / National / International) and target audience**

College Level, Sixth Semester ECE Students

Add rows as required

**Project Impact -Expected outcome - academic / social / commercial**

Students became aware of the PCB designing projects.

Add rows as required

**Programme details**

Date	Time	Activity	Venue	Infrastructural requirements and availability
26/02/2024-1/3/2024	10 am – 4.30 pm	Workshop	Systems Lab, ECE	Desktop Computers, Arduino Board, Bluetooth module etc.)

Add rows as required

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
Sinro robotics Pvt Ltd		Dept. of ECE, KMEA Engineering College	ARDUINO PROGRAMMING AND PCB DESIGNING

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	nil			
Stationery, printing,	na			
Travel, Stay and DA	na			
Other (please write each heading in each row	na			

<b>Total</b>	nil			
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Add rows as required.  
Max assistance 3 Lakhs

**Details of Coordinators**

	Coordinator
Name	AMRUTHA P R
Exact designation	Assistant Professor
Department	Electronics & Communication Engineering
Cell number	9562892155
Email	apr.ec@kmeacollege.ac.in
Signature	

**Report of the Event: ( Minimum 500 Words )**

The Workshop was conducted at 10 am to 4.30 pm on 26/02/2024 to 1/3/24 by the Electronics & Communication Engineering Department. The session was coordinated and conducted by Ms. AMRUTHA P R (Assistant Professor) of Electronics & Communication Engineering Department. The sixth semester students of EC department were the audience. 31 students actively participated in the session. The resource person gave clear insight into the fundamentals of Arduino and its programming. The session included projects of arduino fundamentals and PCB design.

**HOD**

**PRINCIPAL**



C.H.MOHAMMED KOYA  
**KMEA ENGINEERING COLLEGE**  
Approved by AICTE Affiliated to APJ Abdul Kalam Technological University  
EDATHALA PO, COCHIN, KERALA, INDIA 683561



# Department of Electronics and Communication Engineering

Presents

## Add on course on Embedded system with PCB design

By

**Sinro Robotics pvt Ltd**

26 February - 1 March 2024

**VENUE : SYSTEMS LAB      TIME :10AM TO 4.30PM**









C. H. MOHAMMED KOYA  
**KMEA ENGINEERING COLLEGE**  
APPROVED BY AICTE AFFILIATED TO KTU

**INTERNAL QUALITY ASSURANCE CELL  
SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER  
TECHNICAL ACTIVITIES**

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. REKHA LAKSHMANAN

**Type of Activity:**

**NATION WIDE EXTENSION ACTIVITY**

**Title of Activity:**

**Department of Computer Science & Engineering Celebrating India's 76th Independence by Conducting a Series of National Level Awareness programme on Digital Literacy, AI & it's Emerging Trends**

**Objectives:**

**To enlighten the theme of 76th celebration of India's Independence :** To make an insight into the theme of 76 th Independence of India “NATION FIRST ALWAYS FIRST”. It mainly focus to the IT professional students to remind their prime duties & responsibilities, to our Mother land and also to those Public who belong to non-technical background.

**Promote National-Level Digital Literacy:** The program seeks to promote digital literacy at a national level, enabling individuals to effectively utilize digital tools and technologies in their personal and professional lives. The program seeks to provide computer literacy to individuals from different backgrounds, including students, self-help groups, youth, tribes, and the general public.

**Empower Recent Advancements in digital world:** By providing insights into recent advancements in AI, the program intends to empower participants with the knowledge required to stay updated in an ever-evolving technological landscape.

**To reach grassroots levels:** By conducting classes in various districts in Kerala & other States of India, the program aims to reach communities at the grassroots level, ensuring that even remote areas have access to computer science education and emerging trends in technology.

**To encourage participation:** The program strives to encourage participation from local communities and diverse groups, fostering an inclusive learning environment.

**To gather feedback and improve:** The program aims to gather feedback from participants and continuously improve the sessions based on the received appreciation and suggestions.

**To collaborate with local government bodies:** The program aims to collaborate with local government representatives to gain support and encouragement, thereby enhancing its reach and impact.

**Offer Free Sessions on Computer Literacy:** The program seeks to eliminate barriers to learning by providing exclusive free offline & online sessions on computer literacy, ensuring that financial constraints do not hinder participation.

**Level of activity (College/Regional / National / International) and target audience**

NATIONAL LEVEL

Students, Self help groups like Kudumbasree, women, Youth, individuals from different backgrounds, tribes, and the general public.

**Expected outcome - academic / social / commercial**

ACADEMIC, SOCIAL, NATIONAL INTEGRATION



## Program details

Date	Time	Activity	Venue	Infrastructural requirements and availability
12.09.2023	10:00 am	The fourth session Awareness program conducted for Higher secondary school students nearby KMEA institutions	KMEA ALMANAR HSS ,Kuzhivelippadi,Edathala	Venue, LCD Projector, Laptop

## Resource Person Details:

Name	Designation	Organization	Area of Expertise
Miss Afla Nazrin	Student,S5 Btech,Computer Science & Engineering	KMEA Engg. College	Digital Literacy AI & it's emerging trends

## Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.

Name	Address	Website	Contact person, designation, email	Roles in collaborating/participating	Financial commitment# in Rs.
KMEA Engg. College	KMEA Engg. College,	<a href="http://www.kmeacollege.ac.in/">www.kmeacollege.ac.in/</a>	Dr Benazir KK Associate Professor bkk.cs@kmeacollege.ac.in	Programme Coordinator	Nil

## Budget Estimates

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Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	NA	Request given to AI Foundation India
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>				

### Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Dr Benazir KK	Mrs. Shyni Shajahan
Exact designation	Associate Professor	Assistant Professor
Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number	9447660880	8848273401
Email	bkk.cs@kmeacollege.ac.in	
Signature		

### Report of the Event:

Day 4. The fourth session Nation Level programme organized by the department of Computer Science & Engineering , KMEA Engineering College was inaugurated by Mrs Ambily Principal, Al Manar HSS, on 12/09/2023, at Conference Hall KMEA Engineering College . Representatives from different classes, higher secondary students & teachers were also present. The day 4 awareness programme was conducted for the nearby HSS school students ,teachers & non teaching staff. Smt Selin M ,HOD, Computer Science & Engineering delivered welcome speech. Smt Liji Jose ,Assistant Professor , delivered vote of thanks. The session included the following topics for the specific target groups.

- Security of mobile phones, laptops, and other electronic devices.
- How to use apps from the Govt. of Kerala for citizen benefits
- Digital banking apps and their security, do's and don'ts of digital banking
- Social media etiquette

- Safety of email accounts, FB and other social media accounts

Introduction to Artificial Intelligence, It's history, Types of AI, Pros & Cons of AI, Applications of AI, Social relevance & benefits of AI.

The entire programme received very good feedback from the participants. They expressed their willingness to cooperate with similar upcoming programmes of KMEA Engineering College.

**HOD**

**PRINCIPAL**



# KMEA ENGINEERING COLLEGE

Edathala P.O, Ernakulam - 683561

NAAC Accredited Institute | Approved by AICTE | Affiliated to KTU



## Department of Computer Science and Engineering

*Celebrating India's 76<sup>th</sup> Independence*

### "NATIONAL LEVEL SERIES OF AWARENESS PROGRAMME ON DIGITAL LITERACY, AI & IT'S EMERGING TRENDS"

**"NATION FIRST ALWAYS FIRST"**

Venue: KMEA AL-MANAR Higher Secondary School

12<sup>th</sup> Sept 2023

@ 10:00 AM

**Speaker : Miss.Afla Nazrin (S5, BTech)**



**AI FOUNDATION TRUST**

TOWARDS EXCELLENCE AND INNOVATION



Free Online and Offline Sessions



**INSTITUTION'S INNOVATION COUNCIL**  
(Ministry of Education, Government of India)





EDULLAHAJI AHAMED SAIT  
KHA IL-MANR HIGHER SECOND

GPS Map Camera

Ernakulam, Kerala, India  
302J+PF2, Edappally - Pukkattupady Rd, opp. to Salafi Juma Masjid,  
Mochamkulam, Kuzhivelppady, Kerala 682021, India  
Lat 10.052011°  
Long 76.380916°  
12/09/23 10:06 AM GMT +05:30

Google



C.H. MOHAMMED KOYA

**KMEA ENGINEERING COLLEGE**

APPROVED BY AICTE

AFFILIATED TO KTU



EVENT: Expert talk on Process of Innovation  
Development, TRL

### Event Details

Date	Time	Mode
16/01/2024	9:30 AM	offline

### Faculty in charge

Name	Designation
<b>Dr Sangeetha C P</b>	<b>IIC coordinator</b>

## **Objective:**

This session ensures a comprehensive understanding of product development and technology readiness level.

## **Report of the event:**

A session on Process of Innovation development and Technology readiness level was organized by IIC KMEA on 16 January 2024 at 9.30AM. The eminent speaker was Mr Christin T Joseph. He is a highly qualified professional, holds a BTech in Mechatronics Engineering and an MTech in Machine Design from Anna University. Additionally, he is a Chartered Engineer recognized by the Institution of Engineers India. Transitioning to industry, he served as a Technical Advisor at Vismaya Amusement Park in Kannur, demonstrating his broad expertise. Later, as the Technical Director at R&D BlackBear Automations Pvt Ltd in Coimbatore, Christin spearheaded the development of over 250 industrial projects across various sectors in India. He shared his experience in product development like cow dung machine, sorting machines etc. The session ended up at 12.30PM with a vote of thanks by DR Sangeetha C P. 31 faculty from various departments participated in the event.





C. H. MOHAMMED KOYA

**KMEA ENGINEERING COLLEGE**  
Approved by AICTE Affiliated to MG University & KTU



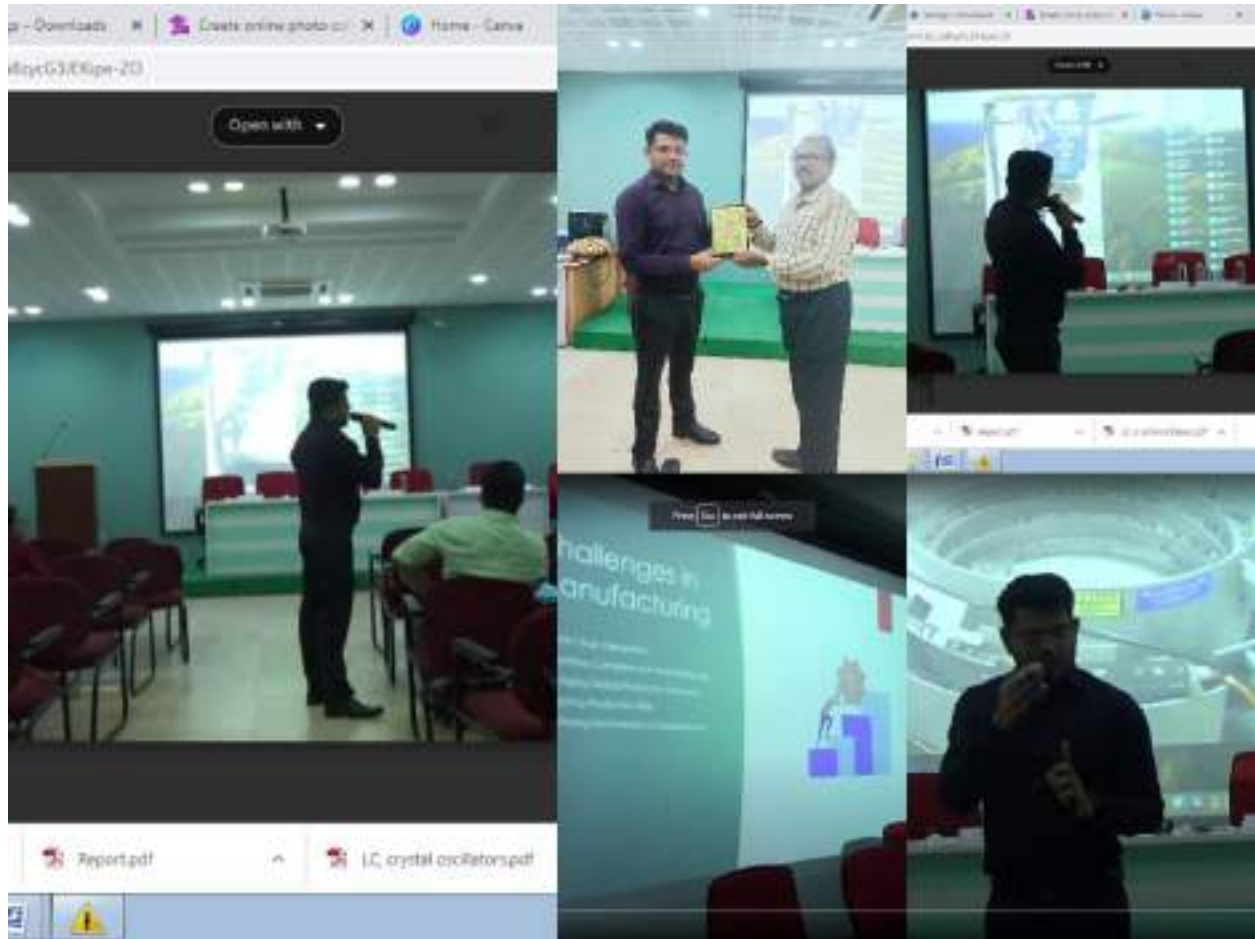
**Talk on Process of Innovation Development,  
Technology Readiness level(TRL)**



**16 JANUARY 2024  
10AM TO 9.30 AM  
CONFERENCE HALL**



**MR. CHRISTIN T JOSEPH**  
CO-FOUNDER & DIRECTOR  
BLACKBEAR AUTOMATIONS PVT LTD





C.H. MOHAMMED KOYA

**KMEA ENGINEERING COLLEGE**

APPROVED BY AICTE

AFFILIATED TO KTU

### INTERNAL QUALITY ASSURANCE CELL



<b>Name of the club/Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Staff in charge</b>	Mrs.LIJA JOY

**Type of Activity:**

Hands-on-session

**Title of Activity:**

Industrial visit

**Objective:**

The visit aims to provide insight into the tea cultivation and manufacturing process, including production techniques and quality control measures. Students will learn about the history and evolution of the tea industry in Munnar, as well as the various tea varieties produced in the region. The visit will also provide opportunities for interaction with industry professionals, skill development, and exploration of potential career opportunities in the tea industry.

**Level of activity (College/Regional / National / International) and target audience** College level

**Expected outcome - academic / social / commercial**

- commercial

**Program details**

Date	Time	Activity	Venue
04-05-2024	11 AM-2 PM	Industrial Visit	Munnar Ripple Tea Factory

**Resource Person Details :**

Date	Name	Designation	Remuneration
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**KMEA Engineering college**

**Department of Computer Science  
and Engineering**

# **INDUSTRIAL VISIT REPORT**

**At Ripple Tea Factory**

**On 04-05-2024**

## **INTRODUCTION**

The S2 students of the Computer Science department embarked on a comprehensive industrial visit and tour, aimed at bridging the gap between academia and industry. This report highlights the visit's objectives, outcomes, and experiences.

## **OBJECTIVE**

The objective of the industrial visit was to learn about quality control measures and standards in tea production and to observe and understand the application of technology in tea processing.

## **ABOUT ARCHON RIPPLE TEA FACTORY**

The factory is situated in the heart of Munnar, amidst lush green tea gardens. Ripple Tea Factory produces high-quality tea using traditional methods and modern technology.<sup>3</sup> The factory manufactures various tea varieties, including Black, Green, and White tea.

## **OUTCOMES**

During the visit, students engaged in interactive sessions with industry experts, gaining a deeper understanding of the practical applications of theoretical concepts. Key outcomes included:

- . Practical knowledge: Students gain hands-on experience and practical knowledge of tea production processes.
- . Understanding of operations: Visitors understand the day-to-day operations of a tea factory.
- .Insight into industry challenges: Students learn about the challenges faced by the tea industry, such as quality control and sustainability.

## **CONCLUSION**

The industrial visit to the tea factory was a valuable and enriching experience, providing us with a comprehensive understanding of the tea production process, from leaf selection to packaging. We gained practical knowledge, insight into industry challenges, and appreciation for the skill and effort involved in tea production. The visit reinforced theoretical concepts, developed our skills, and created awareness of career opportunities in the tea industry. We are grateful for the opportunity to interact with industry professionals and witness the fusion of tradition and technology in tea production. This visit has inspired us to pursue careers in the tea industry and has left a lasting impression on our minds.







C.H. MOHAMMED KOYA

**KMEA ENGINEERING COLLEGE**

APPROVED BY AICTE

AFFILIATED TO KTU

### INTERNAL QUALITY ASSURANCE CELL



<b>Name of the club/Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Staff in charge</b>	Mrs. MUNSHIDHA K K

**Type of Activity:**

Hands-on-session

**Title of Activity:**

Industrial visit

**Objective:**

The visit aims to provide insight into the tea cultivation and manufacturing process, including production techniques and quality control measures. Students will learn about the history and evolution of the tea industry in Munnar, as well as the various tea varieties produced in the region. The visit will also provide opportunities for interaction with industry professionals, skill development, and exploration of potential career opportunities in the tea industry.

**Level of activity (College/Regional / National / International) and target audience** College level

**Expected outcome - academic / social / commercial**

- commercial

**Program details**

Date	Time	Activity	Venue
04-05-2024	11 AM-2 PM	Industrial Visit	Munnar Ripple Tea Factory

**Resource Person Details :**

Date	Name	Designation	Remuneration
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**KMEA Engineering college**

**Department of Computer Science  
and Engineering**

# **INDUSTRIAL VISIT REPORT**

**At Ripple Tea Factory**

**On 04-05-2024**

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# IV REPORT

S2 CSE

— 04/05/24 —

AS A PART OF OUR B.TECH CURRICULUM OUR COLLEGE ORGANIZED AN INDUSTRIAL VISIT TO MUNNAR ON 04/05/24 WE DEPARTED FROM OUR COLLEGE AT 6:00AM.OUR FIRST AIM WAS TO VISIT MUNNAR TEA FACTORY.THE VISIT AIMED TO PROVIDE US WITH INSIGHTS INTO THE MANUFACTURING PROCESS OF TEA, FROM THE RAW LEAF STAGE TO THE FINAL PRODUCT.ALSO THE OBJECTIVE OF THE VISIT WAS TO UNDERSTAND THE INTRICACIES OF TEA PRODUCTION AND TO OBSERVE THE OPERATIONS OF A TEA MANUFACTURING UNIT IN ONE OF INDIA'S MOST FAMOUS TEA-GROWING REGIONS.WE REACHED TEA FACTORY AT. 10:AM. AFTER WE ENTERED INTO TEA FACTORY WE HAD A INTERACTION SESSION WITH THE FACTORY STAFF,THEY GIVE A OVER VIEW OF TEA MANUFACTURING PROCESS. WE SPENT ABOUT 3 TO 4 HOURS THERE.

AFTER THAT WE WENT TO MATTUPPETTY DAM & KUNDALA DAM.THE VISIT TO MATTUPPETTY DAM HIGHLIGHTED THE IMPORTANCE OF DAMS IN HYDROELECTRIC POWER GENERATION, WATER RESOURCE MANAGEMENT, AND THEIR CONTRIBUTION TO LOCAL DEVELOPMENT. THE INTEGRATION OF THESE FUNCTIONS WITHIN A SINGLE INFRASTRUCTURE PROJECT WAS PARTICULARLY ENLIGHTENING.

ON OUR VISIT TO KUNDALA DAM, WE EXPLORED ITS ENGINEERING FEATURES, OPERATIONAL FUNCTIONS, AND ITS IMPACT ON THE LOCAL ENVIRONMENT AND COMMUNITY. THE DAM, SITUATED IN MUNNAR, SERVES PRIMARILY FOR IRRIGATION AND WATER CONSERVATION, PLAYING A CRUCIAL ROLE IN SUPPORTING LOCAL AGRICULTURE AND REGULATING WATER LEVELS.

THE VISITS TO KUNDALA DAM AND MATTUPETTY DAM OFFERED VALUABLE INSIGHTS INTO THE ENGINEERING FEATS INVOLVED IN WATER RESOURCE MANAGEMENT AND HYDROELECTRIC POWER GENERATION. THESE STRUCTURES NOT ONLY PLAY A VITAL ROLE IN SUPPORTING THE LOCAL COMMUNITY'S WATER NEEDS AND AGRICULTURAL ACTIVITIES BUT ALSO CONTRIBUTE SIGNIFICANTLY TO SUSTAINABLE ENERGY PRODUCTION. OBSERVING THE DAMS IN PERSON HIGHLIGHTED THE IMPORTANCE OF INNOVATIVE ENGINEERING IN HARMONIZING INFRASTRUCTURE DEVELOPMENT WITH ENVIRONMENTAL CONSERVATION.

IN CONCLUSION, THIS INDUSTRIAL VISIT PROVIDED US WITH A COMPREHENSIVE VIEW OF HOW NATURAL RESOURCES ARE HARNESSSED AND MANAGED FOR ENERGY PRODUCTION AND HOW AGRICULTURAL PRODUCTS LIKE TEA ARE PROCESSED FOR CONSUMPTION. THE KNOWLEDGE AND EXPERIENCES GAINED DURING THIS VISIT WILL UNDOUBTEDLY ENRICH OUR ACADEMIC AND PROFESSIONAL ENDEAVORS, REINFORCING THE IMPORTANCE OF SUSTAINABLE PRACTICES IN BOTH ENGINEERING AND INDUSTRY.









C.H. MOHAMMED KOYA

**KMEA ENGINEERING COLLEGE**

APPROVED BY AICTE

AFFILIATED TO KTU

### INTERNAL QUALITY ASSURANCE CELL



<b>Name of the club/Department</b>	ELECTRONICS AND COMMUNICATION
<b>Staff in charge</b>	AMRUTHA P R

**Type of Activity:**

Hands-on-session

**Title of Activity:**

Familiarisation of SPICE

**Objective:**

To familiarize third semester students with LTSPICE.

**Level of activity (College/Regional / National / International) and target audience**

College level

**Expected outcome - academic / social / commercial**

- academic

**Program details**

Date	Time	Activity	Venue
19/10/2023	1.30pm-2.30pm	Hands on workshop	Systems lab

**Resource Person Details :**

Date	Name	Designation	Remuneration
------	------	-------------	--------------

19/10/2023	Ms.Shikha U S	Asst. Professor	Nil
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## **REPORT**

Add Poster and photos.

The hands-on session was conducted at 1.30 pm on 19/10/2023 by the Electronics & Communication Engineering Department. The session was coordinated and handled by Ms. Shikha U S (Assistant Professor) of Electronics & Communication Engineering Department. The fifth semester students of EC department were the audience. 31 students actively participated in the workshop. The resource person gave clear insight into the fundamentals of integrated circuit simulation. The session included the basic rectifier circuits and some network theory problems.



C.H.Mohammed Koya  
**KMEA Engineering College**

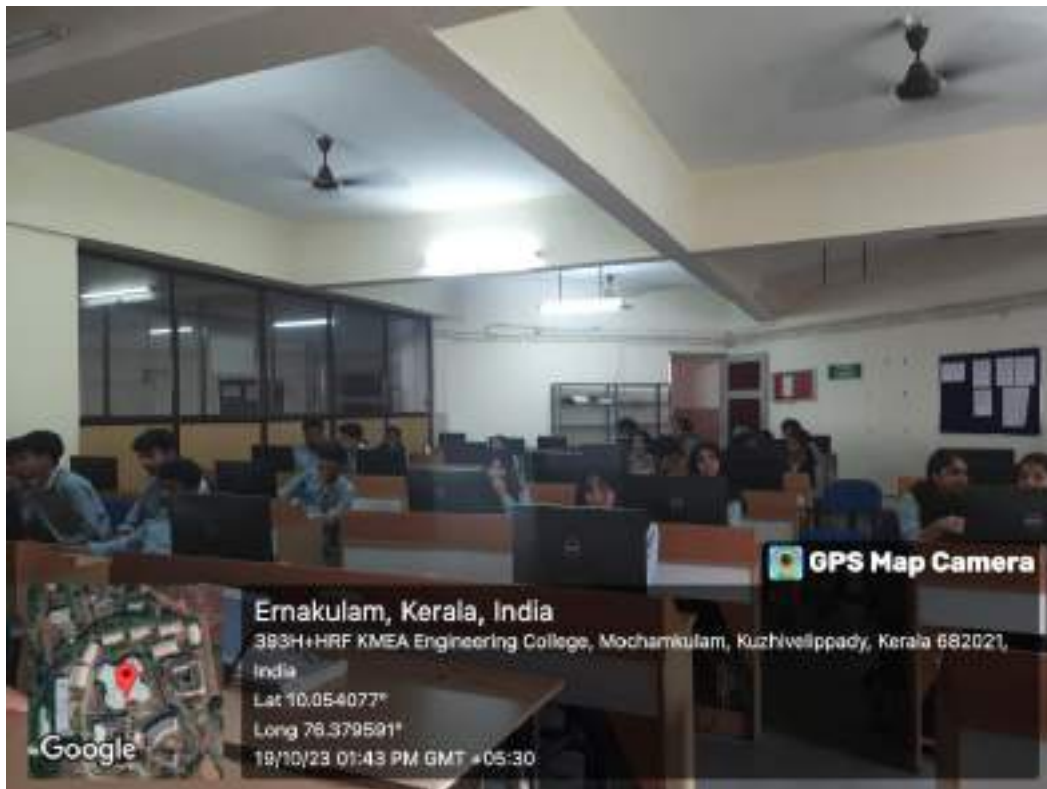
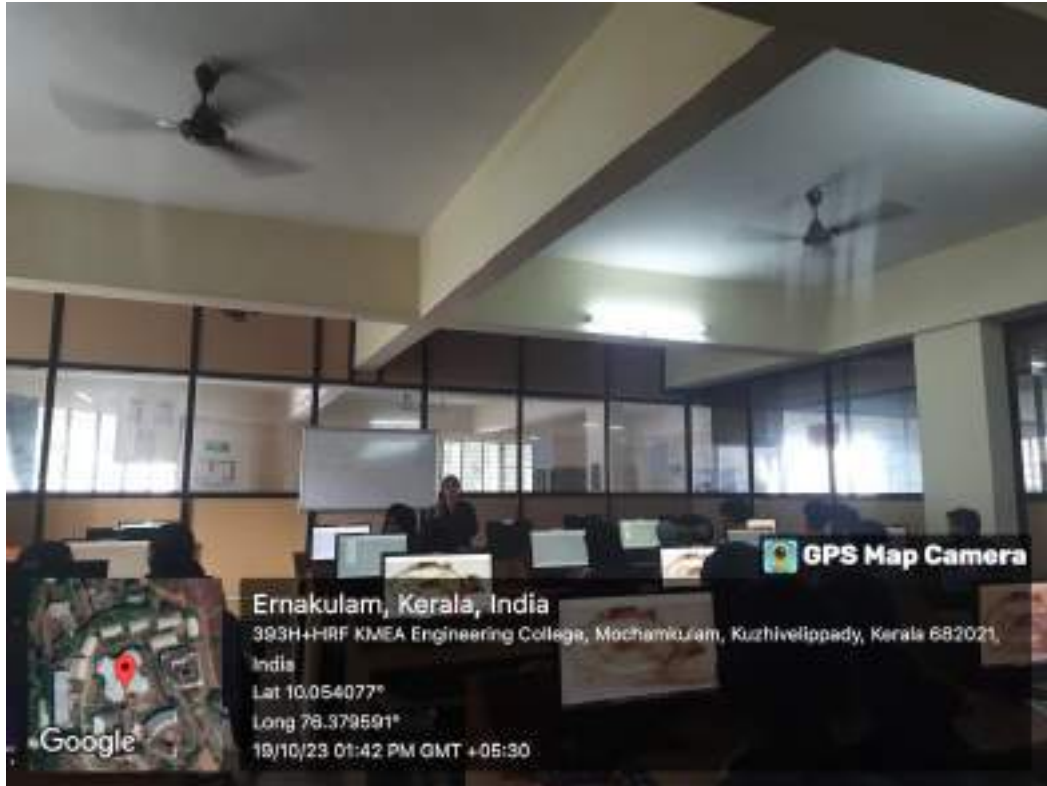
**DEPT. OF ELECTRONICS &  
COMMUNICATION ENGINEERING**

**HANDS-ON  
WORKSHOP ON**

**Familiarisation  
of SPICE**

**RESOURCE PERSON: SHIKHA U S  
ASSISTANT PROFESSOR, ECE, KMEA  
ENGINEERING COLLEGE  
OCT 19, 1:30 PM TO 2:30 PM  
VENUE: SYSTEMS LAB, ECE**









C.H. MOHAMMED KOYA

**KMEA ENGINEERING COLLEGE**

APPROVED BY AICTE

AFFILIATED TO KTU

**INTERNAL QUALITY ASSURANCE CELL**



<b>Name of the club/Department</b>	ELECTRONICS AND COMMUNICATION
<b>Staff in charge</b>	AMRUTHA P R

**Type of Activity:**

Hands-on-session

**Title of Activity:**

Industrial visit

**Objective:**

To familiarize seventh semester students with virtual reality

**Level of activity (College/Regional / National / International) and target audience**

College level

**Expected outcome - academic / social / commercial**

- commercial

**Program details**

Date	Time	Activity	Venue
12/07/2024	3 PM-5 PM	Industrial Visit	Tech maghi

**Resource Person Details :**

Date	Name	Designation	Remuneration
------	------	-------------	--------------

12/07/2024	Tech Maghi		3000
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**REPORT**

Add Poster and photos.

# INDUSTRIAL VISIT TO TECH MAGHI



JULY  
12



3 PM

S7 ECE



INSTITUTE  
OF INNOVATION  
AND CREATIVITY

(Ministry of Education)







**KMEA Engineering college**

**Department of electronics and  
communication engineering**

# **INDUSTRIAL VISIT REPORT**

At Tech maghi

On 12-07-2025

# Introduction

Our academic curriculum organized an industrial visit to Tech Maghi Company located within the KINFRA Industrial Park in Kalamasserry on the 20th of June, 2023. The factory visit offered our group of students valuable real-world insights into complex manufacturing operations and cutting-edge production technologies employed at a modern industrial facility.

## Objectives

The primary goals for touring Tech Maghi's manufacturing plant were multifold: to comprehensively observe their operational processes in action, to witness industrial technologies practically applied in an authentic workplace setting, to gain a deeper understanding of their quality control and production mechanisms ensuring consistency, and to explore both the difficulties and solutions inherent to managing an industrial manufacturing environment.

## About Tech maghi company...

Tech Maghi has cemented itself as a prominent manufacturer through leveraging innovative solutions. Their factory utilizes automated and digital systems to efficiently produce a wide array of precision components serving diverse industries. Adapting to evolving needs, Tech Maghi continuously improves processes to uphold global quality standards.

## Activities during the visit

The introduction outlined Tech Maghi's colorful history from humble beginnings to market dominance, with an optimistic vision for continued innovation. Students were invited to explore diverse divisions including production, quality assurance, and R&D through informative presentations and self-guided tours.

Upon arrival, a meticulous orientation emphasized safety protocols to protect curious minds amid complex machinery. Production's intricate orchestration of raw materials, robotics, and human synergy generating meticulously engineered products was awe-inspiring. Quality control's dedication to fastidious standards before distribution ensured reliability. Meanwhile, the research department's creative problem-solving fueled promising prospects that could transform technologies and lives.

Interacting with dedicated employees across functions cultivated appreciation for cooperation underlying Tech Maghi's success. Students left energized by innovative spirit and commitment to quality permeating the organization, keen to apply valuable lessons from this illuminating experience in their own pursuits of excellence.

## Learning outcomes

The visit to Tech Maghi Company was highly illuminating, imparting several thought-provoking learnings. We gained nuanced comprehension of how intricate industrial workflows seamlessly interconnect, achieving proficient output. The tour exhibited modernization's application, such as automated mechanisms, robotic assistants, and engineered interfaces streamlining manufacturing,

highlighting technology's transformation. Emphasis on flawlessness and consistency underscored maintaining exceptional standards in craftsmanship to satisfy clients. Tech Maghi's dedication to sustainable construction, lessening environmental impact, provided perspective on industries adapting to ecological crises through diligence and innovation.

## Conclusion

The industrial visit to Tech Maghi Company was a valuable experience that provided a real-world perspective on the functioning of a modern manufacturing facility. The knowledge gained from this visit will be instrumental in our academic and professional growth. We extend our sincere thanks to the management and staff of Tech Maghi Company for their hospitality and for providing us with this opportunity to learn.





null, Kerala, India

36, HMT Colony, North Kalamassery, Kalamassery, Kochi,

Long 76.354173°

Lat 10.055773°

12/7/2024 05:13 PM

GPS Map Camera

Google

# INTERNAL QUALITY ASSURANCE CELL

## SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL ACTIVITIES

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. BENAZIR K K

**Type of Activity:**

<b>SEMINAR</b>
----------------

**Title of Activity:**

<b>TECH STARTUP CONNECT</b>
-----------------------------

**Objectives:**

<ol style="list-style-type: none"><li>1. Define what IT encompasses, including software, hardware, and networking.</li><li>2. Discuss current trends in IT such as cloud computing, AI/ML, cybersecurity, and big data.</li><li>3. Highlight statistics and projections for growth and employment in IT.</li><li>4. Artificial Intelligence and Machine Learning: Explain how AI/ML is transforming various industries and what skills are in demand.</li><li>5. Discuss the importance of cybersecurity and the growing need for professionals in this field.</li><li>6. Overview of cloud services (AWS, Azure, Google Cloud) and their impact on business operations.</li><li>7. Introduce blockchain technology and its potential applications beyond cryptocurrency.</li><li>8. Outline various roles such as software developer, data scientist, network administrator, IT consultant, and project manager.</li><li>9. Discuss relevant certifications (e.g., AWS Certified Solutions Architect, CompTIA Security+) and additional educational resources.</li><li>10. Opportunities for tech entrepreneurs, startup ecosystems, and innovation hubs.</li><li>11. How technology is creating new business opportunities and disrupting traditional industries.</li><li>12. How to stay current with technological advancements and industry shifts.</li><li>13. Emphasize the importance of continuous education and skills upgrading.</li></ol>
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14. Allow students to ask questions and discuss topics of interest.

**Level of activity (College/Regional / National / International) and target audience**

COLLEGE LEVEL  
Students

**Expected outcome - academic / social / commercial**

ACADEMIC & COMMERCIAL

**Program details:**

Date	Time	Activity	Venue	Infrastructural requirements and availability
12-07-2024	10 am	Technical Talk on IT Opportunities	Conference Hall	Smart Board

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
Pranshu Mahajan	Faculty	IIIT Kotayam	

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Addresses	Website	Contact person, designation, email	Roles in collaborating/ Participating	Financial commitment in Rs.
					Nil

<b>Budget Estimates</b>		
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Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	NA	Request given to AI Foundation India
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>				

#### Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Mrs. Abeera V.P.	Mrs. Vidya Hari
Exact designation	Assistant Professor	Assistant Professor
Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number	9656587703	9447625552
Email	<a href="mailto:avp.cs@kmeacollege.ac.in">avp.cs@kmeacollege.ac.in</a>	<a href="mailto:vdh.it@kmeacollege.ac.in">vdh.it@kmeacollege.ac.in</a>
Signature		

#### Report of the Event:

The recent technical talk provided a comprehensive overview of the vast opportunities within the IT industry for B.Tech students. We began by examining the broad scope of IT, including its key areas of software, hardware, and networking. Current industry trends were highlighted, with a focus on cloud computing, artificial intelligence, cybersecurity, and big data, illustrating the sector's rapid growth and evolving nature. The talk delved into emerging technologies such as AI/ML, cybersecurity advancements, cloud services, and blockchain, emphasizing their transformative impact and the skills required for each.

The discussion then transitioned to career opportunities within IT, outlining various roles like software developers, data scientists, and network administrators, and detailing the essential skills and qualifications needed for these positions. Practical advice was provided on gaining experience through internships, networking, and personal branding. We also covered the importance of soft skills, problem-solving, and continuous learning in building a successful IT career.

Additionally, the talk explored entrepreneurship and innovation within the tech sector, showcasing opportunities for tech-driven business ventures. The session concluded with a presentation of resources for further education, career counseling options, and an interactive Q&A segment, which addressed students'



specific interests and queries. Overall, the talk equipped students with valuable insights and guidance for navigating their future careers in IT.

**HOD**

**PRINCIPAL**





## INTERNAL QUALITY ASSURANCE CELL

### SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL ACTIVITIES

<b>Name of the Department</b>	CIVIL ENGINEERING
<b>Name of the Head of the Department</b>	Dr. SIJA ARUN

**Type of Activity:**

TEP Cell Event

**Title of Activity :**

**Technical Talk on “General Introduction to Building Information Modelling”**

Add rows as required

**Objective :**

The primary objective of the activity was to provide participants with a comprehensive understanding of Building Information Modelling (BIM), its applications in the construction industry, and its potential to enhance project efficiency and collaboration.

Add rows as required

**Level of activity ( College/Regional / National / International ) and target audience**

College Level Activity- S7 students

Add rows as required

**Expected outcome - academic / social / commercial**

- Participants should have gained a clear and comprehensive understanding of what BIM is, its principles, and how it differs from traditional construction methodologies.

Add rows as required

**Programme details**

Date	Time	Activity	Venue	Infrastructural requirements and availability
02/11/23	11.30 – 12.35 PM	Technical Talk on “General Introduction to Building Information Modelling”	Seminar Hall, D-Block	Facilities available in seminar hall

Add rows as required

**Resource Person Details :**

Name	Designation	Organization	Area of Expertise
Er. Syed Nazif	Managing Director	Ace India Training and Services PVT LTD	Structural Engineer

Add rows as required

**Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.**

Name	Address	Website	Contact person , designation, email	Roles in collaborating /participating	Financial commitment# in Rs.
Ace India Training and Services PVT LTD,	xxvl / 69 , L-1, kuttoth complex, opposite reliance fresh, pookkattupady road, Toll junction, Edapally P O, Kochi, India	<a href="https://theaceindia.com/">https://theaceindia.com/</a>	Syed Nazif, Managing Director, contact@acecoco hin.com	Resource Person	nil

<sup>§</sup>Mention role of Industry/organisation.

Add rows as required..

#Attach copy of letters received from participating industry showing intent / financial commitment etc.

Budget Estimates		

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing,				
Travel, Stay and DA				
Other(please write each heading in each row				
<b>Total</b>				<b>NIL</b>

**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Rajeena K K	
Exact designation	Assistant Professor	
Department	Civil Engineering	
Cell number	9895579190	
Email	rkk.ce@kmeacollege.ac.in	
Signature		

**Report of the Event: (Minimum 500 Words)**

The program started at 11.00 am with a prayer. The welcome speech was delivered by Dr. Sija Arun., Head of the Department, Civil Engineering. Then the session was handed over to the speaker Mr.Syed Nazif ,Managing Director of ACE India Pvt Ltd. The activity on the general introduction to Building Information Modelling (BIM) proved to be a success in achieving its objectives. Participants gained a solid understanding of the fundamentals of BIM, its applications, and the potential benefits it offers to the construction industry. Session ended at 12.15 pm and two of our students, Asma Hafeem and Muhammed Rafi , had given feedback note for the session. The vote of thanks was

delivered by Asst. Prof. Rajeena K K and the program ended at 12.35 pm. Almost all the final year students and a few staff of the department had joined the session.

**\*NB: Attached the following documents:**

- 1. Poster**
- 2. Screenshots of the event.**
- 3. Attendance sheet**

**HOD**

**PRINCIPAL**





C.H. MOHAMMED KOYA  
**KMEA Engineering College**  
(Approved by AICTE & APJ Abdul Kalam Technological University)



**INSTITUTION'S  
INNOVATION  
COUNCIL**

## **DEPARTMENT OF CIVIL ENGINEERING IN ASSOCIATION WITH TEP CELL**

### **Technical Talk on "Introduction to Building Information Modelling"**

**Date: November 2, 2023**  
**Time: 11.00 am- 12.35 pm**  
**Venue: Seminar Hall- D block**

**Resource Person:**  
**Er. Syed Nazif**  
**Managing Director**  
**ACE India Training &  
Services PVT LTD**





## **INTERNAL QUALITY ASSURANCE CELL**

### **SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL ACTIVITIES**

<b>Name of the Department</b>	<b>Department of Electrical &amp; Electronics Engineering</b>
<b>Name of the Head of the Department</b>	Dr. Reena Sebastian

**Type of Activity:**

**ONE DAY WORKSHOP-outreach program**

---

**Title of Activity :**

**" Explore the world of AI make yourself for innovative ideas and startups**

---

**Objective :**

*Add rows as required*

The objective of the workshop was to provide school students with a foundational understanding of AI, stimulate their creativity, and encourage them to consider how AI can be utilized in the development of innovative ideas and potential startup ventures.

---

*Add rows as required*

**Level of activity ( College/Regional / National / International ) and target audience**

College level

---

**Expected outcome - academic / social / commercial**



- Students will gain a foundational knowledge of AI concepts, including an understanding of how AI is applied across various industries.
  - Participants will be able to identify and explain basic AI technologies and their potential uses in real-world scenarios.
  - The workshop will inspire students to think creatively about how AI can be used to solve problems and address societal needs.
  - Students will develop innovative ideas that leverage AI, demonstrating their ability to think critically and creatively.
- 

### Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
21/06/2024	9:30pm to 4:30 pm	Talk session	Conference hall	

### Resource Person Details :

Name	Designation	Organization	Area of Expertise
Mr. Binno M Joseph	Management consultant & Executive coach	Bengaluru	AI

### Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Roles in collaborating/participating	Financial commitment# in Rs.
NA					-----

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers			--	
Stationery, printing,				
Travel, Stay and DA				
Other(please write each heading in each row				
<b>Total</b>				

### Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Neenu B	Nimmy Charles
Exact designation	Assistant Professor	Assistant Professor
Department	EEE	EEE
Cell number	9567479101	9567479101
Email	nub.ee@kmeacollege.ac.in	ncs.ee@kmeacollege.ac.in
Signature		

### Report of the Event: (Minimum 500 Words)

Throughout the workshop, several interactive activities and group discussions were conducted to engage the students. These activities were designed to enhance their understanding of AI and encourage collaboration and critical thinking.

The workshop concluded with a feedback session, where students shared their experiences and what they learned. Many expressed their excitement about the potential of AI and their newfound interest in exploring AI further. The event was well-received by both students and facilitators, with many students expressing a desire to participate in similar workshops in the future.

The event successfully achieved its goal of inspiring young minds to explore the world of AI and think creatively about how they can contribute to future innovations. The organizers hope that this workshop will be a stepping stone for these students to pursue their interests in AI and entrepreneurship.

**\*NB: Attach the following documents:**

1. **Registration Form - Sample**
2. **List of participants(attendance sheet with Signature)**
3. **2 Event photo (Covering Resource Person& Screen, Audience) with Date**
4. **Poster/ Brochure**
5. **Certificate - Sample**
6. **Feedback Form - Sample**
7. **Collected feedback ( Should keep it in Department and produce whenever instructed)**
8. **2 Minutes Video (Should keep it in Department and produce whenever instructed)**

**HOD**

**PRINCIPAL**



C.H. MOHAMMED KOYA  
**KMEA ENGINEERING COLLEGE**  
APPROVED BY AICTE AFFILIATED TO KTU

## INTERNAL QUALITY ASSURANCE CELL

### SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL ACTIVITIES



<b>Name of the Department</b>	ELECTRONICS AND COMMUNICATION ENGINEERING
<b>Name of the Head of the Department</b>	Dr. SHAHIN M ABDULLA

**Type of Activity:**

**WORKSHOP**

**Title of Activity:**

"VLSI design using open source tools"

Add rows as required

**Objective:**

To familiarize eighth semester students on the VLSI design using open source tools with projects.

Add rows as required

**Level of activity (College/Regional / National / International) and target audience**

College Level, Sixth Semester ECE Students

Add rows as required

**Project Impact -Expected outcome - academic / social / commercial**

Students became aware of the VLSI designing.

Add rows as required

**Programme details**

Date	Time	Activity	Venue	Infrastructural requirements and availability
30/04/2024	10 am – 4.30 pm	Workshop	Systems Lab, ECE	Desktop Computers

Add rows as required

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise
Dr. Arun A V	Asst. Professor, MITS	Dept. of ECE, KMEA Engineering College	VLSI design using open source tools

**Budget Estimates**

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	nil			
Stationery, printing,	na			

Travel, Stay and DA	na			
Other (please write each heading in each row)	na			
<b>Total</b>	nil			

Add rows as required.  
Max assistance 3 Lakhs

### Details of Coordinators

	Coordinator
Name	AMRUTHA P R
Exact designation	Assistant Professor
Department	Electronics & Communication Engineering
Cell number	9562892155
Email	apr.ec@kmeacollege.ac.in
Signature	

### Report of the Event: ( Minimum 500 Words )

The Workshop was conducted at 10 am to 4.30 pm on 30/04/24 by the Electronics & Communication Engineering Department. The session was coordinated and conducted by Ms. AMRUTHA P R (Assistant Professor) of Electronics & Communication Engineering Department. The eighth semester students of EC department were the audience. 34 students actively participated in the session. The resource person gave clear insight into the fundamentals of VLSI design using open source tools.

**HOD**

**PRINCIPAL**



The poster features a dark blue background with a large circular inset on the right showing a glowing blue circuit board with various components like capacitors and a central chip. At the top left, there is a logo of a stylized circuit board with the text "ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT" below it. The main title "WORKSHOP VLSI DESIGN USING OPEN SOURCE TOOLS" is prominently displayed in white. Below the title, the date "Tuesday, 30 April 2024" is shown with a calendar icon. The speaker's name and title, "Speaker :Dr. ARUN A V Assistant Professor, MITS", are listed. At the bottom, there are logos for "KMEA IEEE STUDENT BRANCH" and "INSTITUTION'S INNOVATION COUNCIL".

ELECTRONICS & COMMUNICATION  
ENGINEERING DEPARTMENT

**WORKSHOP**  
**VLSI DESIGN USING OPEN**  
**SOURCE TOOLS**

Tuesday,  
30 April 2024

Speaker :Dr. ARUN A V  
Assistant Professor, MITS

KMEA  
IEEE STUDENT BRANCH

INSTITUTION'S  
INNOVATION  
COUNCIL







# INTERNAL QUALITY ASSURANCE CELL

## SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL ACTIVITIES

<b>Name of the Department</b>	COMPUTER SCIENCE AND ENGINEERING
<b>Name of the Head of the Department</b>	Dr. BENAZIR K K

**Type of Activity:**

**TECHNICAL TALK**

**Title of Activity:**

**NETWORK PROGRAMMING AND INNOVATION MASTERY- VODAFONE CERTIFIED (VOIS)**

**Objectives:**

1. Understand threat landscape: Familiarize participants with the current cyber threat landscape, including types of attacks, vulnerabilities, and risks.
2. Cybersecurity fundamentals: Cover essential cybersecurity concepts, such as network security, cryptography, and incident response.
3. Security controls and measures: Discuss various security controls, including firewalls, access control, and encryption, and their implementation.
4. Risk assessment and management: Teach participants how to identify, assess, and mitigate cyber risks.
5. Cybersecurity best practices: Share industry-recognized best practices for cybersecurity, including security frameworks and standards.
6. Networking and collaboration: Facilitate networking among participants and encourage collaboration to address cybersecurity challenges.
7. Staying updated with industry trends: Update participants on the latest cybersecurity trends, technologies, and innovations.

8. Apply cybersecurity knowledge: Enable participants to apply their knowledge to real-world scenarios, ensuring they can protect themselves and their organizations from cyber threats.

**Level of activity (College/Regional / National / International) and target audience**

COLLEGE LEVEL  
Students

**Expected outcome - academic / social / commercial**

ACADEMIC & COMMERCIAL

**Program details:**

Date	Time	Activity	Venue	Infrastructural requirements and availability
26-07-2024	10 am	Technical Talk on Network Programming and Cyber Security	Online	Labs and Mobile phones

**Resource Person Details:**

Name	Designation	Organization	Area of Expertise

**Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.**

Name	Addresses	Website	Contact person, designation, email	Roles in collaborating/ Participating	Financial commitment in Rs.
					Nil

<b>Budget Estimates</b>		
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Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing,				
Travel, Stay and DA				
Other (please write each heading in each row)				
<b>Total</b>				

**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Mrs. Abeera V.P.	Mrs. Vidya Hari
Exact designation	Assistant Professor	Assistant Professor
Department	Computer Science & Engg., KMEA	Computer Science & Engg., KMEA
Cell number	9656587703	9447625552
Email	<a href="mailto:avp.cs@kmeacollege.ac.in">avp.cs@kmeacollege.ac.in</a>	<a href="mailto:vdh.it@kmeacollege.ac.in">vdh.it@kmeacollege.ac.in</a>
Signature		

**Report of the Event:**

The VOIS (Vodafone Idea Foundation) certification program's technical session on Cybersecurity aimed to equip participants with a comprehensive understanding of the subject. The session began by familiarizing participants with the current cyber threat landscape in networks, covering essential concepts, and discussing various security controls and measures. Participants learned about risk assessment and management, industry-recognized best practices, and received hands-on training with cybersecurity tools and simulations. The session also prepared participants for VOIS certification exams and other industry-recognized certifications. Additionally, it provided a platform for networking and collaboration, ensuring participants stayed updated with the latest industry trends and innovations. By the end of the session, participants were able to apply their knowledge to real-world scenarios, enabling them to protect themselves and their organizations from cyber threats. Overall, the technical session successfully achieved its objectives, empowering participants with the knowledge and skills necessary to excel in the field of cybersecurity.

**HOD**

**PRINCIPAL**



C.H. MOHAMMED KOYA  
**KMEA Engineering College**  
 Approved By AICTE  
 Affiliated to KTU  
 Accredited By NAAC & NBA (ME, CE, EEE, EC, CSE)



# NETWORK PROGRAMMING AND INNOVATION MASTERY (NPIM) - VODAFONE CERTIFIED

Conducted By-  
 Edunet Foundation,  
 Gurgaon



**26TH JULY 2024**  
**WEDNESDAY**



**ATAL RANKING**  
**64**  
 MoE, GOVT OF INDIA  
 MoE, Govt. of India



**N-S-D-C**  
 National  
 Skill Development  
 Corporation



**INSTITUTION'S  
 INNOVATION  
 COUNCIL**  
 Ministry of Education, Government of India

10:27

80%

\_VOIS technical session on ...  
23:38 193 attendees



Notifications (3)



Maria Joy ...



Ilakkiya M



Megha Goja



Maria Joy







## INTERNAL QUALITY ASSURANCE CELL

### SEMINAR, SYMPOSIUM, FDP, WORKSHOP AND OTHER TECHNICAL ACTIVITIES

<b>Name of the Department</b>	Department of Electrical & Electronics Engineering
<b>Name of the Head of the Department</b>	Dr. Reena Sebastian

**Type of Activity:**

**Webinar**

---

**Title of Activity :**

**" Designing the future: Innovative power electronics in Renewable Energy"**

Add rows as required

**Objective :**

The webinar titled "Designing the Future: Innovative Power Electronics in Renewable Energy" was conducted to explore cutting-edge advancements in power electronics and their application in renewable energy systems. The event aimed to provide participants with insights into the latest technologies and innovations driving the future of sustainable energy solutions.

Add rows as required

**Level of activity ( College/Regional / National / International ) and target audience**

College level

---

### Expected outcome - academic / social / commercial

- Present the latest advancements in power electronics relevant to renewable energy.
  - Discuss the role of power electronics in enhancing the efficiency and effectiveness of renewable energy systems.
  - Share case studies and practical applications demonstrating the impact of innovative power electronics.
- Facilitate knowledge exchange among professionals, researchers, and industry experts in the field of renewable energy.
- 

### Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
1/08/2024	7:30pm to 8:30 pm	Quiz session	ONLINE	

### Resource Person Details :

Name	Designation	Organization	Area of Expertise
Mohammed Jaseem	Asst. Professor	Department of EEE, Indira Gandhi college	Power electronics

### Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Roles in collaborating/participating	Financial commitment# in Rs.
NA					-----



Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers			--	
Stationery, printing,				
Travel, Stay and DA				
Other(please write each heading in each row				
<b>Total</b>				

### Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Neenu B	Nimmy Charles
Exact designation	Assistant Professor	Assistant Professor
Department	EEE	EEE
Cell number	9567479101	9567479101
Email	nub.ee@kmeacollege.ac.in	ncs.ee@kmeacollege.ac.in
Signature		

### Report of the Event: (Minimum 500 Words)

The talk session started at 7.30pm with 97 participants on 1<sup>th</sup> AUG 2024 AS ONLINE . After the welcome speech Ms.Neenu B session started with a discussion on the key aspects of the event. The webinar "Designing the Future: Innovative Power Electronics in Renewable Energy" successfully met its objectives by providing a comprehensive overview of current advancements and future trends in power electronics. The event facilitated meaningful knowledge exchange and highlighted the importance of innovation in driving the future of renewable energy. Based on feedback and observations, the following recommendations are suggested for future webinars:

- Include more interactive elements, such as live polls or breakout sessions, to increase participant engagement.
- Extend the Q&A session to allow more time for in-depth discussions.

**\*NB: Attach the following documents:**

1. **Registration Form - Sample**
2. **List of participants(attendance sheet with Signature)**
3. **2 Event photo (Covering Resource Person& Screen, Audience) with Date**
4. **Poster/ Brochure**
5. **Certificate - Sample**
6. **Feedback Form - Sample**
7. **Collected feedback ( Should keep it in Department and produce whenever instructed)**
8. **2 Minutes Video (Should keep it in Department and produce whenever instructed)**

**HOD**

**PRINCIPAL**



C.H. MOHAMMED KOYA

**KMEA ENGINEERING COLLEGE**

APPROVED BY AICTE

AFFILIATED TO KTU

**INTERNAL QUALITY ASSURANCE CELL**



<b>Name of the club/Department</b>	Electronics and communication department
<b>Staff in charge</b>	Mr Binish M.C

**Type of Activity:**

Idea Pitching

**Title of Activity:**

YUKTI 2.0 Innovation Challenge

**Objective:**

Foster a culture of innovation and entrepreneurship

**Level of activity (College/Regional / National / International) and target audience**

National

**Expected outcome - academic / social / commercial**

- Commercial

**Program details**

<b>Date</b>	<b>Time</b>	<b>Activity</b>	<b>Venue</b>
15/03/24	10:00 am	YUKTI Innovation challenge	Google meet

### Resource Person Details:

Date	Name	Designation	Remuneration
15/03/24	Mubeena Mirshad	S6 ECE	
	Muhammed Arshaq	S6 ECE	

### REPORT

Mubeena Mirshad and Muhammed Arshaq, 3<sup>rd</sup> year BTech Electronics and Communication students at KMEA Engineering College, have advanced to the final stage of the YUKTI 2.0 Innovation Challenge. This prestigious event, organized by the Ministry of Education's Innovation Cell (MIC), aims to foster innovative solutions and entrepreneurial mindsets among students across the country. The challenge provides a platform for young innovators to showcase their talents and contribute to the nation's progress through cutting-edge ideas and solutions.

Mubeena and Arshaq submitted their innovative project proposal, which was meticulously reviewed by a panel of experts. After passing the initial screening, they were invited to present their project at the Institution's Innovation Council (IIC) regional meet held at Cochin University of Science and Technology (CUSAT). Their presentation stood out among numerous entries, showcasing their technical skills and creative problem-solving abilities.





**NBA  
CERTIFICATION**

# राष्ट्रीय प्रत्यायन बोर्ड

चौथा तल, ईस्ट टावर, एन. बी. सी. प्लेस, भीष्म पितामह मार्ग, प्रगति विहार, लोधी रोड, नई दिल्ली - 110003  
**NATIONAL BOARD OF ACCREDITATION**  
4<sup>th</sup> Floor, East Tower, NBCC Place, Bhisham Pitamah Marg, Pragati Vihar, Lodhi Road, New Delhi 110003



F.No- 26-103-2021-NBA

Date: 10.10.2023

To,  
The Principal  
KMEA Engineering College,  
Kuzhivelipady, Edathala P.O.,  
Aluva, Ernakulam – 683561 Kerala

**Subject: Accreditation status of programs applied by KMEA Engineering College, Kuzhivelipady, Edathala P.O., Aluva, Ernakulam – 683561 Kerala.**

Sir,

This has reference to your application I.D. Nos. 6286-04/01/2022, 7214-27/08/2022 and 7325-06/10/2022 seeking accreditation by National Board of Accreditation to UG Engineering programs applied by KMEA Engineering College, Kuzhivelipady, Edathala P.O., Aluva, Ernakulam – 683561 Kerala.

2. An Expert Team conducted onsite evaluation of the programs from 15<sup>th</sup> to 17<sup>th</sup> September, 2023. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The Competent Authority in NBA has approved the following accreditation status to the programs as given in the table below:

Sl. No.	Name of the Program(s) (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Computer Science & Engineering	Tier II June 2015 Document	Accredited	Academic Years 2023-2024 to 2025-2026 i.e. up to 30-06-2026	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the Competent Authority, whichever is earlier
2.	Mechanical Engineering		Accredited		
3.	Electrical & Electronics Engineering		Accredited		
4.	Civil Engineering		Accredited		
5.	Electronics & Communication Engineering		Accredited		

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

Contd./\_

4. The programs have been granted accreditation for 3 years. **KMEA Engineering College, Kuzhivelipady, Edathala P.O., Aluva, Ernakulam – 683561 Kerala** should submit the Compliance Report at least six months before the expiry of validity of accreditation mentioned above so as to be eligible for consideration by the concerned Committee in NBA for further processing of the accreditation status.

5. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to **KMEA Engineering College, Kuzhivelipady, Edathala P.O., Aluva, Ernakulam – 683561 Kerala** as a whole. **As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously.** Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

6. The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programs as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.

7. The accreditation status awarded to the programs as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

8. A copy each of the Report of Chairman of the Visiting Team and Evaluators' Reports in respect of the above programs is enclosed.

9. If the Institute is not satisfied with the decision of NBA, it may appeal within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,



(Dr. Anil Kumar Nassa)  
Member Secretary

**Encls.:** 1. Copy of Report of Chairman of the Visiting Team.  
2. Copy each of Expert Reports of the Visiting Team.

Copy to:

1. The Director of Technical Education,  
Padmavilasam Rd, Fort, P.O, Pazhavangadi,  
Thiruvananthapuram, Kerala 695023
2. The Registrar  
APJ Abdul Kalam Technological University, Kerala  
CET Campus, Alathara Rd, Ambady Nagar,  
Thiruvananthapuram, Kerala 695016
3. Accreditation File
4. Master Accreditation file of the State



# **IIC RANKING**



Ministry of  
Education  
Government of India



MoE's  
INNOVATION CELL  
(GOVERNMENT OF INDIA)



INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of Education Initiatives)



## CERTIFICATE

Institution's Innovation Council (IIC) established at

**K.M.E.A Engineering College, ERNAKULAM**

had undertaken various activities prescribed by Innovation Cell, Ministry of Education, Govt. of India to promote Innovation and Start-up in campus during the IIC calendar year 2022-23.

**Prof. TG Sitharam**  
Chairman  
Aicte

**Dr. Abhay Jere**  
Chief Innovation Officer  
MOE, Innovation Cell

**Mr. Dipan Sahu**  
Assistant Innovation Director  
MOE, Innovation Cell

Certificate No : 818

Issued On : 2023-11-16

# **NIRF Participation 2023-24**

# National Institutional Ranking Framework

Ministry of Education

Government of India

Welcome to Data Capturing System: ENGINEERING

## Submitted Institute Data for NIRF'2024'

Institute Name: KMEA Engineering College [IR-E-C-11571]

### Sanctioned (Approved) Intake

Academic Year	2022-23	2021-22	2020-21	2019-20	2018-19	2017-18
UG [4 Years Program(s)]	300	300	300	300	-	-
PG [2 Year Program(s)]	72	54	-	-	-	-

### Total Actual Student Strength (Program(s) Offered by Your Institution)

(All programs of all years)	No. of Male Students	No. of Female Students	Total Students	Within State (Including male & female)	Outside State (Including male & female)	Outside Country (Including male & female)	Economically Backward (Including male & female)	Socially Challenged (SC+ST+OBC Including male & female)	No. of students receiving full tuition fee reimbursement from the State and Central Government	No. of students receiving full tuition fee reimbursement from Institution Funds	No. of students receiving full tuition fee reimbursement from the Private Bodies	No. of students who are not receiving full tuition fee reimbursement
UG [4 Years Program(s)]	619	391	1010	1010	0	0	0	0	0	0	0	0
PG [2 Year Program(s)]	12	20	32	32	0	0	0	0	0	0	0	0

### Placement & Higher Studies

#### UG [4 Years Program(s)]: Placement & higher studies for previous 3 years

Academic Year	No. of first year students intake in the year	No. of first year students admitted in the year	Academic Year	No. of students admitted through Lateral entry	Academic Year	No. of students graduating in minimum stipulated time	No. of students placed	Median salary of placed graduates(Amount in Rs.)	No. of students selected for Higher Studies
2017-18	480	325	2018-19	21	2020-21	125	67	300000(Three lakhs only)	17
2018-19	480	325	2019-20	22	2021-22	77	67	300000(Three lakhs only)	10
2019-20	300	222	2020-21	31	2022-23	89	76	300000(Three lakhs only)	13

#### PG [2 Years Program(s)]: Placement & higher studies for previous 3 years

Academic Year	No. of first year students intake in the year	No. of first year students admitted in the year	Academic Year	No. of students graduating in minimum stipulated time	No. of students placed	Median salary of placed graduates(Amount in Rs.)	No. of students selected for Higher Studies
2019-20	72	0	2020-21	0	0	0(Zero)	0
2020-21	54	13	2021-22	13	2	300000(Three lakhs only)	0
2021-22	54	15	2022-23	13	13	300000(Three lakhs only)	0

**Ph.D Student Details**

Ph.D (Student pursuing doctoral program till 2022-23 Students admitted in the academic year 2023-24 should not be entered here.)			
		Total Students	
Full Time		0	
Part Time		0	
No. of Ph.D students graduated (including Integrated Ph.D)			
	2022-23	2021-22	2020-21
Full Time	0	0	0
Part Time	0	0	0

**Financial Resources: Utilised Amount for the Capital expenditure for previous 3 years**

Academic Year	2022-23	2021-22	2020-21
	Utilised Amount	Utilised Amount	Utilised Amount
Annual Capital Expenditure on Academic Activities and Resources (excluding expenditure on buildings)			
Library ( Books, Journals and e-Resources only)	982003 (Nine Lakh Eighty Two Thousand Three )	7746 (Seven Thousand Seven Hundred Forty Six)	7733 (Seven Thousand Seven Hundred Thirty Three)
New Equipment and software for Laboratories	652224 (Six Lakh Fifty Two Thousand Two Hundred Twenty Four )	11178475 (One Crore Eleven Lakhs Seventy Eight Thousand Four Hundred Seventy Five)	407799 (Four Lakhs Seven Thousand Seven Hundred Ninety Nine)
Engineering Workshops	341508 (Three Lakh Forty One Thousand Five Hundred Eight )	0 (zero)	0 (zero)
Other expenditure on creation of Capital Assets (For setting up classrooms, seminar hall, conference hall , library, Lab, Engg workshops excluding expenditure on Land and Building)	3477299 (Thirty Four Lakh Seventy Seven Thousand Two Hundred Ninety Nine)	419872 (Four Lakhs Ninteen Thousand Eight Hundred Seventy Two)	9743007 (Ninty Seven Lakhs Forty Three Thousand Seven)

**Financial Resources: Utilised Amount for the Operational expenditure for previous 3 years**

Academic Year	2022-23	2021-22	2020-21
	Utilised Amount	Utilised Amount	Utilised Amount
Annual Operational Expenditure			
Salaries (Teaching and Non Teaching staff)	50209467 (Five Crore Two Lakh Nine Thousand Four Hundred Sixty Seven )	52123512 (Five Crore Twenty One Lakhs Twenty Three Thousand Five Hundred Twelve )	46179649 (Four Crore Sixty One Lakhs Seventy Nine Thousand Six Hundred Forty Nine)
Maintenance of Academic Infrastructure or consumables and other running expenditures(excluding maintenance of hostels and allied services,rent of the building, depreciation cost, etc)	15793138 (One Crore Fifty Seven Lakh Ninety Three Thousand One Hundred Thirty Eight )	8899063 (Eighty Eight Lakhs Ninty Nine Thousand Sixty Three)	10684837 (One Crore Six Lakhs Eighty Four Thousand Eight Hundred Thirty Seven)
Seminars/Conferences/Workshops	311000 (Three Lakh Eleven Thousand )	20000 (Twenty thousand only)	0 (zero)

**IPR**

Calendar year	2022	2021	2020
No. of Patents Published	2	0	0
No. of Patents Granted	0	0	0

**Sponsored Research Details**

Financial Year	2022-23	2021-22	2020-21
Total no. of Sponsored Projects	3	1	0
Total no. of Funding Agencies	2	1	0
Total Amount Received (Amount in Rupees)	1634000	457000	0
Amount Received in Words	Sixteen Lakh Thirty Four Thousand	Four Lakhs fifty Seven Thousand Only	Zero

**Consultancy Project Details**

Financial Year	2022-23	2021-22	2020-21
Total no. of Consultancy Projects	15	1	3
Total no. of Client Organizations	9	1	0
Total Amount Received (Amount in Rupees)	286223	545873	40700
Amount Received in Words	Two Lakh Eighty Six Thousand Two Hundred Twenty Three	Five Lakh Fourty five thousand eight hundred seventy three	Fourty Thousand Seven Hundred

**PCS Facilities: Facilities of physically challenged students**

1. Do your institution buildings have Lifts/Ramps?	Yes, more than 80% of the buildings
2. Do your institution have provision for walking aids, including wheelchairs and transportation from one building to another for handicapped students?	Yes
3. Do your institution buildings have specially designed toilets for handicapped students?	Yes, more than 80% of the buildings

**Faculty Details**

Srno	Name	Age	Designation	Gender	Qualification	Experience (In Months)	Currently working with institution?	Joining Date	Leaving Date	Association type
1	Bindu Sebastian	50	Associate Professor	Female	M.Tech	258	Yes	10-01-2002	--	Regular
2	Soni Syed	49	Assistant Professor	Female	M.Tech	177	Yes	03-10-2008	--	Regular
3	Jinu V R	35	Assistant Professor	Female	M.Tech	132	Yes	02-07-2012	--	Regular
4	Husaiba N M	36	Assistant Professor	Female	M.Tech	125	Yes	11-02-2013	--	Regular
5	Fathima S Thaikudiyil	34	Assistant Professor	Female	M.Tech	120	Yes	15-07-2013	--	Regular
6	Fazna Nazim	35	Assistant Professor	Female	M.Tech	119	Yes	19-08-2013	--	Regular
7	Lakshmy E G	37	Assistant Professor	Female	M.Tech	92	Yes	02-11-2015	--	Regular
8	Aswathy K V	32	Assistant Professor	Female	M.Tech	93	Yes	08-10-2015	--	Regular
9	Midhun Mohan	34	Assistant Professor	Male	M.Tech	73	Yes	02-06-2017	--	Regular
10	Muhammed Ajmal	30	Assistant Professor	Male	M.Tech	64	Yes	17-08-2020	--	Regular
11	BENOY BENJAMIN	29	Assistant Professor	Male	M.Tech	37	Yes	01-01-2021	--	Regular

12	Dr Amar Nishad	64	Dean / Principal / Director / Vice Chancellor	Male	Ph.D	480	Yes	06-05-2015	--	Regular
13	Selin M	42	Associate Professor	Female	M.Tech	226	Yes	01-09-2004	--	Regular
14	Veena K Viswam	40	Assistant Professor	Female	M.Tech	191	Yes	10-08-2007	--	Regular
15	Abeera V P	38	Assistant Professor	Female	M.Tech	161	Yes	08-02-2010	--	Regular
16	Dr Rekha Lakshman	44	Professor	Female	Ph.D	246	Yes	07-01-2003	--	Regular
17	Sheena Kurian K	47	Associate Professor	Female	M.Tech	150	Yes	07-01-2011	--	Regular
18	Elia Nibia	36	Assistant Professor	Female	M.Tech	142	Yes	08-09-2011	--	Regular
19	Maria Joy	37	Assistant Professor	Female	M.Tech	142	Yes	08-09-2011	--	Regular
20	Jisha Jamal	33	Assistant Professor	Female	M.Tech	105	Yes	15-10-2014	--	Regular
21	Ajmal E B	32	Assistant Professor	Male	M.Tech	49	Yes	05-06-2019	--	Regular
22	Vidya Hari	43	Assistant Professor	Female	M.Tech	240	Yes	06-06-2005	--	Regular
23	Smitha K M	45	Associate Professor	Female	M.Tech	203	Yes	03-08-2006	--	Regular
24	Bushara A R	38	Assistant Professor	Female	M.Tech	150	Yes	07-01-2011	--	Regular
25	Abini M A	36	Assistant Professor	Female	M.Tech	137	Yes	07-02-2012	--	Regular
26	Binish M C	37	Assistant Professor	Female	M.Tech	137	Yes	07-02-2012	--	Regular
27	Jubaira Mammoo	39	Assistant Professor	Female	M.Tech	126	Yes	08-01-2013	--	Regular
28	Muhammed Ismail H	39	Assistant Professor	Male	M.Tech	126	Yes	07-01-2013	--	Regular
29	Dr Sangeetha C P	40	Associate Professor	Female	Ph.D	136	Yes	11-02-2020	--	Regular
30	Raji T R	38	Assistant Professor	Female	M.Tech	190	Yes	13-09-2007	--	Regular
31	Neenu B	35	Assistant Professor	Female	M.Tech	137	Yes	02-02-2012	--	Regular
32	Femy P H	42	Assistant Professor	Female	M.Tech	136	Yes	07-03-2012	--	Regular
33	Sabeena Salam	46	Assistant Professor	Female	M.Tech	89	Yes	24-02-2016	--	Regular
34	Dr Reena Sebastian	53	Professor	Female	Ph.D	90	Yes	07-01-2016	--	Regular
35	Nimmy Charles	35	Assistant Professor	Female	M.Tech	72	Yes	24-07-2017	--	Regular
36	Dr Faseela C K	40	Associate Professor	Female	Ph.D	159	Yes	17-08-2020	--	Regular
37	Fareeda A Kareem	45	Associate Professor	Female	M.Tech	208	Yes	21-08-2006	--	Regular
38	Shaila C K	41	Assistant Professor	Female	M.Tech	195	Yes	09-04-2007	--	Regular
39	Manjusha T S	39	Assistant Professor	Female	M.Tech	197	Yes	20-08-2012	--	Regular
40	Jasna K Azeez	37	Assistant Professor	Female	M.Tech	137	Yes	07-02-2012	--	Regular
41	Abdul Jaleel K T	37	Assistant Professor	Male	M.Tech	159	Yes	08-04-2010	--	Regular
42	Premkrishnan P	37	Assistant Professor	Male	M.Tech	142	Yes	20-09-2011	--	Regular
43	Sandeep K V	35	Assistant Professor	Male	M.Tech	126	Yes	07-01-2013	--	Regular

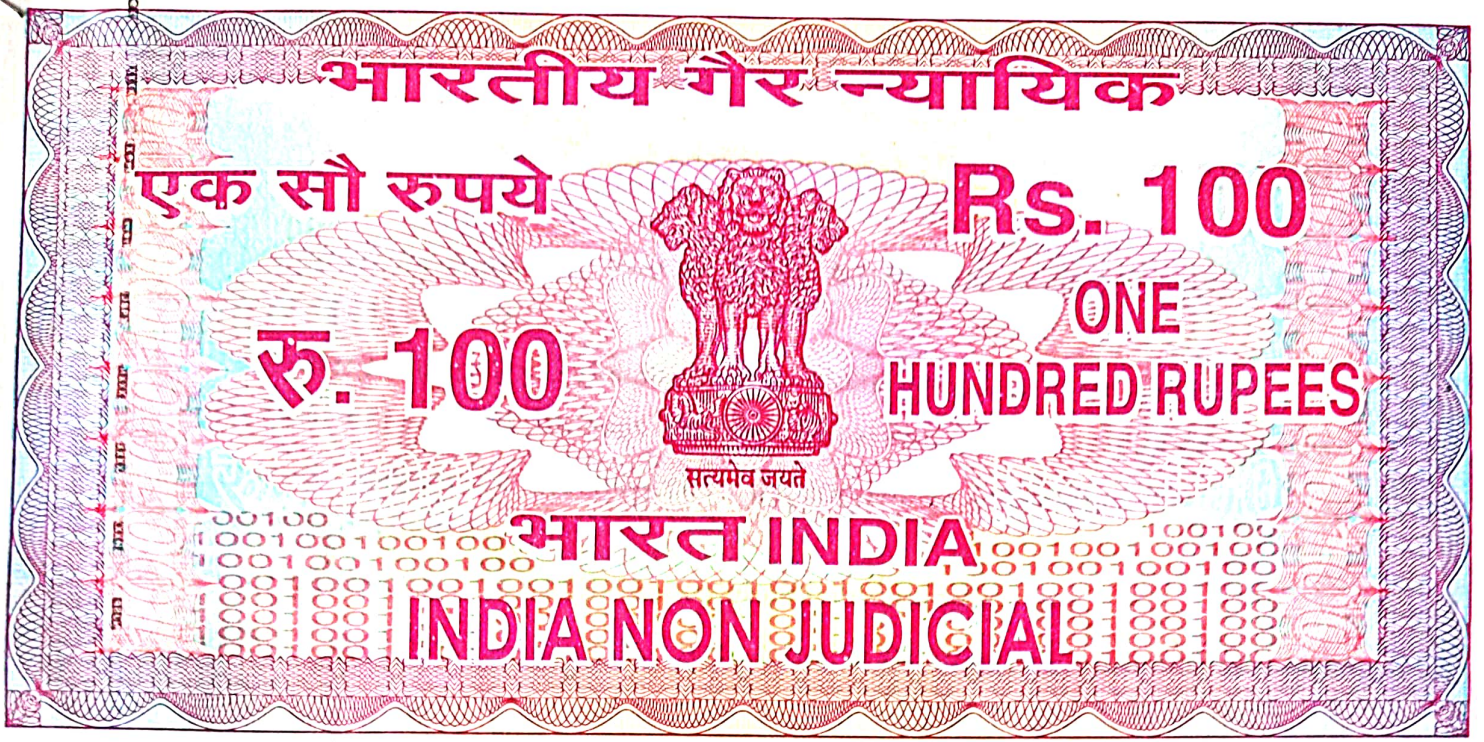
44	Mohammed Yasar C A	34	Assistant Professor	Male	M.Tech	126	Yes	08-01-2013	--	Regular
45	Haris P A	34	Assistant Professor	Male	M.Tech	80	Yes	07-11-2016	--	Regular
46	Pradeep P D	36	Assistant Professor	Male	M.Tech	83	Yes	08-08-2016	--	Regular
47	Dr Bijesh Paul	47	Professor	Male	Ph.D	74	Yes	01-05-2017	--	Regular
48	Suriya S	41	Assistant Professor	Female	M.Tech	72	Yes	24-07-2017	--	Regular
49	Abins Ali	33	Assistant Professor	Male	M.Tech	75	Yes	08-04-2017	--	Regular
50	Rohith K Anand	35	Assistant Professor	Male	M.Tech	67	Yes	31-12-2017	--	Regular
51	Rajesh R Pillai	37	Assistant Professor	Male	M.Tech	67	Yes	31-12-2017	--	Regular
52	Sandeep Kumar M	32	Assistant Professor	Male	M.Tech	66	Yes	17-01-2018	--	Regular
53	Haneesh K Shams	37	Assistant Professor	Male	M.Tech	64	Yes	19-03-2018	--	Regular
54	Muhasin K M	33	Assistant Professor	Male	M.Tech	64	Yes	19-03-2018	--	Regular
55	Dr Sajith T A	36	Assistant Professor	Male	Ph.D	60	Yes	17-08-2021	--	Regular
56	Naseema V A	52	Assistant Professor	Female	B.Ed	258	Yes	10-01-2002	--	Regular
57	Shimna A	46	Assistant Professor	Female	SET	229	Yes	23-06-2004	--	Regular
58	Bitu T Rajendran	42	Assistant Professor	Female	B.Ed	185	Yes	04-02-2008	--	Regular
59	Resmi G	42	Assistant Professor	Female	B.Ed	169	Yes	30-06-2009	--	Regular
60	Sunitha K A	47	Assistant Professor	Female	SET	166	Yes	07-09-2009	--	Regular
61	Shahina M S	52	Assistant Professor	Female	M.Ed	77	Yes	13-02-2017	--	Regular
62	RAJEENA K K	29	Assistant Professor	Female	M.Tech	64	Yes	21-10-2021	--	Regular
63	Sruthi Vijayakumar	35	Assistant Professor	Female	M.Tech	109	Yes	07-04-2021	--	Regular
64	SHYNI SHAJAHAN	37	Assistant Professor	Female	M.Tech	91	Yes	01-11-2021	--	Regular
65	Dr Leera Raju	47	Assistant Professor	Female	Ph.D	60	Yes	10-11-2021	--	Regular
66	Aju Philip	28	Assistant Professor	Male	M.A.(Economics)	62	Yes	01-11-2021	--	Regular
67	Dr Soumya K M	40	Associate Professor	Female	Ph.D	121	Yes	01-12-2021	--	Regular
68	Dr Sija Arun	50	Associate Professor	Female	Ph.D	140	Yes	30-08-2022	--	Regular
69	Dr Daniel Paul T	32	Associate Professor	Male	Ph.D	36	Yes	30-08-2022	--	Regular
70	Sreerekha K	26	Assistant Professor	Female	M.Tech	16	Yes	11-04-2021	--	Regular
71	Lakshmi S Anil	25	Assistant Professor	Female	M.Tech	40	Yes	04-04-2022	--	Regular
72	Shahin M Abdulla	43	Assistant Professor	Female	Ph.D	110	Yes	10-02-2022	--	Regular
73	Ajasudheen V A	33	Assistant Professor	Male	M.Tech	70	Yes	23-03-2022	--	Regular
74	Shikha U S	31	Assistant Professor	Female	M.Tech	45	Yes	04-04-2022	--	Regular
75	Remya V K	35	Assistant Professor	Female	Ph.D	30	Yes	19-08-2022	--	Regular
76	Rasheeda Hameed	38	Assistant Professor	Female	M.Tech	167	Yes	19-08-2009	--	Regular



77	Sanju John Thomas	46	Assistant Professor	Male	Ph.D	24	Yes	25-08-2021	--	Regular
78	Dr A Raju	55	Associate Professor	Male	Ph.D	224	Yes	18-01-2021	--	Regular
79	Dr Ebitha Eqbal	37	Associate Professor	Female	Ph.D	60	Yes	01-12-2020	--	Regular
80	Simimol PY	44	Assistant Professor	Female	Ph.D		No	20-01-2020	12-01-2022	Regular

# **MOUs**

## **2023-24**



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EA 019209

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) entered on the Third (Date)  
Tuesday (Day) of October (Month) 2023 (Year).

**By and Between**

ARCITE EDUCATIONAL SOLUTIONS PVT LTD having its office at Second Floor, SAS Arcade Opp. Vayapara Bhavan Kottiyam Kollam- 691571 (herein after referred as "First Party" for the sake of brevity) and represented by its Technical Director, **Mohammed Sajin S** having the training center at second floor Second Floor, SAS Arcade Opp. Vayapara Bhavan Kottiyam Kollam- 691571 which expression shall mean and include its successor and assigns

**And**

Department of Mechanical Engineering  
Having its campus at KMFA Engineering College  
(Herein after referred as "Second Party" for the sake of brevity) and represented by its  
DIRECTOR

Mr./Mrs. Dr. AMAR NISHAD T.M  
Which expression shall mean and include its successor in office and assigns.



: 368- RS-100-

14/2023.

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M.N. ARAVINDAKSHAN PILLAI  
VENDOR, KOLLAM

## **BENEFITS OF TRAINING FROM AUTHORIZED TRAINING CENTER - ARCITE**

1. Courses led by Autodesk, Bentley, CPD, Adobe, Microsoft, ISHRAE, ASNT certified authorized instructors.
2. Courseware are designed globally to meet global standards in the industry.
3. Students will get 25% discount from the normal fees for our prestigious Courses.
4. Immense support for the respective department in Internships, Placements and Self branding of students.
5. Training materials are scrutinized by global professional teams.
6. Original versions of software will be installed in the respective computer labs arranged for training.
7. Students will get International and National Credit points from the given International Certifications.
8. Department can highlight in Accreditation Programs and Marketing about the International training.
9. Participation access to International and National Conclave and Competitions.
10. Students will get individual account for their further skill updation.
11. Students can avail international level study materials after completion of the session.

### **TERMINATION:**

Both the parties shall have the rights to terminate this MOU by providing 30 days' notice period. Termination of this MOU for whatever reason shall be without prejudice to the rights of either party and of the students and the ongoing academic programs.

### **JURISDICTION:**


All matters, queries, disputes, whatsoever arising between two parties touching the construction, meaning, operation or effect of this Memorandum Of Understanding (MOU) or out of or relating to this agreement or breach thereof shall be settled through arbitration in accordance with the relevant Arbitration Act in force at such time. The arbitration award shall be binding on both parties

### **VALIDITY:**

The Memorandum Of Understanding (MOU) will be valid for a period of Two Years.

This Memorandum Of Understanding (MOU) shall come into effect from

.....03/10/2023..... (Date)



## TERMS & CONDITIONS

As per the discussions we had upon signing this Memorandum Of Understanding (MOU) between both the parties - the following conditions are to be satisfied by both parties for its successful implementation.

- As the official skill training partner, the first party will host free and paid technical workshops in the college with industry veterans.
- First party will arrange site trainings and industry expertise to the students from first year onwards.
- First party will provide students with training on sustainable engineering and green building concepts.
- First party will include second party's logo and description of second party in first party's website.
- First party will incorporate second party in National and International programs.
- First party will conduct Faculty Development Programs, Placement drives in association with second party.
- MOU signing ceremony will be conducted in a large scale event in the presence of Minister level political personality. (if MOU signed with College)
- On signing this Memorandum of Understanding (MOU) the second party agrees to provide the first party with necessary space to setup its classrooms and facilities. Seminar rooms with Projector facility shall be allotted upon request. The space allocated should be easily accessible to students.
- First party will install and maintain the training software's for training purpose.
- Will conduct a FDP in respective department for free of cost.



**For First Party**

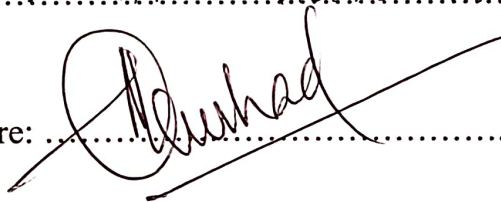
Name: Mohammed Sajin S

Signature: .....  .....

Designation: ..... *Technical Director* .....

**For Second Party**

Name: ..... *Dr. AMAR NISHAD T.M* .....

Signature: .....  .....

Designation: ..... *DIRECTOR* .....

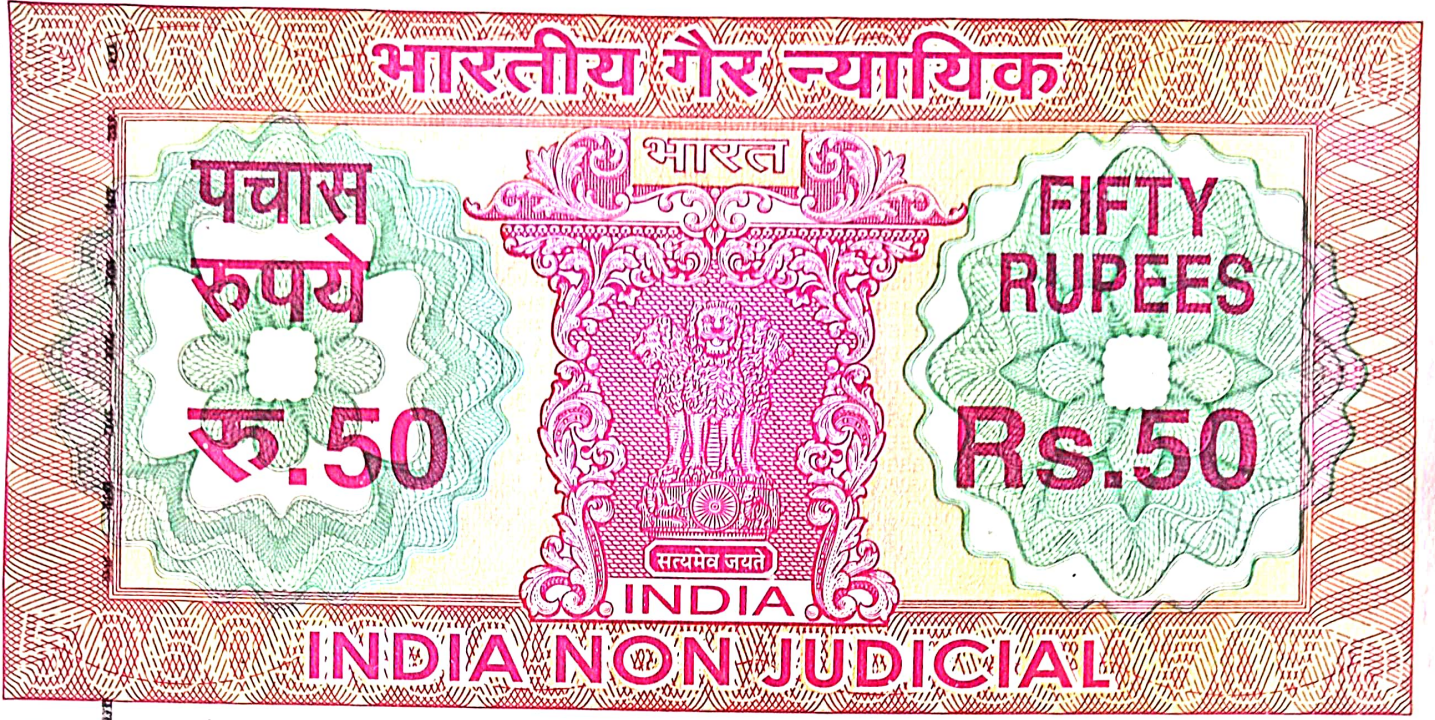
**WITNESS:**

Name: ..... *Sreejith S.K* .....

Signature: .....  .....

Name: ..... *Dr. Sujith T.A* .....

Signature: .....  .....



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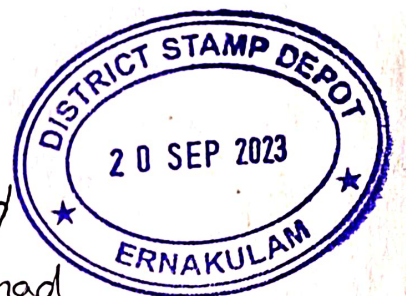
## Memorandum of Understanding

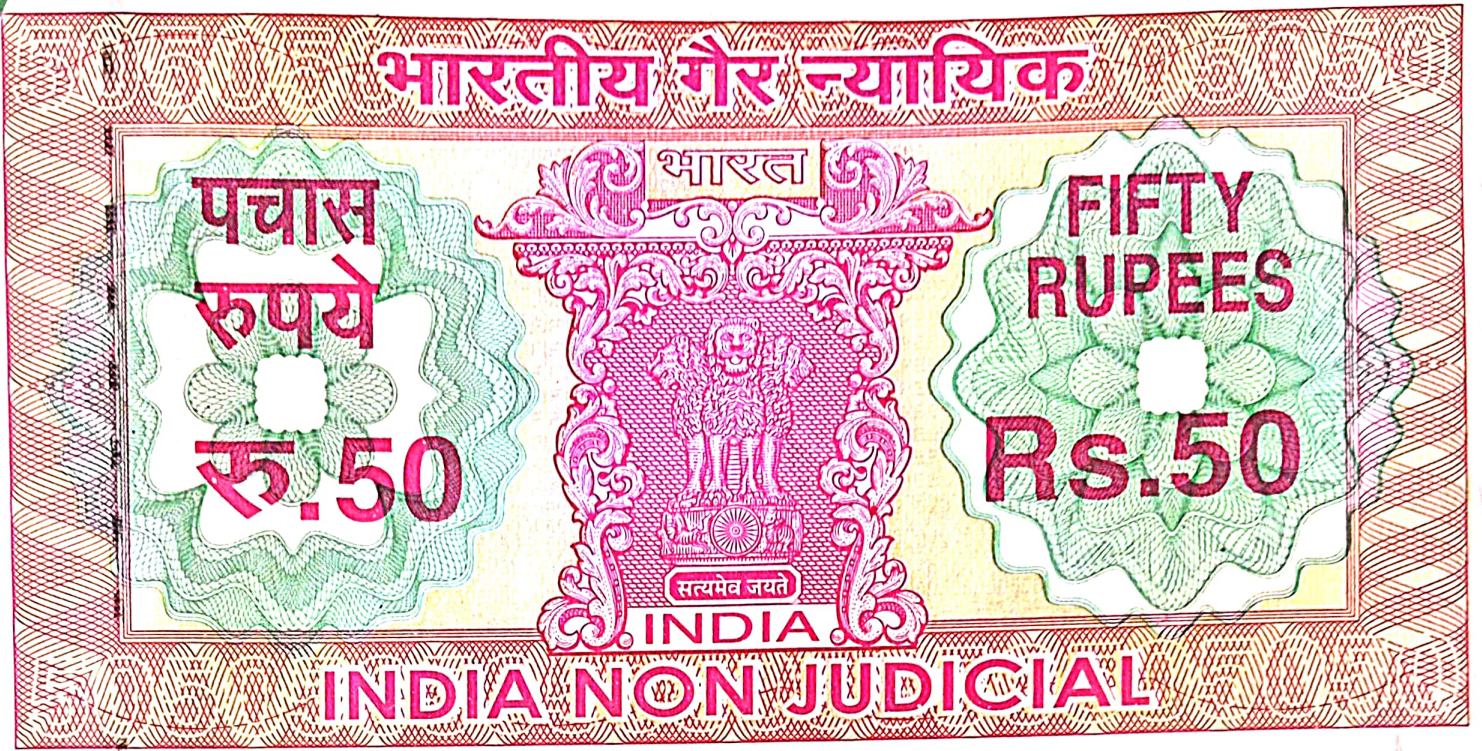
Avodha Edutech Private Limited formerly under Gebez Electric Private Limited is dedicated to providing e-learning courses to the freshers and conducting adjoining placement activities, currently based out of Carnival Infopark, Kakkanad we are working to skill India's youth and place them in domain-specific jobs. Avodha Edutech Private Limited would like to formally extend an offer of collaboration with your esteemed institution, the terms of the offer would be as follows;

1. Avodha Edutech Private Limited will extend its entire collection of job-ready courses to the students of your establishment at a subsidized fee of Rs 2800 (Inclusive of GST).
2. The rest of the fees will be collected in equal installments of Rs 5000, the first installment payable on the date at which the student joins in a domain-specific job placed via Avodha placement services, the second installment payable on completion of 30 days at the job.
3. The institution in question will not be liable in any way for fees collection and/or any other commercial dealings with the students.
4. The institution has not claimed any commissions and/or financial considerations of any kind neither from Avodha Edutech nor any of its officers and none shall be provided hence-forth;

Ats  
ATHIRA. M.A SL NO. 48560 DT. 25/9/2023  
STAMP VENDOR ₹ 50/- SOLD TO  
THRIKKAKARA

Joseph E George  
Avodha Edutech Pvt Ltd  
Carnival Infopark, Kakkanad.





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CR 313547

5. Avodha Edutech is bound on its discretion to conduct a Placement Drive on the campus of the aforementioned institution, Avodha will bring domain-specific employers for recruitment of skilled labor from the institution pertaining to the courses being offered by Avodha in the institution.
6. The Institution is requested to provide permission for the conduction of a seminar in its premises and to provide access to the students for a suitable amount of time, the topic for the session will be Career Guidance in the Post COVID age.
7. Avodha Edutech Private Limited will be solely responsible for any liabilities arising out of the aforementioned event and neither the institution nor any of its officers have any liability either directly or indirectly in this situation, furthermore, the process of training the students as well as placing them depends solely on Avodha Edutech Private Limited.

For and on behalf of  
KMEA Engineering College

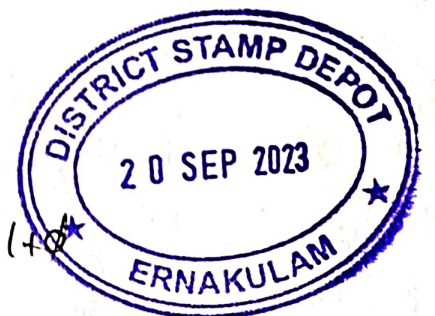
For and on behalf of  
Avodha Edutech Private Limited

Name : Dr. Amar Nishad T M  
Designation: Director  
KMEA Engineering College

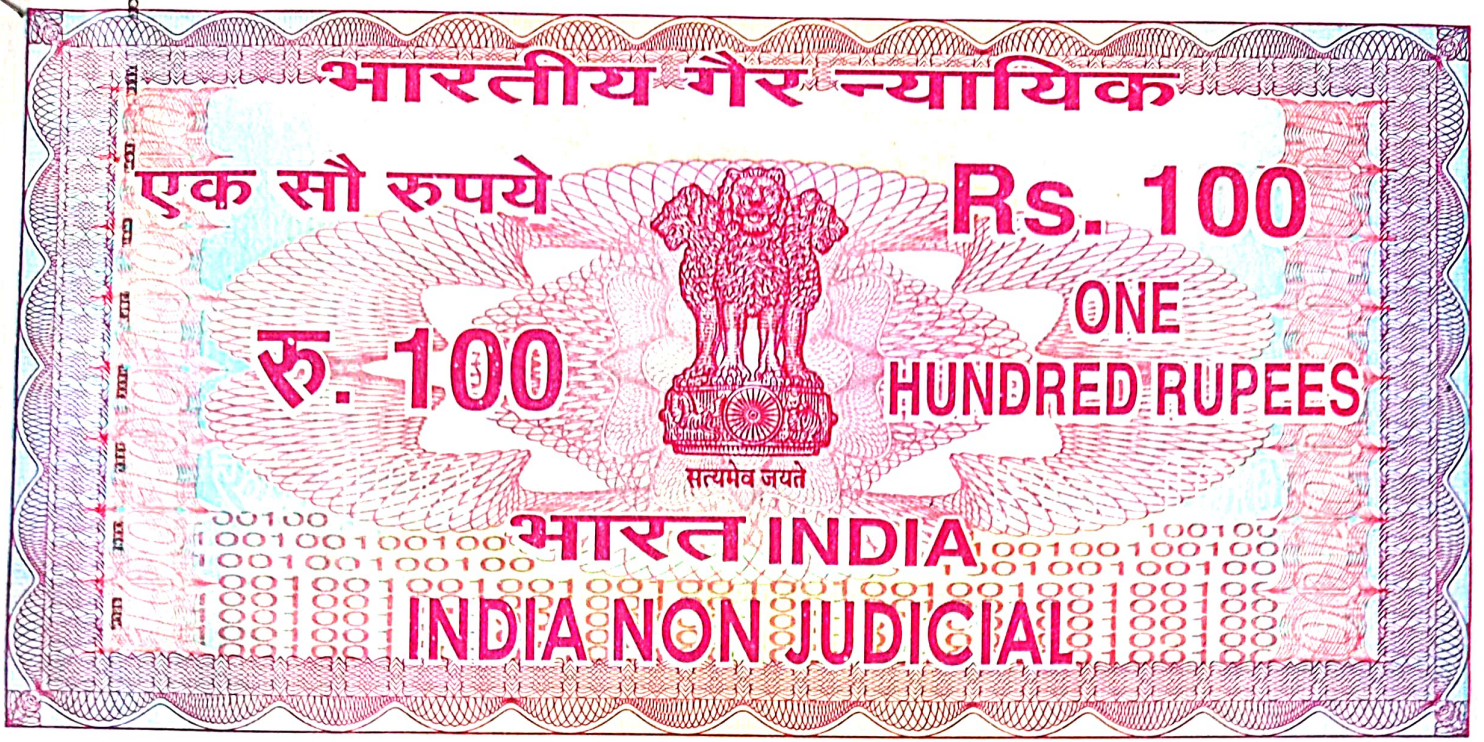
Name : Joseph E George  
Designation : Chief Executive Officer  
(CEO)

ATS 48559 DT. 25/9/2023  
ATHIRA, M.A SL NO. ....  
STAMP VENDOR ₹ 50/- SOLD TO .....  
THRIKKAKARA.....

Joseph E George  
Avodha Edutech Pvt Ltd  
Infopark, Kakkannad.  
carnival







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EA 019209

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Having its campus at KMFA Engineering College  
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DIRECTOR

Mr./Mrs. Dr. AMAR NISHAD T.M  
Which expression shall mean and include its successor in office and assigns.



: 368- RS-100-

14/2023.

Mohammed Sajin S.

Technical Director

ARCITE EDUCATIONAL SOLUTIONS PVT. LTD.

M.N. ARAVINDAKSHAN PILLAI  
VENDOR, KOLLAM

## **BENEFITS OF TRAINING FROM AUTHORIZED TRAINING CENTER - ARCITE**

1. Courses led by Autodesk, Bentley, CPD, Adobe, Microsoft, ISHRAE, ASNT certified authorized instructors.
2. Courseware are designed globally to meet global standards in the industry.
3. Students will get 25% discount from the normal fees for our prestigious Courses.
4. Immense support for the respective department in Internships, Placements and Self branding of students.
5. Training materials are scrutinized by global professional teams.
6. Original versions of software will be installed in the respective computer labs arranged for training.
7. Students will get International and National Credit points from the given International Certifications.
8. Department can highlight in Accreditation Programs and Marketing about the International training.
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.....03/10/2023..... (Date)



## TERMS & CONDITIONS

As per the discussions we had upon signing this Memorandum Of Understanding (MOU) between both the parties - the following conditions are to be satisfied by both parties for its successful implementation.

- As the official skill training partner, the first party will host free and paid technical workshops in the college with industry veterans.
- First party will arrange site trainings and industry expertise to the students from first year onwards.
- First party will provide students with training on sustainable engineering and green building concepts.
- First party will include second party's logo and description of second party in first party's website.
- First party will incorporate second party in National and International programs.
- First party will conduct Faculty Development Programs, Placement drives in association with second party.
- MOU signing ceremony will be conducted in a large scale event in the presence of Minister level political personality. (if MOU signed with College)
- On signing this Memorandum of Understanding (MOU) the second party agrees to provide the first party with necessary space to setup its classrooms and facilities. Seminar rooms with Projector facility shall be allotted upon request. The space allocated should be easily accessible to students.
- First party will install and maintain the training software's for training purpose.
- Will conduct a FDP in respective department for free of cost.



**For First Party**

Name: Mohammed Sajin S

Signature: .....  .....

Designation: ..... *Technical Director* .....

**For Second Party**

Name: ..... *D.T. AMAR NISHAD T.M* .....

Signature: .....  .....

Designation: ..... *DIRECTOR* .....

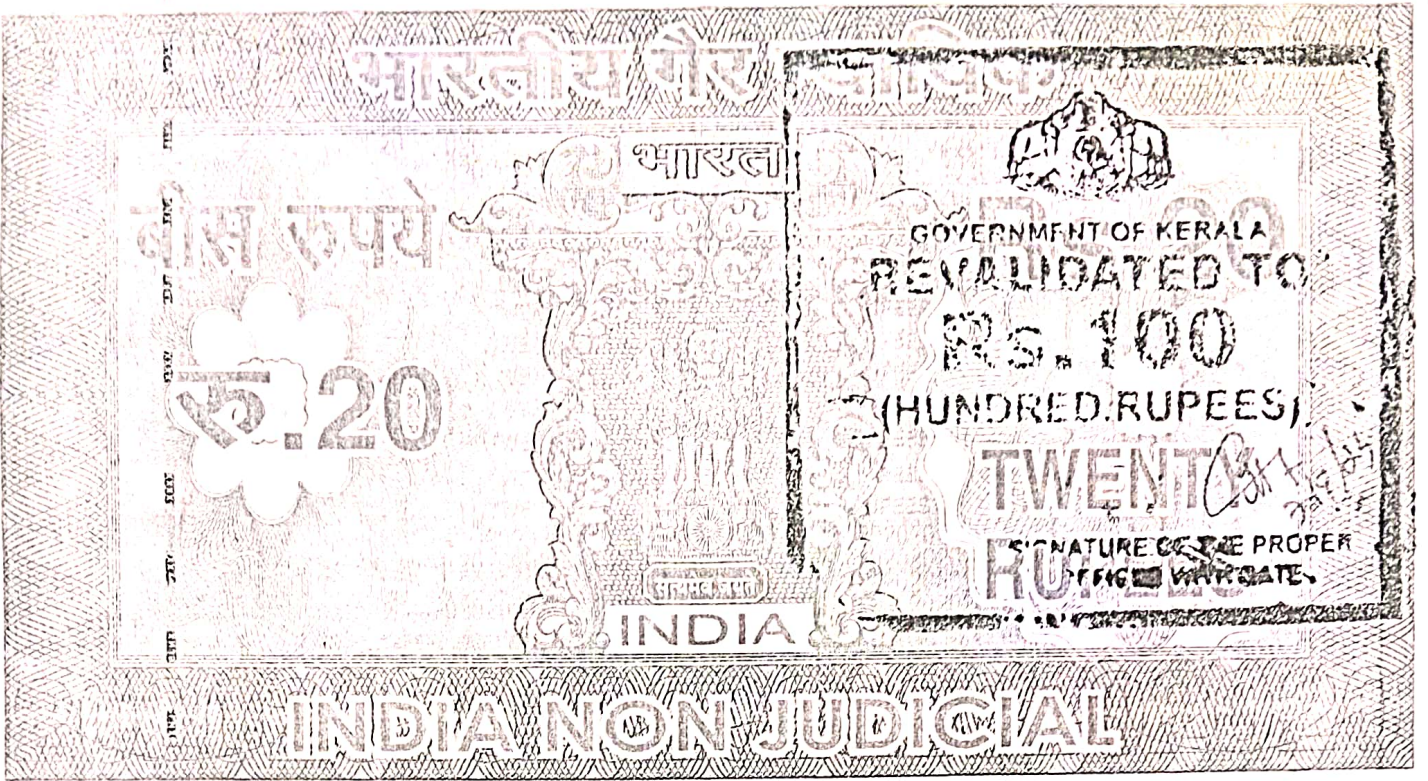
**WITNESS:**

Name: ..... *Sreejith S.K* .....

Signature: .....  .....

Name: ..... *Dr. Sujith T.A* .....

Signature: .....  .....



കേരളം കേരल KERALA  
MEMORANDUM OF UNDERSTANDING (MOU)

27AA 721298

KMEA ENGINEERING COLLEGE AND AUTOBONICS PVT LTD

This Memorandum of Understanding (MOU) is made between KMEA Engineering College, located at Kuzhivelippady, Edathala, Aluva- 683561, hereinafter referred to as "FIRST PARTY", and Autobonics Pvt Ltd, located at 2nd Floor, Venus Plaza, Chakkaraparambu, Vennala, Ernakulam, Kerala- 682028, hereinafter referred to as "SECOND PARTY"

WHEREAS, the FIRST PARTY is an educational institution offering various engineering courses to students, and the SECOND PARTY is a robotics and AI-based edtech startup, providing a wide range of project-based learning solutions, along with software and hardware services.

WHEREAS, the parties wish to form a partnership to provide programs such as robotics and project-based learning modules, and placement assistance to students, irrespective of their discipline, level, or year of study.

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No 12434 / 12-9-2024 2500  
*[Handwritten signature]* KMEA  
*[Handwritten signature]* 2024  
*[Handwritten signature]*

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11 SEP 2024  
*[Handwritten signature]*

4. **Special Privileges for Students:** As part of this MOU, the SECOND PARTY will offer students of the FIRST PARTY **10 free credits** and **one free class** on the 'bonic.ai' platform. These privileges are aimed at providing additional support and resources to enhance the learning experience of the students.
5. **Placement Assistance:** Offering placement support, including mock interviews, resume building, and job search strategies.

## RESPONSIBILITIES

### FIRST PARTY:

The FIRST PARTY will provide the necessary infrastructure and arrangements to facilitate the implementation of the programs and activities outlined in this MOU, including access to students, labs, and resources as needed.

- **Example of Resources:** This includes providing access to **robotics labs, computer labs, electronics labs, or any other relevant facilities** that would be necessary for conducting workshops, training sessions, and project work.

### SECOND PARTY:

The SECOND PARTY shall provide the AI-based project learning platform, organize workshops and training sessions, and ensure that students have access to project development tools. Expert guidance and mentorship will be offered **only if students opt for the expert sessions** provided by the SECOND PARTY. Students may avail of expert support by using the credits provided or purchasing additional credits on the platform.

- The SECOND PARTY will also be responsible for granting the special privileges (10 free credits and one free class) to students, as outlined above, under the terms of the 'bonic.ai' platform.

## CONFIDENTIALITY

Both parties agree to maintain the confidentiality of all proprietary information shared during the course of this collaboration. Neither party shall disclose any confidential information to third parties without the prior written consent of the other party.



NOW, THEREFORE, in consideration of the promises and mutual covenants contained herein, the parties agree as follows:

## PURPOSE

The purpose of this MOU is to establish a collaborative relationship between the FIRST PARTY and the SECOND PARTY for the benefit of students, with a focus on:

1. **Robotics and Project Workshops:** Offering expert-led workshops focusing on robotics, AI, software development, and hands-on project-based learning. These workshops will aim to enhance students' skills in robotics and other technological fields through practical, project-driven experiences.

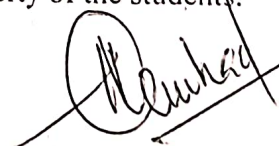
2. **Project-Based Learning through AI Platform:**

The SECOND PARTY will provide access to its AI-based platform, 'bonic.ai,' which enables students to undertake real-world, project-based learning across disciplines like Robotics, Artificial Intelligence, Electronics, Mechanical engineering, and software development. The platform emphasizes a learn-by-doing approach, fostering innovation and problem-solving skills through guided project creation.

- **Terms and Conditions of 'bonic.ai':** All projects undertaken as part of this collaboration will be governed by the terms and conditions outlined on the platform at <https://bonic.ai/terms-and-conditions>.

3. **Privacy Policy and Intellectual Property:**

- **Open Source by Default:** Projects created by students on the 'bonic.ai' platform will be open source by default. Neither the FIRST PARTY nor the SECOND PARTY will claim ownership over these projects.
- **Option for Private Projects:** Students may choose to make their projects private, in which case the intellectual property (IP) rights of the project will belong to the student(s) who created it.
- **Privacy Policy:** The privacy policy governing this collaboration and all data or project-related information will follow the guidelines specified at <https://bonic.ai/privacy-policy>.
- **Credits for Privacy:** Students can use the credits provided as part of this MOU (or any additional credits they purchase) to make their projects private. Once private, these projects will remain the exclusive property of the students.



## TERMS AND TERMINATION

This MOU shall remain in effect from the date of execution until terminated by either party. Either party may terminate this MOU by providing thirty (30) days' written notice to the other party.

## SUMMARY

This MOU constitutes the entire agreement between the FIRST PARTY and the SECOND PARTY and supersedes all prior agreements, whether written or oral, concerning the subject matter. Any modifications to this MOU must be made in writing and signed by both parties. All future agreements or collaborations between the parties will be governed by the terms of this MOU, which shall be annexed to any subsequent agreements.

## EFFECTIVE DATE AND SIGNATURE

This MOU shall be effective upon signature by both parties.

IN WITNESS WHEREOF, the parties have executed this agreement effective as of the day and year indicated by the last signature below.

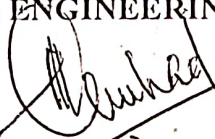
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For KMEA ENGINEERING COLLEGE

Signature:

Name:

Date: 22-10-2024

  
Dr. Amar Nishad

For Autobonics Pvt Ltd

Signature:

Name: SM Muhammed Azhar

Date: 22-10-2024

