



# NEWS @

# Issue 3 No.1 KMEA

## A Bi-yearly Newsletter of KMEA Engineering College, Kochi

The KMEA Engineering College is run and managed by the Kerala Muslim Educational Association (KMEA). It is dedicated to the memory of Sri. C.H. Mohammed Koya, a great leader, educationalist and a philosopher. The college is committed to provide high quality education at par with global education standards and a unique learning experience for all its students. The institute was established in the year 2002 and is situated at Kuzhivelipady, Ernakulam.

At present the College offers B.Tech degree in six Engineering subjects Civil, Mechanical, Electrical and Electronics, Electronics and Communication, Electronics and Instrumentation and Computer Science and Engineering. The College has M.Tech Programmes in Civil Engineering, Communication Engineering, Computer Science and Engineering and Power Electronics. The College is affiliated to Mahatma Gandhi University, Kottayam & Kerala Technological University, Thiruvananthapuram and approved by AICTE.

The College houses the first Electronics Incubation Centre, established by Govt. of Kerala in the new generation Engineering College to work as a nodal point in electronics engineering. It is a remote Centre of Indian Institute of Technology, Mumbai. The College has established INFINITY, the first mirror in Asia for TRISQUEL and the first MIRROR in South India for GNU.

### Our Vision

To develop the institute as a centre of excellence, from where skilled professionals and technologists of outstanding caliber will graduate year after year, dedicated to the betterment of deprived and the well-being of the Nation.

### Our Mission

We believe in the noble aim of empowering today's youth to face the challenges of tomorrow, by imparting training par-excellence and equipping them with the will and skill to be ideal role models in Society.



NCTACME' 17 Inaugurated by Shri. K. Mohammed Y. Saifurulla IAS, District Collector, Ernakulam



NCACCES'17 Inaugurated by Shri V.K. Ibrahim Kunju MLA, the former Industries and PWD Minister

### Kerala Muslim Educational Association

#### President

**Jb. Syed Basheer Ali Shihab Thangal**

#### General Secretary

**Mr. Riaz Ahmed**

#### Treasurer

**Mr. H. E. Muhammed Babu Sait**

### Engg. College Management Committee

**Mr. V. K. Ebrahim Kunju, MLA (Chairman)**

**Adv. K. A. Jaleel (Secretary)**

**Adv. P. A. Abdul Majeed Parakkadan**

**Mr. N. K. Nazar**

**Mr. V. S. Abdul Rahiman**

**Adv. P. M. A. Kalam**

**Mr. M. P. Abdul Khader**

**Mr. N. M. Sharafudeen**

**Mr. Akbar Badusha**

**Mr. P. K. Jaleel**

**Mr. A. Basheer**

**Director & Principal : Dr. T. M. Amar Nishad**

**Vice Principal : Dr. Rekha Lakshmanan**

### NCTACME' 17

The National Conference on Technological Advancements in Civil and Mechanical Engineering (NCTACME' 17) organized by the departments of Civil and Mechanical Engineering was conducted on 17th and 18th March 2017 at the college. The conference was inaugurated by Shri K Mohammed Y Saifurulla IAS, District Collector, Ernakulam on 17th March, 2017. He delivered an inspiring talk on the role of technology in different aspects of life and its social commitments and released the conference proceedings. Dr. P.S. Sreejith, Dean (Faculty of Engineering), CUSAT delivered the Keynote address and released the CD of conference proceedings. The second day of the NCTACME'17 started with a Technical talk on 'Hazardous Waste Management in Industry' by Dr. G. Madhu, Professor, Division of Safety and Fire Engineering, CUSAT. He discussed the different aspects like definition of Hazardous waste, how they are generated and how they can be treated effectively. Various research scholars and students from civil and mechanical engineering attended the conference.

### NCACCES' 17

Circuit branches of the college jointly organised a National Conference on 'Advanced Computing, Communication and Electrical systems (NCACCES'17) on 24th & 25th March 2017. The major objective of the conference was to provide a precise platform for students, researchers, academicians and people from industry to present and discuss most recent innovations trends and practical challenges in advanced computing, communication instrumentation & electrical systems. Sri V.K Ibrahim Kunju MLA, the former Industries and PWD Minister inaugurated the conference on 24th March 2017. Eminent personalities like Dr. P. Abraham Mathew from NIT Calicut, Dr. Anand Kumar from Amritha Institute of Science and Engg Coimbatore were present the occasion. Scientist from ISRO, Professors from various institutions outside the state like Tamilnadu, Karnataka presented papers. There were 7 sessions and all the selected papers were published in "International Journal of Innovative Research in Science, Engineering & Technology, IJIRSET". Awards were presented to authors of the best paper.



## College Activities

### Career Guidance Programme by Education & Career Expert, Prof. B.S. Warriar



A three hour talk by Education & Career Expert Prof. B.S. Warriar was conducted for plus two students and parents at the college campus. In the session he covered the aspects of general guidance and special guidance focusing on engineering. He talked about the different courses available after 12<sup>th</sup>, how to select a course and institution, adolescent psychology, different entrance examinations, long range planning for job search and the contents, opportunities and scope for each branch of engineering. It was followed by a hands-on workshop for the students in their area of interest by our faculties and students.

### Awareness Programme on Engineering and Employability for the +2 students

An Awareness Programme on Engineering and Employability was conducted by the college from December 2016 to March 2017. The programme was a combination of seminars and workshops aimed to spread awareness about the different realms of engineering, the various career opportunities and the applications of the different engineering streams. This awareness program was designed so as to provide a dual message:

1. the importance of technology in our everyday lives, and
2. the importance of engineering education and career preparation.

The programme was conducted in two phases. In the first phase senior faculty members of the college attended 25 schools and conducted a 2 hour presentation of insights into modern career choices available after +2. This was followed by a presentation to acquaint the students with the latest advancements in the different engineering streams around the world and the ocean of opportunities awaiting those in the engineering technological domain. During the second phase, the students from various schools were brought to the college campus.

Each department conducted workshops related to their area of discipline.

- Computer Science and Engineering Department gave a hands on workshop on Game Development and Android Application Development.

- Electronics and Communication Engineering Department provided a workshop on Development of a circuit on the Printed Circuit Board and gave a demonstration on the different types of Antennas used for Communication .
- Electronics and Instrumentation Engineering Department gave a hands on session on PC Based Instrumentation.
- Electrical and Electronics Engineering on Home wiring circuit in conduit system and Design and Setup of a Simple LED Emergency Light.
- Civil Engineering Department on 3D modelling in Revit and Demonstration of Field equipments.
- Mechanical Engineering Department on Computer Aided Design (CAD), Robotic workshop, On Wheels and Exhibition of live projects.

Students were given the facility to visit all our Lab facilities, Library and Workshop Complex in the campus. A total of 341 students attended these programs.

### Workshops for UNARV project students

UNARV Project students were brought to the college on 29th January 2017 and they were given both Phase 1 (Talk by Senior Faculty Members) and Phase 2 (Workshop) together in a day. 125 students actively participated in this program.



Technical Workshops for School Students

### Congratulations!!!

Congratulations to Dr. Reena Sebastian, HOD, Electrical and Electronics Engineering, for acquiring her Ph. D in Micro Electro Mechanical Systems from Karpagam University under the guidance of Dr. N. J. R. Muniraj, Principal, Tejaa Shakthi Institute of Technology for Women, Coimbatore, in February 2017.



## College Activities

### Tech Fest – Kapricious' 17

Kapricious' 17 justifying the meaning - 'An Unpredictable Change of Technology was held at college campus on 13th and 14th of March 2017. It is the unified techno-managerial symposium of the college. Kapricious conceives as our pursuit to fulfil the obligations we have as engineers towards the society. It caters to the need of the hour with themes on issues most relevant in our society.

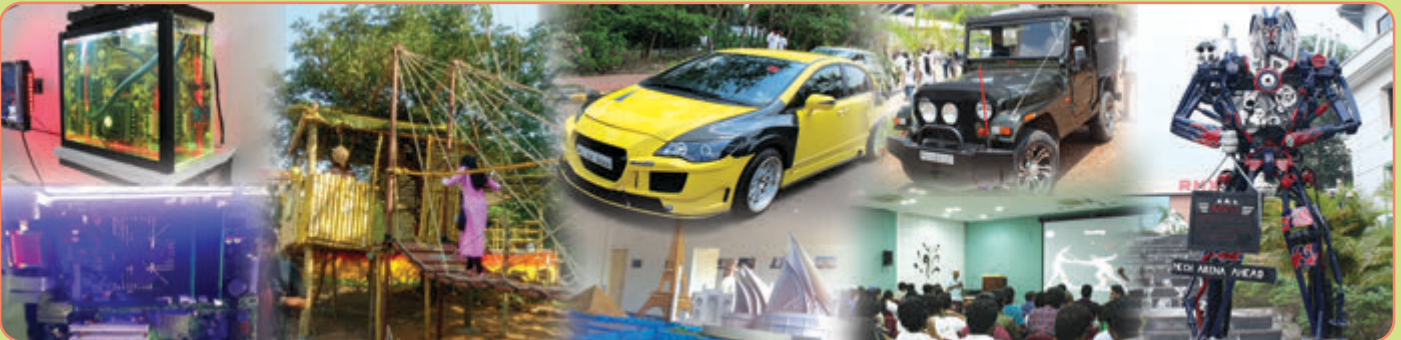
On 21st February 2017, the launch of logo and website gave full energy for the works of techno-managerial and cultural fest. Logo of Kapricious' 17 was launched by Adv. Abdul Majeed Parakkadan, Secretary KMEA Engineering college. The official website of Kapricious' 17 was launched by Director and the teaser and countdown for Kapricious was launched by Principal.



Technical events of Kapricious' 17 inaugurated by Dr. K.N. Raghavan, IRS



Cultural events of Kapricious' 17 inaugurated by Cine Artist Mr. Tini Tom



The closing ceremony and valedictory function was presided by Former Cricket Player S. Sreeshanth and G. Marthandan, Film Director. Kapricious' 17 had about 30 events with prize money worth 5 lakhs and above. The event was a great success with participation from about 50 colleges in and around Kerala bringing in about 400 student participants and almost 2000 visitors.



## College Activities

### Alumni Reunion 2017

The Alumni Reunion 2017 was conducted on 28th January 2017 at college campus. The occasion was graced by many important personalities and the Alumni members ranging across various batches passed out from 2006 onwards. About 158 Alumni from various branch of study participated in the function with their family members. Various cultural programmes performed by the final year students and the Alumni's Kids programmes were the centre of attraction. There were other events like "best couple", "gift wrapping" in which Alumni and their family members jointly participated. Alumni members shared their feedbacks and nostalgic memories about their golden days in the college.



### ECO Club Inauguration

ECO club activities of the college was inaugurated on 21st February 2017 by Smt. Asha Sanil, District Panchayath President, Thrikkakara by planting a sapling. The main activity of ECO club is organic farming. The seedlings and saplings for the same are donated by Indian Bank, Palarivattom. KMEA secretary Adv. Abdul Majeed Parakkadan, Director, Principal, Indian Bank Chief Manager Mr. Santhosh Kumar, Branch Manager Smt. Shanti K.R., District Panchayath Member Smt. Rasiya, ECO club coordinator Prof. Abitha Abbas and the ECO club members of KMEA family were present during the inauguration.



### Farewell to Dr. T.K.Mani



The management and staff members of the college organized a farewell party on 4th May 2017 in the college premises to Principal Dr. T.K. Mani. Though there was an aura of euphoria and exhilaration, it was tinged with an air of sadness and despair when each one took the stage to express their feelings about Dr. T.K. Mani. A token of love and appreciation was given to Principal by the management members of KMEA.

### Leaders' Club Inauguration

Leaders' club activities of the college was inaugurated on 28th February 2017 by Dr. K.P. Ouseph (IFS). The club activities are establishing a clear vision, sharing that vision with others and methods to realize that vision. It also includes group discussion, team building, improving inter personal skills etc.



### ISTE Workshop

IIT Kharagpur organised a workshop on "CMOS, Mixed Signal And Radio Frequency VLSI Design" for the faculty members of the departments of ECE, CSE, EEE, EJE and Physics. The workshop was funded by the 'National Mission on Education through ICT', MHRD, Govt of India. Thirty six participants registered for the event out of which three were external participants.





# Department Activities conducted under Technology Empowerment Programme Cell

## Department of Computer Science & Engineering

### Workshop on Android Application Development

A One day workshop on Android application development for S6 CSE students was organized by Radhika G., Shabnam Abbas and Nurain Rasheed of S8 CSE. The workshop was aimed to provide knowledge about Android platform for mobile devices and for developing various Android applications. The session started with a presentation on Android Platform for Mobile Application Development which gave an introduction about the Android platform, dealing with its history, features and versions. Then, the working environment for the Android was explained along with the setup procedures of Eclipse and Android SDK Manager for Android Application Development. They also discussed the various steps for creating Android Application and explained the basic UI controls in Android. The applications developed during the hands on session were:

- Application having simple UI controls.
- Application having all the basic features in Android.
- Camera Application
- Call Application



### Hands-on Workshop on Game Development

Mr. Ajmal Ahsan, S8 CSE gave the S2 CSE students an idea on game development through a one day hands-on session. The working model of game development compiler developed by him was also demonstrated. He showed how various games can be worked on the same compiler with slight modification.



## Department of Electronics & Instrumentation Engineering

### KOMRONG

The department conducted a competition for the best live project presentation "KOMRONG" on March 13th 2017, as a part of Kapricious' 17. The event was coordinated by Prof. Afsal Umar. 5 teams registered and participated in the competition. The projects are

- 1) Smart helmet by Azhar and Syed
- 2) Distillation column by Mithun, Akash and Anfal
- 3) Driver drowsiness detection by Shebin, Arjun and Sanoob
- 4) Fingerprint sensor by Ashique, Jasir and Shyrin
- 5) Product sorting by Rasheem, Nikitha and Saheer

The first prize was shared by two teams i.e Smart helmet and Distillation column.



## Department of Electronics & Communication Engineering

### Seminar on EMI/EMC

A seminar for presenting an idea about Electro Magnetic Interference / Electro Magnetic Compatibility, which is essential for Electronic Product Design, was organized by the department for the M.Tech students in Communication Engineering on 23rd February 2017. The sessions were handled by Prof. Smitha K.M., ECE department.

### ASAP (Additional Skill Acquisition Programme)

For the last three years, the college is a part of Kerala Government Additional Skill Acquisition Programme. This year the Electronics and Communication department have conducted the 'CCTV installation technician' programme which was inaugurated on 5th April, 2017 by Dr. V.P. Devassia, Additional Director, IHRD. The course is for higher secondary students of Government institutions during their vacation for a period of two months. This programme aims to enable the students in developing a career in CCTV installation, assembling and servicing. The programme also aims to improve their communication abilities and soft skills of the participants.





# Department Activities conducted under Technology Empowerment Programme Cell

## Department of Electrical & Electronics Engineering

### Workshop on HVAC & MEP

A one day workshop on High Voltage AC and MEP (Mechanical, Electrical and Plumbing) foundation course was conducted under the TEP Cell, on 10th April 2017. The session was handled by Mr. Bin Peter, Managing Director, Pearls Institute, Muvattupuzha. The students got a clear cut idea about the importance of HVAC-MEP courses and the job opportunities in the corresponding field. The workshop progressed through some demonstrations and practical examples.



## Department of Civil Engineering

### Awareness Programme

A programme on Revit Architecture by Autodesk was conducted on 17th February 2017 for S4 students of the department. It helped to create an awareness among the students about the different applications of this software such as designing a structure and its components in 3D, annotate the model with 2D drafting elements, and access building information from the building model's database.

### CADD Training Programme

The S6 & S8 students of the department participated in training programme on Civil CADD conducted on 20th February 2017. The sessions were handled by Mr. Mohammed Sabeer, Trainer, CADD Centre, Edappally. The programme was intended to train the students on AutoCAD. The students were familiarised with the most modern techniques and fields in which CADD can be adopted and utilized.

### Motivational Class

A motivational class was conducted by Mr. Manikandan, former student of KMEA on 13th February 2017 to enlighten about various job opportunities for Graduates in India and abroad. They were equipped with the knowledge of different Post-Graduation courses. Skills of winning competitive examinations were also highlighted in the session.



## Department of Mechanical Engineering

### Workshop on "MEP and QA/QC"

A technical workshop on "MEP and QA/QC" was organized in the college for final year Mechanical Engineering students on 18th April 2017 at conference hall from 2 pm to 4 pm under the technological empowerment cell. The symposium included two events and was conducted by the Director, United NDT and inspection center Mr. Nazar.

The sessions on MEP and QA/QC comprised of 1 hour each and were participated by 100 students. Last 10 minutes was set aside for interaction between the session chair and the students who were free to ask questions.



### Aquatic Weed Harvester

"Payale vida (good bye weed)....." are the lines known by Malayalis from an advertisement of a paint company. Here a group of students are pledging goodbye not only to weeds, but also to water hyacinths. These young guns have emerged from our College. As part of their last semester project, a group of 8 students decided to fabricate an aquatic weed harvesting machine. The vision led by Mechanical Engineering Professor Sabith Umer along with his fellow compatriots Muhammed Rashid, Muhammad Abdul Rahman, Mohammed Azharudhin, Mohammed Hafiz, Muhammed Safwan, P N. Muhammed Nasruddeen, Ajith Kumar and Rahul A. who are behind this endeavour. All the useful substances in water and aquatic animals' life are under threat because of weeds and water hyacinths, due to this scenario they have decided to venture this project. About 300kg of weed can be collected from water bodies by the fabricated machine by an operation of 1 hr. This implies that for 8 hrs operation of the machine 2.5 tonne weed or waste can be collected from a water body. Only 6 litres of petrol and one person is required to operate this machine.



## Sad demise



We are deeply grieved by the sad demise of Paul Wilson (19), student of S2 CSE, on 2nd May 2017. The entire KMEA family is deeply grieved and joins the bereaved family in their sorrow.



## Publications

- **Ms. Sreeja K., Ms. Soni Syed., Civil Engg Department** - "Comparative Study on CFRP Strengthened Deep Beam by Finite Element Method", International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056, Vol 03, Issue 08, Aug 2016, p-ISSN: 2395-0072.
- **Mr. Remees A.M., Civil Engg Department., Mr. Rajesh A.K., Dept. of Civil Engineering, ILAHIA College of Engineering** - "Study on the Elastic behaviour of M50 mix GFRSCC under axial Compression in confined and unconfined state", International Journal of Research in Advent Technology, Vol 4, No.1, Jan 2016, E-ISSN: 2321-9637.
- **Ms. Raiza Ashrawi M.A., Ms. Sunitha Rani C.M., Civil Engg Department., Dr. Smitha K. K., Dept. of Naval Architecture and Ship Building, SNGCE** - "Finite Element Analysis Of Corrugated Web Beam", International Conference on Recent Trends in Engineering & Technology (ICoRTET 2016), 3 - 5th Oct 2016, Kochi.
- **Ms. Lemya Musthafa., Ms. Sunitha Rani C.M., Civil Engg Department., Dr. Smitha K. K., Dept. of Naval Architecture and Ship Building, SNGCE** - "Non-linear finite element analysis of rectangular concrete filled steel tubes", International Conference on Recent Trends in Engineering & Technology (ICoRTET 2016), 3 - 5th Oct 2016, Kochi.
- **Ms. Jeenu Mary Victor., Ms. Soni Syed., Civil Engg Department** - "Analytical study on strengthening of waffle slab with opening using CFRP sheets and ribs", International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, Vol 03, Issue 05, May 2016, p-ISSN: 2395-0072.
- **Ms. Rekha Lakshmanan., Computer Science and Engineering Department., Ms. Shiji T.P., Ms. Suma Mariam Jacob, Ms. Thara Pratab, Ms. Chinchu Thomas and Mr. Vinu Thomas**, "Detection of Architectural Distortion in mammograms using geometrical properties of thinned edge structures, Intelligent Automation & Soft Computing Journal" (Autosoft Journal), published by Taylor and Francis.
- **Ms. Rameeza M. Ashraf and Ms. Veena K.Viswam., Computer Science and Engineering Department** - "A Fast Copy-Move Forgery Detection Scheme Using Patch - Based Descriptors", International Journal of Advanced Research in Computer Science and Software Engineering 3 (4), Jan 2016, pp. 1-6.
- **Ms. Farsana N U., Ms. Selin M., Computer Science and Engineering Department** - "A Survey on Face Spoofing Detection", International Journal of Science and Research (IJSR), Index Copernicus Value (2013): 6.14 | Impact Factor (2014): 5.611, ISSN (Online): 2319-7064.
- **Ms. Neha Beegam P E., Ms. Sunena Aboobakar., Computer Science and Engineering Department** - "Survey on Edge Preserving Decomposition based Single Image Haze Removal", International Journal of science and research, Volume 5, Issue 8, Aug 2016.
- **Ms. Asha Raj., Ms. Abeera VP., Computer Science and Engineering Department** - "A Survey on Participatory Sensing Systems", International Journal of Science and Research (IJSR), Volume 5, Issue 6, Aug 2016.
- **Ms. Aparna C. Bhadran., Ms. Maria Joy., Computer Science and Engineering Department** - "A Survey on IP Traceback Mechanisms", International Journal of Science and Research (IJSR), Volume 5, Issue 8, Aug 2016.
- **Ms. Reshma Chitharanjan., Ms. Smitha K. M., Electronics and Communication Engineering Department** - "Doppler Compensation and Singular Value Decomposition in OFDM Based Aeronautical Communication", International Journal of Science, Technology and Engineering, Volume 3, Issue 3, Sept 2016.
- **Ms. Shilpa Unnikrishnan., Ms. Ansiya Eshack., Electronics and Communication Engineering Department** - "Face Spoof Detection Using Image Distortion Analysis and Image Quality Assessment", IEEE International Conference on Emerging Technological Trends (ICETT) 2016.
- **Ms. Ansiya Eshack., Mr. S.Krishnakumar., Electronics and Communication Engineering Department** - "Pipelining Concept for Low Power DES Implementation", International Journal of Computer Applications Technology and Research, Volume 5, Issue 10, 654-656, 2016, ISSN:2319-8656.
- **Ms. Jishamol T. R., Ms. Bushara A. R., Electronics and Communication Engineering Department** - "Enhancement of Uplink Achievable Rate and Power Allocation in LTE-Advanced Network Systems", International Journal of Science, Technology and Engineering, Volume 3, Issue 3, Sept 2016.
- **Ms. Ansila V.M., Ms. Selin M., Computer Science and Engineering Department** - "Video and Image Recapture Detection based on Edge Profiles and Color Moments", International Journal of Innovative Research in Science, Engineering and Technology, Volume 6, Special Issue 5, March 2017.
- **Ms. Fasma T.A., Dr. Rekha Lakshmanan, Computer Science and Engineering Department** - "An Approach for Pre- processing Mammogram for Early Breast Cancer Detection", International Journal of Innovative Research in Science, Engineering and Technology, Volume 6, Special Issue 5, March 2017.
- **Ms. Fasma T.A., Dr. Rekha Lakshmanan, Computer Science and Engineering Department** - "A Survey on Signature Verification", International Journal of Innovative Research in Science, Engineering and Technology, Volume 6, Special Issue 5, March 2017.
- **Ms. Shameema Umer M.T., Ms. Sheena Kurian K., Computer Science and Engineering Department** - "Local K-Nearest Neighbors Model using Z-Order R-Tree for Big Data ", International Journal of Innovative Research in Science, Engineering and Technology, Volume 6, Special Issue 5, March 2017.
- **Ms. Athency Antony, Ms. Ancy Brigit M.A., Ms. Fathima K.A., Mr. Dilin Raju, Mr. Binish M.C., Electronics and Communication Engineering Department** - "Brain Tumor Detection and Classification in MRI Images", International Journal of Innovative Research in Science, Engineering and Technology, Vol. 06, Special Issue 04, March 2017.
- **Ms. Jishamol T. R., Ms. Bushara A. R., Electronics and Communication Engineering Department** - "Enhancement of Uplink Achievable Rate and Power



# Career Guidance and Placement Unit Activities

## Career Guidance Programmes

- The Enrich Civil Service Academy: They conducted an Orientation class titled "Chat with an IPS Officer" which gave an awareness about Indian Civil Service and was presented by SAFEER KARIM IPS, on 14th January 2017. The programme was for both students and staffs. This academy is a group of experienced and dedicated professionals ready to equip young men and women of Kerala to meet the challenges of Civil Service Examination and enable them to secure high position at the national level.
- Clado Solutions: In association with Clado solutions, live internship programme for RHCE candidates was provided on 2nd February 2017. It included Cpanel training, live ticketing system, database management, remote server administration, mail server etc. This programme helped students to understand the industrial requirement and how to get a better career.
- Career Fit360 Degree: A career guidance training programme was arranged for all final year students on "Presentation Skills & about LinkedIn profile - Employer's perspective" taken by Mr Paul Francis on 28th February 2017.
- ORACLE Academy Virtual Student Data: The event offered our students speeches of inspirational speakers who shared technology trends as well as their personal career journey through IT industry. Oracle Academy organized this virtual student day on March 24th 2017 at the college campus. The event provided the students a unique opportunity to know about topics like Big Data, Cloud Computing & Internet of Things, and career options in the field of Computer Science. Students could learn about the skills needed, accessible learning paths, career journeys taken by employees currently in the industry, and certifications available to help students be ready to achieve a modern career overview of Big Data, Cloud, and Internet of Things, gain industry knowledge, learn about latest technology trends.
- Schemazen Technologies Pvt Ltd: A technical talk session was conducted for all electrical and electronics students on

"Career Options in Electronics Industry across Globe" on 22nd March 2017. The seminar was concentrated in major areas like growth of Electronics Industry, & change in Technology, reason for shrinking of Electronics, over all flow of the Product design from its concept, block diagram, component selection, package selection, PCB concepts, PCB fabrication, assembling, Board bring-up, software porting, Proto type testing, DFM, DFT, Supply chain management.

## Mock online test

GATE mock online test was conducted for all the students who registered for GATE exam. The exam was conducted in association with T.I.M.E, and offered an opportunity to the students to have a real feel of the GATE exam prior to the actual exam.

## Placement Training

- Monsterindia.com conducted an aptitude online assessment test for all students 19th January 2017.
- Conducted another placement training programmes for students in association with Careerfit360 degree. This session taken by Mr. Paul Francis who has more than 27 years of experience in this field. He took one session for communicative skills, interview skills and Group Discussion.

## Campus Placements

For the academic year of 2016-17 we could cross above 90% of placements for B.Tech students. The placement season saw an overwhelming response from companies spanning across various functions such as IT, Non IT, Consulting, Finance, Sales and Marketing, Operations etc. Already 35 companies have done placement drives for our current final year students including on campus and off campus. We Expect more companies shall be participating in the placement drive for 2016-17 batch till the calendar year that means they can attend any drive even after they passed out from campus. The names of few companies of this year are Amazon.com, Byju's learning app, Oppo, Sutherland, Spectrum, ATEES Infomedia Pvt Ltd, Accenta Education, Muziris Softech, CSS, TechMahindra (BSG), New Indian Express, Fino Paytech, Key value systems etc. We would like to express our sincere gratitude towards all our recruiters.

## Our Top Recruiters





## Entrepreneurship Development Club Activities

### Orientation Programme on Digital Marketing

Innovation and Entrepreneurship Development Center (IEDC) of the college organized a one day orientation programme on "DIGITAL MARKETING" on 8th March 2017 in association with the National Institute for Entrepreneurship and Small Business Development (NIESBUD) under Govt. of India. The programme discussed the following contents:

- website development for digital marketing
- social media optimization
- brand building
- e-mail marketing
- online funding
- mobile marketing
- earn online, etc.

### 'ACE EMPRESSARIO', the Best Manager Competition

The college IEDC hosted "Ace Empressario" in association with Kerala Startup Mission (KSUM) on 13th March 2017 at the campus. This event was a perfect platform for students, to exhibit their managerial powers and entrepreneurial skills through six rounds of the competition. Total 18 students from various engineering and management colleges across the state participated and prizes

worth 10K was distributed. The chief guest and judge of the program was Mr. Bansan Thomas George, the Co-Founder & CEO of Synergen Consultants. He is also the Chief Mentor of Rise High and the Director-Operations of Zoooyi Communications, Pvt. Ltd. Mr. Agrim Prakash of Sahradaya College of Advanced Studies, Kodakara won the award for best manager.



## National Service Scheme Activities

The aim of National Service Scheme (NSS) is to "inculcate the social welfare thoughts in the students, and to provide service to the society without any prejudice". NSS volunteers work hard day and night to ensure that every one in our society who is needy gets the every possible help from them so that they can also enhance their standards and lead a life of dignity in the society with all of us. The college NSS Unit No. 226 is under the Directorate of Technical Education (Technical Cell) and is following the path lead by NSS Programme Officer, Prof. Akhil Ramesh.

### Republic Day Celebration



The 68th Republic Day was celebrated on 26th January 2017 at the college campus. The students took pride in glorifying and celebrating the spirit of unity and brotherhood.

### Vittiya Saksharatha Abhiyan

In connection with Indian Government 'VITTIYA SAKSHARATHA ABHIYAN', NSS unit of the college conducted an awareness seminar about digital money transaction, E-valet systems, etc. on 26th January 2017. The seminar was conducted by Adil Bin Salim (Joint male volunteer secretary).



### World Wild Life Day Celebration

National Service Scheme of the college celebrated the World Wild Life day on 3rd March 2017. As part of it, under the leadership of Programme Officer Prof. Akhil Ramesh, the faculty members Prof. Ferguson Aissac Fredric, Prof. Veena K. Viswam, Prof. Sunena Aboobacker and the volunteer secretaries, the NSS unit distributed over 150 tree saplings to nearby professional colleges and schools.



### Congratulations!!!

Congratulations to Prof. Akhil Ramesh and NSS student volunteers for receiving Certificate of Excellence from Dr. Abdul Rahman (Pro Vice Chancellor, KTU) on 11th March 2017 at Govt. Engineering College, Thrissur, for the successful completion of Punarjani 2016, conducted as part of NSS activities.





## National Service Scheme Activities

### Women's Day Celebration

NSS unit of the college celebrated the World Women's day on 8th March 2017 with great respect to womanhood. NSS volunteer presented a street play on the college campus and Marine Drive, Kochi to convey message of Women's safety. The programme was monitored by Programme Officer Prof. Akhil Ramesh, Prof. Ferguson Aissac Fredic, Adil Bin Salim and Arun Anand.



### Punarjani 2016-17

After the great success of Punarjani 2016, the college NSS unit has once again taken the 'Punarjani' project at Government Medical College, Ernakulam. The project was conducted in a three day special minicamp. On 24th March 2017, Smt. Mumthas teacher, Vazhakkulam Block Panchayath President inaugurated the camp. The Punarjani work was started on 25th March 2017. The project was officially inaugurated by Dr. Renu Raj IAS, Asst. Collector Ernakulam. The project turned as a grand success by the sincere effort and commitment of Program Officer Prof. Akhil Ramesh and the volunteer secretaries Suhail Nazar, Anupama K., Adil Bin Salim and Irfana K.E. Over 250 equipments worth 11 lakh rupees was renovated through the hard work of volunteers.



## Pain & Palliative Care Unit Activities

The Pain and Palliative Care unit of the college have gone miles ahead by their active efforts in taking care of the terminally ill patients. The volunteers have identified a large no of patients living in the city and its premises. With its home care activity, the students make sure that they visit the patients once in a week and provide assistance in medication and dressing their wounds. These efforts put in by the volunteers is highly appreciated by the medical community. The unit distributed wheel chairs to four paraplegic patients in the month of January - March 2017 in presence of Jb. V. K. Ibrahim Kunju, MLA and District Panchayat Member Mrs. Resia Rahmath. The unit is under the effective guidance of Prof. Sabith Ummer of ME Department.



Wheel chair distribution by Jb. V.K. Ibrahim Kunju, MLA

### Longest Live Caricature Drawing Show

As part of Kapricious' 17, the NSS and the Pain & Palliative Care unit of the college jointly organized and conducted a live Caricature Show. The famous cartoonist Mr. Ibrahim Badusha, commonly known as 'Cartoon Man' drew 656 caricatures in 13 hour 20 minutes and added his name to Limca Book of World Records.



Prof. Sabith Ummer, ME department addressing the gathering of 24th International Conference of Indian Association of Palliative Care held at Coimbatore.



# Sports Activities & Achievements

The Physical Education Department of the college is responsible for the management and development of sports facilities, services and programmes for students and the college community.

## AHAS 2K17

The intercollegiate sports tournament "AHAS" was hosted by the physical education department of the college in April 2017. More than thirty six teams from different parts of the state participated. The tournament proceeded with various events lined up for five days such as football, cricket, kho-kho, badminton and volleyball that showcased the sports at all levels. Principal Dr. T.K. Mani distributed the trophies to the winners.



Abdullah Haji Ahmed Sait Memorial Inter College Football Tournament Held at KMEA Engineering College, Edathala - Runners Up



Abdullah Haji Ahmed Sait Memorial Inter College Volleyball Tournament Held at KMEA Engineering College, Edathala - Runners Up



Abdullah Haji Ahmed Sait Memorial Inter College Cricket Tournament Held at KMEA Engineering College, Edathala - Winners

## Intercollegiate Tournaments



All Kerala Inter College Football Tournament Held at MBC, Kuttikkanam - Winners



All Kerala Inter College Basketball Tournament Held at MBC, Kuttikkanam - Runners Up



KTU APJ D-Zone Chess Tournament Held at Rajagiri Engineering College - Runners Up



All Kerala Inter College Cricket Tournament Held at FISAT, Mookkanoor - Winners



### കരുണയുള്ള യുവന്യം കാലഘട്ടത്തിന്റെ ആവേശം വി.കെ ഇബ്രാഹിംകുഞ്ഞ്



കരുണയുള്ള യുവന്യം കാലഘട്ടത്തിന്റെ ആവേശം വി.കെ ഇബ്രാഹിംകുഞ്ഞ്

### സാങ്കേതിക വിദ്യാഭ്യാസ വളർച്ച തൽകുത്ത് സുരക്ഷിതത്വം: ഡോ. കെ.എൻ. രാഘവൻ



സാങ്കേതിക വിദ്യാഭ്യാസ വളർച്ച തൽകുത്ത് സുരക്ഷിതത്വം: ഡോ. കെ.എൻ. രാഘവൻ

### സർവ്വതലകരയെ ശാല-ചങ്ങലയായിലേക്കു വഴിയിട്ടു വീടണം



സർവ്വതലകരയെ ശാല-ചങ്ങലയായിലേക്കു വഴിയിട്ടു വീടണം

### മാതൃമരണങ്ങൾ കാര്യക്ഷമർ: ബാറുകയ്ക്ക് റെക്ക



മാതൃമരണങ്ങൾ കാര്യക്ഷമർ: ബാറുകയ്ക്ക് റെക്ക

### സാങ്കേതികവിദ്യാഭ്യാസ ഉപയോഗം സാമൂഹിക പുരോഗതിക്ക് വേണ്ടിയാകണം: ജില്ലാ കളക്ടർ



സാങ്കേതികവിദ്യാഭ്യാസ ഉപയോഗം സാമൂഹിക പുരോഗതിക്ക് വേണ്ടിയാകണം: ജില്ലാ കളക്ടർ

### Caricatures FOR A CAUSE



Caricatures FOR A CAUSE

### സാങ്കേതികവിദ്യാഭ്യാസ വളർച്ച ദീർഘനിയമപൂർവ്വകമായി: ഡോ. കെ.എൻ. രാഘവൻ



സാങ്കേതികവിദ്യാഭ്യാസ വളർച്ച ദീർഘനിയമപൂർവ്വകമായി: ഡോ. കെ.എൻ. രാഘവൻ

### കാരികളെ കർണീവലയമായി ഇബ്രാഹിം ബാറുഷ് റെക്കോഡിലേക്ക്



കാരികളെ കർണീവലയമായി ഇബ്രാഹിം ബാറുഷ് റെക്കോഡിലേക്ക്

### സാങ്കേതികവിദ്യാഭ്യാസ ഉപയോഗം പുരോഗതിക്കുള്ള ചാലക ശക്തി



സാങ്കേതികവിദ്യാഭ്യാസ ഉപയോഗം പുരോഗതിക്കുള്ള ചാലക ശക്തി

### ടെക്നോ മാനേജ്മെന്റിലെ ഫെസ്റ്റിബൽ



ടെക്നോ മാനേജ്മെന്റിലെ ഫെസ്റ്റിബൽ

**Editorial Board**

**Dr. T. M. Amar Nishad**  
Director & Principal

**Dr. Rekha Lakshmanan**  
Vice Principal

**Ansiya Eshack**  
Associate Professor, EC Dept.

**Rajitha N.**  
Assistant Professor, CE Dept.

**Veena K. Viswam**  
Assistant Professor, CS Dept.

**Binish M. C.**  
Assistant Professor, EC Dept.

**Divya P. V.**  
Assistant Professor, EI Dept.

**Asha M.A.**  
Assistant Professor, EE Dept.

**Sabith Ummer**  
Assistant Professor, ME Dept.

**Jiyad K.M.**  
Assistant Professor, ME Dept.

**Akhil Ramesh**  
Assistant Professor, ME Dept.

**Mahendra K. S.**  
Placement Officer, CGPU

**Tom Joseph**  
Assistant Professor, Physical Education Dept.

**Binu Abraham**  
Librarian

**V. V. Joy**  
Administrative Officer



**C. H. Mohammed Koya  
KMEA Engineering College**

Edathala, Aluva, Ernakulam - 683561, Kerala  
Phone:0484 241 1004  
www.kmeacollege.ac.in

