

KMEA Engineering College

Suggestions Regarding Curriculum from Stakeholders

From,

Ashiya Sunil

Systems Engineer

Tata Consultancy Services(TCS)

To,

The Head of the Department

Computer Science and Engineering

KMEA Engineering College

Aluva

Subject: Proposal for Including Advanced Technologies in Curriculum

Sir,

As per your request I have reviewed the curriculum shared with me. I would like to suggest some topics to me enhanced or incorporated to it to meet the latest trends:

1. React.JS
2. Node.JS
3. Microsoft Azure
4. Amazon Web Services(AWS)
5. Practical knowledge on Cybersecurity

I would like to suggest that there be more practical sessions or demonstrations for theory

subjects so that it will be useful for better understanding

KMEA ENGINEERING COLLEGE
SUGGESTIONS REGARDING CURRICULUM FROM STAKEHOLDERS

From
Riya Roy
Software Engineer,
UST

To
The Head of the Department
Computer Science and Engineering Department
KMEA Engineering College
Aluva

Sub: Proposal for the enhancement of curriculum with advanced technologies

Sir,

As per your request, I have reviewed the curriculum shared with me and would like to suggest a few topics to be enhanced or newly added to meet the latest industry requirements:

1. Implementation of Microservices Architecture (currently included but not sufficiently covered in practice).
2. Advanced Java Frameworks (Spring Boot, Hibernate) to strengthen backend development skills.
3. Introduction to DevOps Tools and Practices to align with current software development and deployment methodologies.

Regards
Riya

KMEA ENGINEERING COLLEGE

SUGGESTIONS REGARDING CURRICULAM FROM STAKEHOLDERS

From

Sanjay Menon

Director

Emvigo Technologies Pvt Ltd

To

The Head of the Department

Computer Science and Engineering Department

KMEA Engineering College

Aluva

Sub:- Proposal for the inclusion of few advanced technologies in curriculum

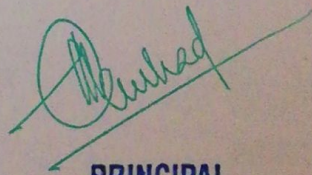
Sir,

As per your request I had gone through the curriculum shared with me and would like to suggest few points that can be incorporated so that it meets the needs of the industry .

1. Python
2. React.JS
3. Node.JS
4. React Native (Mobility)
5. Flutter (Mobility)

Regards

Sanjay Menon



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SUGGESTIONS REGARDING CURRICULAM FROM STAKEHOLDERS

From

Renjith Sadasivan Nair

Principal Engineer,

EAB Global Inc.

Washington DC, USA

To

The Head of the Department

Computer Science and Engineering Department

KMEA Engineering College

Aluva

Sub:- Proposal for the inclusion of few advanced technologies in curriculum

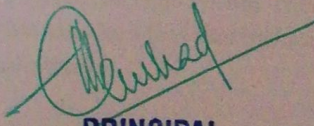
Sir,

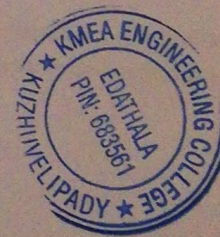
As per your request I had gone through the curriculum shared with me and would like to suggest few points that can be incorporated so that it meets the needs of the industry .

1. Introduction to ETL technology and Business intelligence
2. Big Data Concepts, Theories, and Applications
3. Cloud computing

Regards

Renjith Sadasivan Nair


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KMEA ENGINEERING COLLEGE

SUGGESTIONS REGARDING CURRICULAM FROM STAKEHOLDERS

From,

Azeem Salim Anchamparuthi,
Senior Cloud Architecture Specialist,
Qatar Foundation, Doha, Qatar

To

The Head of the Department
Computer Science and Engineering Department
KMEA Engineering College
Aluva

Sub: - Proposal for the inclusion of few topics in curriculum

Sir,

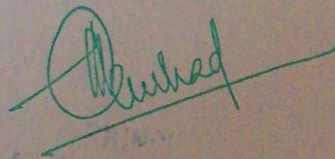
As you requested, I have gone through the curriculum shared with me. I would like to suggest a few points that can be incorporated into it so that it meets the needs of the industry.

1. Software security. Allows the student to understand and learn techniques that will allow them to assess, mitigate, and protect software systems from vulnerabilities.
2. Develop secure software. The major goal is to identify flaws and defects as early as possible.

Software security is vital in the field of software engineering. These techniques ensure that software continues to function and are safe from attacks. I feel that including security in the syllabus is critical as we live in a world of frequent cyber-attacks.

Regards

Azeem Salim Anchamparuthi



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C.H. MOHAMMED KOYA

KMEA ENGINEERING COLLEGE
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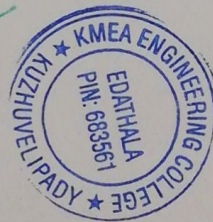
REPORT ON STUDENT'S FEEDBACK

Questions connected to syllabus and curriculum were given to students.

Most of the students find the syllabus tough/vast. Students find the syllabus relevant in the current scenario. They feel that all syllabus are not industry oriented. They find the curriculum encouraging them to be entrepreneurs. The students feel that the current syllabus provides them with the opportunity for on job training.

Student's feedback clearly shows that they are satisfied with the syllabus and curriculum . The students are being encouraged to bring out their innovative ideas and are provided with opportunities to become entrepreneurs. Many students are developing their innovative ideas to begin start ups. The industry oriented syllabus helps the students to become more employable by attending training and internships.

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REPORT ON FACULTY FEEDBACK

Questions connected to syllabus and curriculum were given to faculty.

Most of the faculty are able to complete six modules in the stipulated time by proper time management but in some subjects it is not possible to complete the syllabus on time. Many faculty feel that pre-requisites are not satisfied for all subjects. Some faculty feel that the syllabus is not industry oriented. Many faculty find the syllabus and curriculum encouraging their students to engage in extracurricular activities.

Faculty feedback clearly shows that some modifications are required with the syllabus and curriculum, regarding many old topics and prerequisites. The faculty are happy that students are being encouraged to participate in extra activities with their subjects.

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REPORT ON ALUMNI FEEDBACK

Questions connected to syllabus and curriculum were given to Alumni.

Most of the alumni do not find the syllabus creating mental stress but they commented on some shortcomings of the current curriculum. They feel that the syllabus is not upto the employability with the current scenario. They find the syllabus and curriculum encouraging them to engage in innovative thinking.

Alumni feedback clearly shows that they are satisfied but suggested some changes with the syllabus and curriculum . Then they are able to properly manage time and complete their portions. They support students to bring out their innovative ideas and are provided with opportunities to become entrepreneurs. They are satisfied with the help given to the students to become more employable by attending training and internships.

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