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Curriculum Feedback Analysis**

**Academic Year : 2017-18**

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# FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)<sup>®</sup>

Department of **Civil Engineering**

Academic Year : **2017-18**

## FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)<sup>®</sup>

Department: **CIVIL ENGINEERING**  
Academic Year: 2017-18

### Action to be taken

#### Department recommendations based on Analysis:

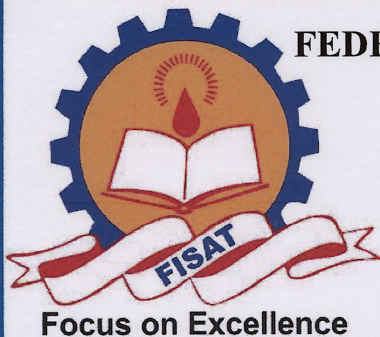
1. Encourage students to participate in technical events/ workshops to improve problem solving skills.
2. Conduct add-on courses to improve the usage of advanced computer aided tools.
3. Organize webinars/invited talks by industry experts to cultivate professional ethics.
4. Promote industrial Visits and internships for skill building and career advancement.
5. Continue to award best, innovative, industrially relevant and socially relevant projects via Aavishkar- Project Exhibition to motivate students to choose problem statements of significance.
6. Encourage students to make use of web-resources and enroll in online NPTEL/MOOC courses.
7. Provide opportunity to students for participating and publishing in an in-house conference - SECON.
8. Motivate students to conduct building expo for their career advancement.
9. Identify underperforming students to improve their performance levels by conducting remedial sessions/tutorials.



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ACTION TAKEN REPORT OF FEEDBACK ON CURRICULUM (CONSOLIDATED)

ACADEMIC YEAR 2018-19

List of Programs/methods/Activities Conducted to implement recommendations	
	<ol style="list-style-type: none"> <li>1. Conducted Technical talk on "Disaster Management" in association with Association of Civil Engineers</li> <li>2. Technical talk on "Cement" in association with Association of Civil Engineers.</li> <li>3. Conducted Add-on course on Building information planning.</li> <li>4. Conducted AAVISHKAR 18- Student projects for the course were displayed in an exhibition and poster presentation competitions were held. Best projects were also awarded.</li> <li>5. Conducted NIRMAN 18- Building Expo.</li> <li>6. Conducted Site Visit to Zuari Cement Plant, Cochin assisted by Mr. Sebin Jose.</li> <li>7. Conducted Site Visit to On-going Construction of Chambakkara Bridge, Vytilla.</li> <li>8. Identified slow learners and conducted remedial classes.</li> </ol>



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Department of **Computer Science and Engineering**  
Academic Year :**2017-18**

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Department: **Computer Science and Engineering**

Academic Year: **2017-18**

### Action to be taken

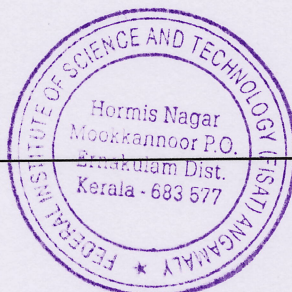
Department recommendations based on Analysis:

According to the feedback analysis, following activities are recommended for the upcoming academic year.

- Conduct add-on courses to improve the programming skills.
- Conduct remedial classes and more tutorial classes.
- Decided to introduce ICT enabled lecturers and PAC suggested to include modern teaching learning methods that enhance problem analysis.
- Conduct workshops on modern tools and expert lectures that introduce new software's relevance to the course.
- Students are encouraged to select topics from reputed journals for seminar.
- Motivate students to apply their learnings from workshops they have attended.
- Motivate students to indulge in social service activities that would cater to society's needs.
- Students are advised to actively participate in department association activities.

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Department of **Computer Science and Engineering**

Academic Year :**2017-18**

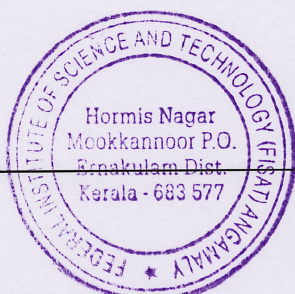
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### ACTION TAKEN REPORT OF FEEDBACK ON CURRICULUM (CONSOLIDATED)

#### ACADEMIC YEAR 2018-19

List of Programs/methods/Activities Conducted to implement recommendations	
	<ul style="list-style-type: none"><li>• Introduced new add-on course Google Certified Associate Cloud Engineer (ACE) along with the other offered add-on courses.</li><li>• Identified slow learners and conducted remedial classes.</li><li>• Introduced ICT enabled teaching learning process and adopted teaching pedagogies like TPS, Flipped Classroom etc.</li><li>• Department initiated social service activities named cashless transactions, Hour of code under the leadership of various department associations.</li><li>• Organized national student conference ICEFOSS</li><li>• Students developed various projects like Hackerena, Capture the flag etc by utilizing their workshop knowledge with the support of faculty members.</li><li>• Conducted workshops/seminars on<ul style="list-style-type: none"><li>◦ Agile software Technologies</li><li>◦ Workshop on Git, free and open source distributed version control system</li><li>◦ PyQt</li><li>◦ Cyber Security</li><li>◦ Big data</li><li>◦ Future career options</li><li>◦ Python Flask and CNN</li></ul></li></ul>

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# FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)<sup>®</sup>

Department of **Electrical and Electronics Engineering**  
Academic Year :**2017-18**

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## FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)<sup>®</sup>

Department: Electrical And Electronics Engineering  
Academic Year: 2017-2018

### Action to be taken

Department recommendations based on Analysis, following actions were recommended

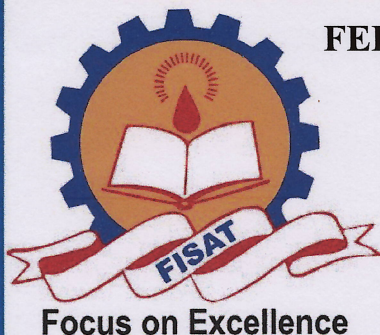
1. Conduct workshops/add on course/workshop to improve programming skills
2. Conduct industrial visits to enhance practical knowledge
3. Conduct student centric methods, such as experiential learning, participative learning and problem solving methodologies for enhancing learning experiences.
4. Training on professional development shall be provided to enhance employability skills
5. Promote students to undergo Online Mooc Courses.
6. Conduct intellectual and technical programs to enhance the overall educational experience.

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Department of **Electrical and Electronics Engineering**  
Academic Year :**2017-18**

## Student Feedback sample (Exit) Analysis Report

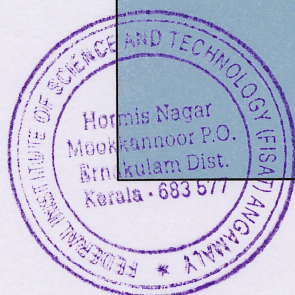
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#### ACTION TAKEN REPORT OF FEEDBACK ON CURRICULUM (CONSOLIDATED)

ACADEMIC YEAR 2018-2019

List of Programs/methods/Activities Conducted to implement recommendations	
	<ol style="list-style-type: none"><li>1. Conducted technical talk on X-by wire system.</li><li>2. Conducted an introductory session on Autodesk CAD software to bridge the gap between curriculum and the industry.</li><li>3. Project based assignments were given</li><li>4. Students were taken to an expo conducted by KELCON to get familiarized with products like major electrical machinery, lighting fixtures and other installations.</li><li>5. Conducted APJ Abdul Kalam Energy Quiz, an inter college quiz competition.</li><li>6. Conducted A semester long project competition "FACE THE CHALLENGE" which provides an opportunity for the students to enhance the overall educational experience of intellectual and technical programs.</li><li>7. Attended Online courses.</li></ol>

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*Basanth R.*  
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Academic Year :**2017-18**

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Department: Electronics and Communication Engineering  
Academic Year:2017-18

### Action to be taken

Department recommendations based on Analysis:

- To introduce ICT enabled lectures
- Tutorial classes were planned to be conducted with more emphasis on problem solving
- To include more higher level questions in assignments
- To include modern teaching-learning methods
- Students can be motivated to take up projects which would be beneficial to society.
- Motivate students to indulge in social service activities that would cater to society's needs.



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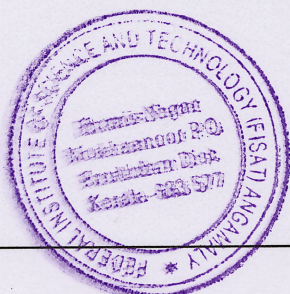
Department of **Electronics And Communication Engineering**  
Academic Year :**2017-18**

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ACTION TAKEN REPORT OF FEEDBACK ON CURRICULUM (CONSOLIDATED)

ACADEMIC YEAR 2018-19

List of Programs/methods/Activities Conducted to implement recommendations	<ul style="list-style-type: none"><li>• Introduced Gnomio for ICT enabled teaching-learning process</li><li>• Tutorial classes are planned and conducted</li><li>• Assignment addressing higher cognitive level questions are given</li><li>• Projects with beneficiary to society are introduced</li></ul>
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Department of **Electronics And Instrumentation Engineering**  
Academic Year :**2017-18**

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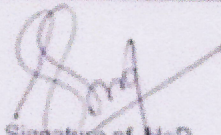
Department: **EI**  
Academic Year: 2017-18

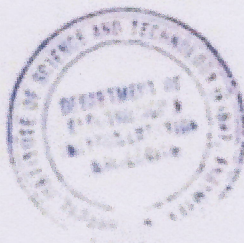
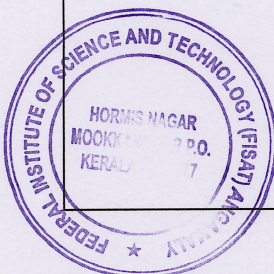
### Action to be taken

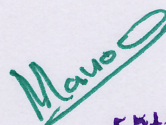
Department recommendations based on Analysis:

Following activities are suggested for the forthcoming academic year based on feedback analysis.

- Conduct some bridging courses to improve your math fundamentals.
- Conduct add-on courses to increase programming abilities.
- Conduct extra tutorial classes and remedial classes.
- Conduct workshops on cutting-edge technology.

  
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Department of **Electronics And Instrumentation Engineering**  
Academic Year :**2017-18**

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### ACTION TAKEN REPORT OF FEEDBACK ON CURRICULUM (CONSOLIDATED)

ACADEMIC YEAR 2018-19

List of Programs/methods/Activities Conducted to implement recommendations	
	<ol style="list-style-type: none"><li>1. Add-on Course on Fundamentals of Mathematics for Engineering.</li><li>2. National Students Conference on Automation and Green Engineering(NSC-AGE- 2019)</li><li>3. LATEX Workshop by Ms. Parvathy R</li><li>4. Talk on Career Growth in the IT field by ALENRINTOUL, Director, VONNUE Innovations Pvt. Ltd.</li><li>5. Workshop on Recent trends in IoT, LABVIEW, Verilog</li></ol>



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Department of **Mechanical Engineering**

Academic Year : **2017-18**

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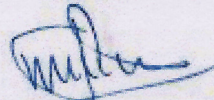
Department: Mechanical Engineering  
Academic Year: 2017-18


### Action to be taken

Department recommendations based on Analysis:

1. Increase the confidence level of students by arranging interaction for the know-how of industry/higher education.
2. Add on courses to enable students to solve complex engineering problems.
3. Enable students for modern tool usage.
4. Career Development Programmes.



  
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**Department of Mechanical Engineering**  
**Academic Year : 2017-18**

## ACADEMIC YEAR 2018-19

<p>List of Programs/methods/Activities Conducted to implement recommendations</p>	<p>(ADD " List of department activities /remedial class/ Add on program /Advanced learning details"</p> <ol style="list-style-type: none"> <li>1. National Science Day celebration conducted on 28/02/2019 with Dr. Sarith P Sathian, Associate Professor IIT Madras delivering lecture on "Communicating Science for All".</li> <li>2. Add on courses on ANSYS, CNC and Python was conducted</li> <li>3. ASME E fest conducted on 13th October 2018</li> <li>4. A talk on " How to Engineer yourself conducted on 5th Nov 2018.</li> </ol>
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# FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)<sup>®</sup>

Department of **Business Administration**

Academic Year : **2017-18**

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## FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)<sup>®</sup>

Department: **MBA**

Academic Year: 2017-18

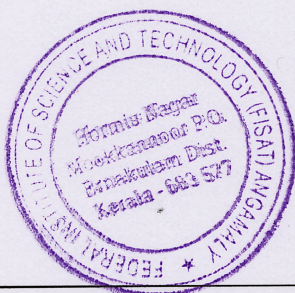
### Action to be taken

Department recommendations based on Analysis:

Following activities are suggested for the forthcoming academic year based on feedback analysis.

- Improvement of international perspectives of students through international speakers
- Subject specific knowledge dissemination through talks and panel discussions especially in the area of entrepreneurship
- Improvement of technology readiness through specialized trainings or add on programs

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Department of **Business Administration**

Academic Year :**2017-18**

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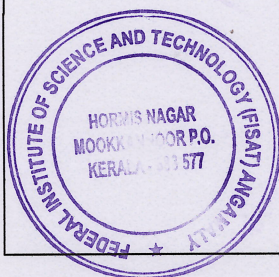
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### ACTION TAKEN REPORT OF FEEDBACK ON CURRICULUM (CONSOLIDATED)

ACADEMIC YEAR 2018-19

List of Programs/methods/Activities Conducted to implement recommendations	<p>1. International Speaker Seminar series : As an attempt to bring international perspectives into the minds of students, international speakers were invited for short talks. Prof. Ahmad Hashem, Vice President- Open University Malaysia &amp; COO Meteor Learning, Malaysia gave a talk on corporate social responsibility in the international context. He spoke of Practices followed by Malaysian companies and business models.</p> <p>2. Symposium on 'WOMEN ENTREPRENEURSHIP': The symposium was conducted to supplement the Entrepreneurship course which is a part of the fifth trimester KTU MBA syllabus. It helped to bridge the theory-practice gap by bringing in actual entrepreneurs for the one-day symposium themed 'Women entrepreneurship: issues and challenges.</p> <p>3. Seminar on 'Six Sigma Methodology in Indian Software companies' To encourage the students to expand their knowledge on the possibilities of learning Six Sigma quality systems at the management level</p> <p>4. Seminar on Internet of Things: To accustom the students to how modern businesses can use IoT technology to streamline business operations and improve efficiency in numerous ways</p>
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Department of **Computer Applications**  
Academic Year : **2017-18**

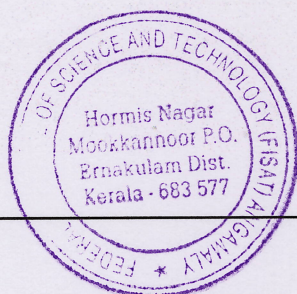
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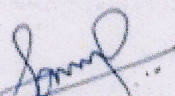
Department: Computer Applications  
Academic Year: 2017-18

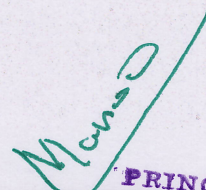
### Action to be taken

Department recommendations based on Analysis:

- To Prepare the students for placements, Aptitude and leadership skill training programmes can be organized
- Add on courses can be provided to bridge the gap in the syllabus and to equip the students with the latest.
- 
- To provide the students with experimental learning ,mini projects, main projects and hands on assignments can be provided
- Elective subjects can be provided and chosen based on the relevance and student choice.
- Upon signing MOU with opentrends, Koratty, Campus connect training programme for students will be conducted
- To promote the technical skills of students, Prayaan2k18 fest is planned.



  
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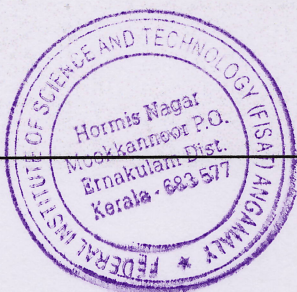


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ACTION TAKEN REPORT OF FEEDBACK ON CURRICULUM (CONSOLIDATED)

ACADEMIC YEAR 2018-19

List of Programs/methods/Activities Conducted to implement recommendations	(ADD " List of department activities /remedial class/ Add on program /Advanced learning details"
	<ul style="list-style-type: none"><li>• Empower Training -Leadership and soft skill training programme conducted for equipping the students for the placement</li><li>• Face -Aptitude training workshop conducted for equipping the students for the placement</li><li>• Add on Courses: Advanced Java Programming and C++ programming provided</li><li>• Socially relevant topics for Mini projects, Main projects were chosen</li><li>• Artificial Intelligence / Computer Graphics provided as electives for 2016 -18 batch in the last semester.</li><li>• Campus connect training programme was conducted for 2016 batches by Opentrends koratty as a part of MOU signed by the department with the company</li><li>• Prayaan 2k18 conducted on February 2018 to promote the technical skills of students.</li></ul>



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