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Curriculum Feedback Analysis**

Academic Year : 2015-16

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FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)[®]

Department: Civil Engineering
 Academic Year: 2015-16

Action to be taken

Department recommendations based on Analysis:

1. Encourage students to participate in technical events/ workshops to improve problem solving skills.
2. Encourage teamwork in students by conducting Expo.
3. Motivate students to use library resources (books, journals and e-subscriptions) effectively.
4. Identify underperforming students to improve their performance levels by conducting remedial sessions.

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Department of **Civil Engineering**

Academic Year : **2015-16**

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ACTION TAKEN REPORT OF FEEDBACK ON CURRICULUM (CONSOLIDATED)

ACADEMIC YEAR 2016-17

List of Programs/methods/Activities Conducted to implement recommendations	<ol style="list-style-type: none">1. Conducted Jnana series lecture on productivity in the construction industry2. Conducted one day hands on workshop on structural modelling and rendering using REVIT3. Conducted AAVISHKAR 17- Student projects for the course were displayed in an exhibition and poster presentation competitions were held. Best projects were also awarded.4. Conducted NIRMAN 17- Building Expo.5. Identified slow learners and conducted remedial classes.
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Department of **Computer Science and Engineering**
Academic Year :**2015-16**

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Department: Computer Science And Engineering
Academic Year:2015-16

Action to be taken

Department recommendations based on Analysis:

- Conduct some bridge courses to enhance the programming skills
- Conduct remedial classes and more tutorial classes.
- Conduct workshops on modern tools.
- Conduct expert lectures that introduce new software's relevance to the course.
- More activities involving designing solutions like Hackathons are initiated in the campus.
- Motivate students to indulge in social service activities that would cater to society's needs.

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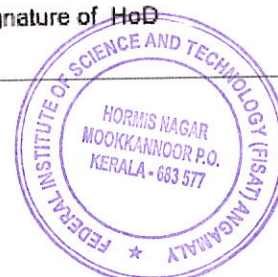
ACTION TAKEN REPORT OF FEEDBACK ON CURRICULUM (CONSOLIDATED)

ACADEMIC YEAR 2016-17

List of Programs/methods/Activities Conducted to implement recommendations	<ul style="list-style-type: none">• Conducted bridge course on C programming• Identified slow learners and conducted remedial classes.• Conducted seminar on Cyber Forensics• Conducted talks on<ul style="list-style-type: none">◦ Introduction to corporate world◦ Overview of BigData and IoT• Conducted workshops on<ul style="list-style-type: none">◦ Machine Learning with R◦ Lua◦ PyQt◦ Web stack◦ Image Processing◦ Java-Industry perspective◦ Gift◦ Django◦ OpenGL
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Department of **Electrical and Electronics Engineering**
Academic Year :**2015-16**

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Department: EEE
Academic Year: 2015-16

Action to be taken

Department recommendations based on Analysis:

Recommended to schedule Industrial visit in core domain.

Recommended to conduct talk to motivate the students to join higher studies /research fields.

Recommended to conduct activities to promote the faculty members to do projects in the field of Robotic and automation.

Recommended to conduct activities to enhance quality of PG and UG projects.

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ACTION TAKEN REPORT OF FEEDBACK ON CURRICULUM (CONSOLIDATED)

ACADEMIC YEAR 2016-17

List of Programs/methods/Activities Conducted to implement recommendations	<p>Conducted invited topics in Power electronics and word of sinusoids by Dr.Vincent Associate professor -EEE GEC Palakkad</p> <p>Conducted Motivational talk for promoting students to pursue higher studies by Mr. Vishnu Lona Jacob (Motivational speaker)</p> <p>Conducted two weeks Add on program Design on magnetic circuits for power converters by Jyothis G K Assistant Professor (EEE,Federal institute of Science and technology)</p> <p>Conducted in-house FDP to develop skills of faculty in the field of Arduino and robotics by Ms.Parvathy R(Assistant Professor) and Mr Mohemmed Noufal C (Assistant Professor),Federal Institute of Science and technology.</p> <p>Conducted Industrial Visit Kakkayam Hydroelectric power plant and Pallivasal power plant to enhance practical knowledge in hydro power production.</p>
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Parvathy R
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Department: ECE
Academic Year:2015-16

Action to be taken

Department recommendations based on Analysis:

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

- Planned to conduct workshops on modern tools
- To conduct add-on courses and workshops to improve the programming skills.
- To improve ICT enabled teaching learning process.

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ACTION TAKEN REPORT OF FEEDBACK ON CURRICULUM (CONSOLIDATED)

ACADEMIC YEAR 2016-17

List of Programs/methods/Activities Conducted to implement recommendations	<ul style="list-style-type: none">• Conducted workshop on Arduino board and Robotics• Conducted add-on course on PCB Design and Layout• Conducted a workshop on Python as to improve the programming skill• Flipped classroom are practiced as part of ICT enabled method.• Conducted more remedial classes and tutorial classes
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Department: EIE
Academic Year: 2015-16

Action to be taken

Department recommendations based on Analysis:

- * Recommended to conduct Fest/Symposium to boost/motivate the students
- * Recommended to conduct a Technical talk on core field.
- * Recommended to conduct a Session on "SUSTAINABLE FEATURE".



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ACTION TAKEN REPORT OF FEEDBACK ON CURRICULUM (CONSOLIDATED)

ACADEMIC YEAR 2016-17

List of Programs/methods/Activities Conducted to implement recommendations	(ADD " List of department activities /remedial class/ Add on program /Advanced learning details"
1. TECHATHON	A Technical Fest conducted by the department association, Part of which workshops, Quiz-Program and Project expo ^{were} are conducted.
2. Instrumentation and Oil Industry application - Technical Talk	Talk by Mrs. Dawn y Joy, Asst. Manager, BPCL.
3. Energy Mgmt & Renewable Energy - Technical Talk	Talk by Dr. Harikumar, Head Educational And Training Division, Energy Management Centre.

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Department: Mechanical Engineering
Academic Year: 2015-16

Action to be taken

Department recommendations based on Analysis:

1. Add on course on Analysis software will help students for career building
2. Students must be prepared with know how of values and ethics
3. Students should involve in team work



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ACTION TAKEN REPORT OF FEEDBACK ON CURRICULUM (CONSOLIDATED)

ACADEMIC YEAR 2016-17

List of Programs/methods/Activities Conducted to implement recommendations	<ol style="list-style-type: none">1. Students took part in the ASME E-Fest, Asia Pacific at LNM Institute of Information Technology, Jaipur held on March 2, 2017. The Student Design Challenge (SDC) team from FISAT bagged the second prize for the eff-cycle competition.2. An invited talk on - Liberation Through Education was organized on 17th February 2017.3. Add on Course on ANSYS conducted for students on December 2016.
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Department of **Business Administration**

Academic Year : **2015-16**

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Department: MBA
Academic Year: 2015-16

Action to be taken

Department recommendations based on Analysis

1. Students are having a lack of exposure as they come from a limited geographical base in and around the outskirts of Ernakulam district and Trichur district. They have been localized in their education at Bachelors level, at tier 2 and tier 3 townships, or cities with limited exposure to business and industry realities. This limits scope for improvement. Exposure to business environments is important to broaden their vision.
2. Department needs to provide more exposure to industry and business operations through industry visits and internships that help to understand actual processes within companies and the dynamics of business execution.
3. There is the need to increase the way students place themselves in organisational contexts by taking part in management fests and management events in a bigger, national level scale.
4. They need to be part of conventions and lectures or conferences held annually so that they can network and interact with business persons and learn what is required of an MBA.
5. They need to understand industry expectations from MBA by listening to industrialists and business personnel speeches and talks in person, and not in written form or recorded videos.
6. Vicarious learning needs to be enabled and encouraged by students being a part of lectures, talks, trade shows or seminars using out of classroom methods so that experiential learning occurs.

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ACTION TAKEN REPORT OF FEEDBACK ON CURRICULUM (CONSOLIDATED)

ACADEMIC YEAR 2016-17

<p>List of Programs/methods/Activities Conducted to implement recommendations</p>	<ol style="list-style-type: none"> 1. in order to increase the exposure of students to actual organisational activities industrial visits were conducted to organisations in and around Kochi. Students visited the HLL lifecare, Irappuram to understand production processes and manufacturing. An industrial visit to Synthite Industries Kolenchery was also carried out. 2. Exposure to national level events in management was enabled through attending events like Annual National Management Convention at Le Meridien Kochi on 21st and 22nd January under the broad theme "Nations on the move: Directions for growth" 3. Students participated in 17th Malayala Manorama Budget Lecture presented by Profesor Deepak Nayyar on the theme 'the Union Budget 2016 and beyond'. 4. Participation in the Cochin Chamber of Commerce and Industry Lecture titled ' Dr APJ Abdul Kalam Memorial Lecture- at the Grand Ball Room, Abad Plaza Ernakulam done by Shri Srijan singh Pal. 5. Through the National Human Resource Development Network (NHRDN) batch of 2015-17 took part in Panel discussion " Emerging People Challenges and Opportunities in New India
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Department MCA
Academic Year 2015-16

Action to be taken

Department recommendations based on Analysis:

- 1.Planned to provide Add-on courses for first semester Students on programming with C++ & Programming with C
- 2.Planning,detailed schedule and grading to be prepared for Mini project, main Project and assignments
- 3.Planned to conduct intra departmental Techno cultural Fest Algorithm2k17
- 4.Pepared schedule for Empower Leadership and soft skill Training Programme & Face aptitude training.


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ACTION TAKEN REPORT OF FEEDBACK ON CURRICULUM (CONSOLIDATED)

ACADEMIC YEAR 2016-17

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">• Add on Courses: Programming with C++, Programming with C• Mini projects, Main projects, and Assignments• AlgoRhythm 2k17 _An Intradepartmental techno cultural fest• Empower Training -Leadership and soft skill training program• Face -Aptitude training workshop

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