K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE - 637215

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

STAKEHOLDER FEEDBACK ON CURRICULUM AND SYLLABUS

Academic Year: 2019 – 2020

Date: 17.07.2020

❖ The feedback Analysis report on curriculum and syllabus from **CSE** department for the academic year 2019-20 is summarized as follows and submitted to Feedback Review Committee for suggestions.

Name of the Stakeholders	Suggestions
Students	• More number of Hackathan participation can be encouraged • Some subjects are hard to learn • Subject experts are to be invited for delivering lecture and have one to one interaction with the students • Practical exposure in computer architecture is not available . This may be helpful for students in getting placements in companies like Intel and Motorola.
Faculty	• New technology based training can be arranged • Industrial training can be given to the faculty in order to understand the collaboration between industry and the institution • Outcome Based Education Programme may be organized for newly appointed faculty • Research quality may be enhanced by collaborative research with other institutions and industries
Employer	• Focus more on online portals more and get certification • Can give trainings on new technologies which meet the requirements of the organization • Better hands on activities can be carried out by the students in labs and through internships so students are ready for corporate world. • Can give training on more recent technology like data science. • Improve to learn real time problem solving and devise innovative ideas.
Alumni	• More number of industry visits to be organized for the students to have a real time experience on the concepts they studied. • Subject experts are to be invited for delivering lecture and have one to one interaction with the students • Students need to refer some project samples to gather project ideas.

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HOD

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY
TIRUCHENGODE
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
STAKEHOLDER FEEDBACK ON CURRICULUM AND SYLLABUS
Academic Year: 2019 – 2020

Date: 17.07.2020

❖ The feedback Analysis report on curriculum and syllabus from **EEE** department for the academic year 2019-20 is summarized as follows and submitted to Feedback Review Committee for suggestions.

Stakeholders	Feedback
Employer	• Social and economic awareness courses are less. Need to give case studies • Special courses with one credit can be given • Industry collaborated courses can be included in curriculum
Faculty	• Special courses on specific application like energy auditing can be given • Faculty and students can be made to attend FDP/Workshop on Artificial Intelligence, IOT related courses
Alumni	• Exposure on IT domains like Data analytics, Machine learning can be given to help their career • Students to be given guidance for choosing their career paths
Students	• As EEE students find it difficult to crack IT company. So need more Programming platform to increase programming skills.

HoD/EEE

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
STAKEHOLDER FEEDBACK ON CURRICULUM AND SYLLABUS
Academic Year: 2019-2020

Date: 17.07.2020

❖ The feedback Analysis report on curriculum and syllabus from **ECE** department for the academic year 2019-2020 is summarized as follows and submitted to Feedback Review Committee for suggestions.

Stakeholders	Feedback
Students	- Need more industrial visits. - Need self-learning tools - Practical experience in analytical courses is lacking
Faculty	Industry oriented campus connection programme to organize more and the faculties to involve more.
Employers	May conduct more workshops in industry and institute tie up.
Alumni	Alumnis should involve more for the curriculum discussion and development.

HOD   **COORDINATOR**   **IQAC COORDINATOR**   **PRINCIPAL**

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
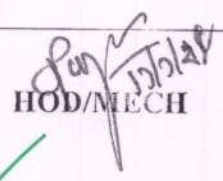
STAKEHOLDER FEEDBACK ON CURRICULUM AND SYLLABUS

Academic year 2019-2020   **Date: 17.07.20**

➤ The feedback Analysis report on curriculum and syllabus from **MECH** department for the academic year 2019-20 is summarized as follows and submitted to Feedback Review Committee for suggestions.

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Stakeholders	Feedback
Employer	• Social and economic awareness courses are less. Need to give case studies • Employers may involve more in college workshop and training sessions • Industry collaborated courses can be included in curriculum
Faculty	• Faculty and students can be made to attend FDP/Workshop on Artificial Intelligence, IOT related courses • Industry oriented campus connection programme to organize more and the faculties to involve more.
Alumni	• Alumni's can join in social media group and can interact often with the students • Students to be given guidance for choosing their career paths
Students	• Conduct some Professional Certification courses. • Need industry support in doing real time projects

HOD/MECH

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DEPARTMENT OF INFORMATION TECHNOLOGY

Stakeholder Feedback on Curriculum and Syllabus

Academic Year: 2019 – 2020

Date: 17.07.2020

❖ The feedback Analysis report on curriculum and syllabus from **IT** department for the academic year 2019-20 is summarized as follows and submitted to Feedback Review Committee for suggestions.

Stakeholders	Feedback
Employer	• Make use of cloud service providers like Amazon, Microsoft Azure etc. • Will provide instruction on emerging innovations that meet the organization's criteria • Better hands-on activities can be carried out by students in laboratories and by internships so students are ready for the business environment. • Will provide instruction in newer technologies such as data science. • Develop your problem-solving skills in real-time situations.
Faculty	• Conduct seminar for Skill development. • Industrial preparation for faculty to recognize the relationship between industry and the institution can be arranged. • An Outcome Oriented Education Program for newly appointed faculty can be coordinated. • Research quality can be improved by joint research with other institutions and industries.
Alumni	• Innovative projects to meet with industry expectations • More business trips should be arranged so that students can get hands-on experience with the concepts they're learning. • Subject experts will be invited to give lectures and engage with students one on one. • There is no practical experience of computer architecture. This may be beneficial to students looking for jobs at companies like Intel and Motorola.
Students	• Need self-learning tools • Participation in Hackathon can be promoted. • Subject experts could be invited to give lectures and engage in one-on-one. interactions with students • Practical experience in analytical courses is lacking.

HOD 12/7/20

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FEEDBACK REVIEW COMMITTEE

ACTION TAKEN ON STAKEHOLDER FEEDBACK ON CURRICULUM AND SYLLABUS

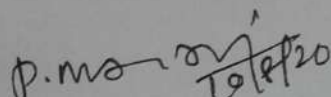### Academic Year: 2019 – 2020

Date: 10.08.2020

Based on the feedback received from stake holders on curriculum and syllabus from **CSE** department for the academic year 2019-20 the following suggestions are given by Feedback Review Committee.
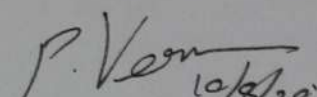
Name of the Stakeholders	Suggestions	Action Taken
Students	- More number of Hackathan participation can be encouraged - Some subjects are hard to learn - Subject experts are to be invited for delivering lecture and have one to one interaction with the students - Practical exposure in computer architecture is not available . This may be helpful for students in getting placements in companies like Intel and Motorola.	- Motivated the students to participate the project contests and Hackathan. They submitted projects to various contests and shortlisted for second round. - Training has been provided by the placement and training team.
Faculty	- New technology based training can be arranged - Industrial training can be given to the faculty in order to understand the collaboration between industry and the institution - Outcome Based Education Programme may be organized for newly appointed faculty - Research quality may be enhanced by collaborative research with other institutions and industries	- MOU has signed with industry and faculty members undergone certification courses through the signed industries. - OBE programmes and hands on sessions were conducted. - Initiation has taken to do industry supported student projects along with the guidance of faculty member for each.
Employer	- Focus more on online portals more and get certification - Can give trainings on new technologies which meet the requirements of the organization - Better hands on activities can be carried out by the students in labs and through internships so students are ready for corporate world. - Can give training on more recent technology like AR/ VR/ MR. - Improve to learn real time problem solving and devise innovative ideas.	All the suggestions and comments given by the employers are forwarded to the Heads of the Departments for discussion in the respective Department Advisory Committee (DAC) meeting. Insisted the students and the faculty members to register with the online courses of their interest. It is also recommended to take necessary actions to include real time problem solving by conducting Value Added Course to meet corporate requirements.

Alumni	- More number of industry visits to be organized for the students to have a real time experience on the concepts they studied. - Subject experts are to be invited for delivering lecture and have one to one interaction with the students - Students need to refer some project samples to gather project ideas.	- Industry Visit had been arranged and our students visited companies and gained the knowledge. - Invited resource person from industry to give guest lecture on SQL. - Refered some project repositories like Github., to enhance the real time project knowledge.

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FEEDBACK REVIEW COMMITTEE

ACTION TAKEN ON STAKEHOLDER FEEDBACK ON CURRICULUM AND SYLLABUS

Academic Year: 2019 – 2020

Date: 10.08.2020

Based on the feedback received from stake holders on curriculum and syllabus from **EEE** department for the academic year 2019-20 the following suggestions are given by Feedback Review Committee

Stakeholders	Feedback	Suggestions/ Action Taken by Feedback Review Committee
Employer	• Social and economic awareness courses are less. Need to give case studies • Special courses with one credit can be given • Industry collaborated courses can be included in curriculum	All the feedbacks are discussed and the following actions are suggested for implementation in the forthcoming academic year. • To increase faculty and student participation in areas like IOT, AI etc.
Faculty	• Special courses on specific application like energy auditing can be given • Faculty and students can be made to attend FDP/Workshop on Artificial Intelligence, IOT related courses	• To conduct the value added courses which helps in project / product development • To conduct alumni interaction programs to fill the gaps the industry needs from fresher.
Alumni	• Exposure on IT domains like Data analytics, Machine learning can be given to help their career • Students to be given guidance for choosing their career paths	• To Increase Programming Practice for EEE through online tools
Students	• As EEE students find it difficult to crack IT company. So need more Programming platform to increase programming skills.	

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FEEDBACK REVIEW COMMITTEE
ACTION TAKEN ON STAKEHOLDER FEEDBACK ON CURRICULUM AND SYLLABUS
Academic Year: 2019 – 2020

Date: 10.08.2020

Based on the feedback received from stake holders on curriculum and syllabus from **ECE** department for the academic year 2019-20 the following suggestions are given by Feedback Review Committee

Stakeholders	Feedback	Action Taken

Students	• Need more industrial visits.
	• Need self-learning tools
	• Practical experience in analytical courses is lacking
		All the feedbacks are discussed and the following actions are suggested for implementation in the forthcoming academic year.
		
		• Value added courses are conducted on the following topics
		  1. Cisco Certified Network Associate
		  2. ESIM Open Source Tool
		  3. Project Based Learning

Faculty	• Industry oriented campus connection programme to organize more and the faculties to involve more.	• Short day visit to small scale industry is arranged and students learned a lot from this.
Employers	• May conduct more workshops in industry and institute tie up.	• Campus connection programmes has been arranged and faculties are participating in it.
Alumni	• Alumnis should involve more for the curriculum discussion and development.	• Employers are welcomed and acts as a resource person for workshops • Alumni interaction programme conducted in a regular basis.

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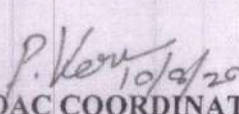### Academic year 2019-2020   Date: 10.08.20

Based on the feedback received from stake holders on curriculum and syllabus from **MECH** department for the academic year 2019-20 the following suggestions are given by Feedback Review Committee

Stakeholders	Feedback	Suggestions/ Action Taken by Feedback Review Committee
Employer	• Social and economic awareness courses are less. Need to give case studies • Employers may involve more in college workshop and training sessions • Industry collaborated courses can be included in curriculum	All the feedbacks are discussed and the following actions are suggested for implementation in the forthcoming academic year. • Increase faculty and student participation in areas like IOT, AI etc. • Conduct the value added courses which helps in project / product development • Campus connection programmes has been arranged and faculties are participating in it. • Conduct alumni interaction programs to fill the gaps the industry needs from fresher. • More courses has been organized and students participate in it.
Faculty	• Faculty and students can be made to attend FDP/Workshop on Artificial Intelligence, IOT related courses • Industry oriented campus connection programme to organize more and the faculties to involve more.	
Alumni	• Alumni's can join in social media group and can interact often with the students • Students to be given guidance for choosing their career paths	
Students	• Conduct some Professional Certification courses. • Need industry support in doing real time projects	

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FEEDBACK REVIEW COMMITTEE

ACTION TAKEN ON STAKEHOLDER FEEDBACK ON CURRICULUM AND SYLLABUS

Academic Year: 2019 – 2020

Date: 10.08.2020

Based on the feedback received from stake holders on curriculum and syllabus from **IT** department for the academic year 2019-20 the following suggestions are given by Feedback Review Committee

Stakeholders	Feedback	Suggestions/ Action Taken by Feedback Review Committee

Employer	• Make use of cloud service providers like Amazon, Microsoft Azure etc.
	 • Will provide instruction on emerging innovations that meet the organization's criteria
	 • Better hands-on activities can be carried out by students in laboratories and by internships so students are ready for the business environment.
	 • Will provide instruction in newer technologies such as data science.
	 • Develop your problem-solving skills in real-time situations.
		All the feedbacks are discussed and the following actions are suggested for implementation in the forthcoming academic year.
		 • Value added courses are conducted on the following topics
		   • AWS Fundamentals: Building Serverless Applications
		   • Technology behind AR/VR
		   • Web development
		   • Hardware and Software Troubleshooting
		 • All employer suggestions and comments are forwarded to the Department Heads for consideration at the appropriate Department Advisory Committee (DAC) meeting. Insisted that students and faculty members sign up for online courses that they were interested in. It is also suggested that appropriate steps be taken to include real-time problem solving through the

Faculty	• Conduct seminar for Skill development.	

Stakeholders	Feedback	Suggestions/ Action Taken by Feedback Review Committee
	• Industrial preparation for faculty to recognize the relationship between industry and the institution can be arranged. • An Outcome Oriented Education Program for newly appointed faculty can be coordinated. • Research quality can be improved by joint research with other institutions and industries.	use of Value Added Courses. • Conducted seminar for Skill development. • A Memorandum of Understanding (MOU) has been signed with industry, and faculty members have completed qualification courses through the signed industries. • OBE programmes and hands-on workshops were organized. • The initiative has taken the form of industry-sponsored student programmes that are overseen by faculty members.
Alumni	• Innovative projects to meet with industry expectations • More business trips should be arranged so that students can get hands-on experience with the concepts they're learning. • Subject experts will be invited to give lectures and engage with students one on one. • There is no practical experience of computer architecture. This may be beneficial to students looking for jobs at companies like Intel and Motorola.	• More guidance given for innovative projects to implement. • An industry tour was organized, and our students were able to visit companies and gain information. • Provided value-added programmes • Digipro and Terv tool was introduced to practice and make self assessment of programming language. • Encouraged students to engage in project competitions and Hackathons. They participated in various competitions and were selected for the next level. • The training and placement team has delivered industry related training.
Students	• Need self-learning tools • Participation in Hackathon	

Stakeholders	Feedback	Suggestions/ Action Taken by Feedback Review Committee
	can be promoted. • Subject experts could be invited to give lectures and engage in one-on-one. interactions with students • Practical experience in analytical courses is lacking.	

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