THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI - 625 015

(A Govt. Aided, Autonomous Institution affiliated to Anna University)

DEPARTMENT OF ARCHITECTURE

Ref: Arch/TLP/Feedback/Alumni/1   12.06.2019

Report on Alumni feedback:

Following suggestions are given by the Alumni for the Academic year 2018-2019

Suggestions given:

- Could be exposed to practical aspects of architecture and construction
- Need Exposure to issue based design approach
- Students could be allowed to take several online courses based on their interest

Action taken:

- The design projects are discussed with visiting faculty members before introduced to the class and real life issues are addressed.
- Inputs of service, structural consultants are given through workshops, lectures and design project reviews.
- Coursera courses sponsored through TCE have been encouraged among students.
- Students were allowed to take-up the online courses like Product Design & Innovation, Housing Policy and Planning, Structure form & Architecture and Culturally Responsive Built Environment offered by NPTEL

TLP   HOD ARCH

Ref: CSE\Feedback\Alumni\2018-19

Report on Alumni Feedback

Suggestions given

Following Suggestions are given by the alumni of our department with respect to the CSE curriculum

1. Students undergoing NPTEL courses can be credits under the elective category.
2. New courses on Deep Learning, Blockchain, SDN can be introduced
3. Convert the problem solving skills to projects and products
4. Coding skills and quality of coding need to be improved
5. Course projects may be introduced to provide solutions for real time applications
6. Problem solving exercises in courses may include industry relevant problems, real world examples

Action Taken

1. Students can exempt from program elective course on completing the NPTEL courses.
2. Students are motivated to participate in Hackathons and Programming contents
3. New elective courses on blockchain, software defined networking are introduced
4. Challenging problems are addressed during lab sessions
5. Some of the theory and lab courses are handled with course projects

HDCSE

Ref/TCE/ECE/Alumni/Feedbcak   17-7-2019

<u>Report on Alumni Feedback</u>

<u>Suggestions:</u>

Following are the Suggestions given by the alumni of out department in relevance with ECE Curriculum.

1. Students should be encouraged to engage with other departments to perform multidisciplinary projects.
2. Department research project should include UG student's participation, so that they will get exposure to research activities which help for their Higher studies and employment abroad.
3. Mapping of theory course with relevant practical applications is needed.
4. GATE and Competitive exams appearance should be encouraged and relevant coaching should be given.

<u>Action taken:</u>

1. Students were encouraged to collaborate with other department students to do the final project.
2. "Research paper Review" was introduced and encouraged students to actively participate in the department research activities with the guidance of the faculties.
3. Students were identified and facilitated to attend the GATE coaching given by TIME institute Hyderabad.

HODECE   17/7/19.

THIAGARAJAR COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ALUMNI FEEDBACK ANALYSIS

ACEDEMIC YEAR 2018-19

Alumni highly appreciated the way the syllabus are updated regularly.

The following are the high lights of analysis

- Theory and practical classes are likely to be handled by the same teachers.
- Laboratory based classes is more required comparing to theory classes.
- Application oriented laboratory experiments are needed.
- On theory courses, current technologies based are to be discussed without compromising the fundamentals.
- It is necessary to ensure that after finishing a lab course whether a student will able to apply the experiments in his future or whether he/she knows where to apply it or not.
- Some elective labs can be introduced.
- If possible software courses like python,sql,nerworks,java can be included.
- GATE exam based internal questions.
- Courses for Machine learning, deep learning may be included.

Action taken report

The department faculty are informed about the comments received and the same will be considered during the forthcoming board of studies meetings.

HDEE

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI 625 015.
Department of Information Technology
Alumni Feedback report for the curriculum Design (Revamp Process)

PARAMETERS	SUGGESTIONS	Action Taken

CONTENT TO BE ADDED IN THE CURRICULUM	• OS RUNNING ON EDGE DEVICES.
	• DEVICE TO CLOUD AND DEVICE TO DEVICE COMMUNICATION IN IOT,
	• DOCKERS AND THIER DEPLOYMENT STRATEGY TO EDGE DEVICES
	• CONCURRENT COLLECTIONS,DESIGN PATTERNS
	  JAVA SERVLETS,WEB SERVICES,ANGULAR JS
	• MATERIAL DESIGN CONCEPT
	• KOTLIN FOR ANDROID DEVELOPMENT (EVERYONE IS MOVING TOWARDS TO KOTLIN FROM JAVA FOR ANDROID INCLUDING GOOGLE. THERE ARE COUPLE OF REASONS, KOTLIN (JVM BASED LANG) IS MUCH EASIER LANGUAGE (CLIENT, SERVER AND ANDROID SUPPORT)
	  GOOGLE & ORACLE LAW SUIT AGAINST JAVA USAGE.
	• ANDROID SUPPORT LIBRARIES & JETPACK ANDROID (ANDROID BASIC LIBRARIES FROM GOOGLE USED BY ALMOST EVERY COMPANY RUNNING ANDROID APPS)
	• MOVE FROM ECLIPSE TO ANDROID STUDIO
	• JENKINS, DOCKER, KUBERNETES, MESOS/MARATHON
		Recommended to the Course designers to consider the suggestions during curriculum Revamp 2019-20,2020-21

CONTENT TO BE REMOVED FROM THE CURRICULUM	• GAMING • STORAGE MANAGEMENT, BACKUP MANAGEMENT • SWING • WORKING OF ACTUATORS	
PROGRAMMING LANGUAGES / SOFTWARE FRAMEWORKS / TOOLS	• ARDUINO, DEPLOYMENT SOLUTIONS LIKE RESIN,NXP • ANDROID STUDIO AND KOTLIN (ALTERNATIVE TO JAVA) • GO, JENKINS, BASH SCRIPT, PYTHON • SPRING COULD BE AN EXCELLENT FRAMEWORK TO LEVERAGE JAVA TO A GREATER EXTEN	

HOD/IT

Thiagarajar College of Engineering - Madurai

Academic year 2018-19 and 2019-20

The Following are the highlights of Alumni feedback Analysis:

- Application based Laboratory classes may be concentrated more.
- Theory cum Practical classes should be supported
- More Concentrated to the recent trend and Advanced technology like AI and Data Science courses may be included as electives
- Industry supported courses may be increased
- Students may be motivated to do research
- Assessment of courses should be learner centric.

Action Taken:

We conducted number of Industry supported recent technology Webinar to the MCA Students. And Commends Received From the Alumni and the same will be consider for the forthcoming Board of Studies Meeting

TLP – Co-ordinator

HDCA

Department of Mechanical Engineering

Alumni Feedback for the academic year 2018-19, 2019-2020

Sl No	Feed back	Action Taken
1	Industry person can be engaged in teaching	More one and two credit course are added to the curriculum and industry person is conducting the class for the students
2	Tribology can be added in the curriculum	It will be given as Industry supported courses in next revision
3	Include topics on Building and vehicle cooling (HVAC, Green building)	Course designers will include the content in next revision
4	Experiments in shaper shall be added to gain experience another domain of machine tool	Course designers will include in next revision
5	Restricted two software package only for FEA Experiments are intense may be reduced	Course designers will include in next revision
6	One lecture about friction (static and dynamic) as recap can be included --	Course designers will include in next revision
7	Statistics topic may begin with type of data. Incorporate measurement system analysis.	Course designers will include in next revision
8	Include topics on electrical systems and reduce content for transmission system, braking system	Course designers will include in next revision

HDME

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI - 625 015

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Department of Mechatronics Engineering

Report on Alumni Feedback 2018 -2019 ,2019-2020,2020-2021

S.no	Feedback	Action Taken
1.	Application based Exercises shall be included in the laboratory courses	Faculty Taking laboratory courses are instructed to explore the Possibilities.
2.	Regression and Curve fitting Techniques to be added in Statistics.	Course Designers will include the topics in next revision
3.	Different mode of communication shall be included such as RS 232, RS 485, PCI, PXI, GPIB, USB, Ethernet etc. and concepts of Programmable automation controller (PAC)	Course Designers have incorporated the suggested Topics in Industrial Automation and Virtual Instrumentation
4.	Reconfigurable FPGA based system need to be included.	Embedded System course Designer have been Instructed to include the topics
5.	LASER physics, hologram, application part of mechatronics, interferometry to be added	New Elective Course Introduction to photonics has been Introduced in the regulation
6.	Agricultural application and other case studies shall be included and protocols Wi-Fi, Bluetooth, ZigBee to be include	The Recommended Topics have been added in the Wireless Sensor networks
7.	Introduction to design of EV, selection of BLDC motor and Self-diagnosis, electro chemistry, four quadrant controls to be added	New Elective Course Elective Vehicle Technology have been introduced in R-2018
8.	Smart structures with sensing and actuation part to be included IoT aspect	New Elective Course Smart Building Systems have been Introduced in R-2018

HDMCT