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 14.02.2020

Report on Alumni feedback:

Following suggestions are given by the Alumni for the Academic year 2019-2020

Suggestions given:

- Require Management skills and communication skills (English and Entrepreneurial skills) could be part of curriculum.
- Knowledge about traditional as well as contemporary construction materials and techniques are required.
- Curriculum to reflect current trend in architecture
- Need exposure on Building automation, service integration, augmented reality and many other latest innovations in architecture.
- Curriculum should give more focus on practical training Internship period could be made into 1 year (2 Semesters).

Action taken:

- Above suggestions were taken for revamping the courses for the academic year 2021-22
- Workshop on Manual Drafting and Digital Presentation by Ar.P.R.S.Sivakumar (Prof.Des.Chair) was conducted
- Feedback from employers and visiting faculties are taken every year to make sure that the syllabus is reflective of what the industry demands from a young graduate.
- The department is now equipped with Virtual reality and 3d printing technology for the students to explore and have basic knowledge about latest innovations in Architecture.
- Internship duration is governed by COA regulations and cannot be implemented at the discretion of the department

TLP

HOD ARCH

Thiagarajar College of Engineering, Madurai – 625 015

(A Government Aided ISO 9001 : 2008 Certified Autonomous Institute Affiliated to Anna University)

Department of Computer Science and Engineering

Ref: CSE\Feedback\Alumni\2019-20

Report on Alumni Feedback

Suggestions given

1. Curriculum can include latest programming languages from the start of 2nd semester and can give more importance to coding skills.
2. Curriculum should be updated with current IT trends and technologies.
3. Give more importance to practical classes and ask the students to practice on application oriented experiments or projects.
4. Make the students to learn the fundamentals / core concepts of CSE thoroughly.
5. Every student must be made to develop atleast one valid software / product either as individual or as a team.
6. The lab experiments should make the students to learn the concepts and apply the concepts learned for solving real world complex problems.

Action Taken

1. CSE curriculum is updated with courses covering latest trends and technologies including Devops, microservices architecture, 5G protocols, Kubernetes and REST APTs.
2. Programming courses were introduced from 2nd semester onwards such as python, C, C++, Java, web programming.
3. Students are asked to develop a complete application/project during practical and theory cum practical courses covering all the experiments.
4. Training programs for enhancing the fundamental skills on CS core areas are arranged.
5. Students are motivated to participate in hackathons and programming contests
6. Coders Club has been started to help the students on improving their problem solving and coding skills

HDCSE

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI – 625 015

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

Department of Electronics and Communication Engineering

Ref/TCE/ECE/Alumni/Feedbcak 10-12-2020

Report on Alumni Feedback

Suggestions:

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

1. Industry Internship/field experience has to be more encouraged.
2. Collaboration with professors in higher learning institution has to be improved with respect to courses handling and research project.
3. Elective courses in the curriculum should provide the necessary knowledge in the chosen subsystems / allied areas.
4. Present work should be motivated to publish in international conferences/seminars has to be more encouraged.

Action taken:

1. Industry internship was made mandatory and awarded credits as per AICTE guidelines.
2. Adjunct faculties from higher learning institutes have been identified to offer classes for UG and PG students
3. Restructuring the curriculum is under progress by the 1999 batch of Alumni members and meritorious members from other batches for Under Graduate.

10/12/2020

HODECE

ALUMNI FEEDBACK ANALYSIS

ACEDEMIC YEAR 2019-20

Alumni expressed their satisfaction in the curriculum and its regular update.

The following are the high lights of analysis

- Laboratory based classes should be concentrated more
- Theory should be supported by practical applications.
- Delivery and assessment of courses should be learner centric.
- Advance technology courses may be included as electives.
- Students should be directed towards an expertise in any of the software.

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	Recommended to the Course designers to consider the suggestions during curriculum Revamp 2019-20,2020-21
	• 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	
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

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI – 625 015.
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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