



DEPARTMENT OF ARCHITECTURE

30.10.18

Report on Alumni Feedback

Suggestions given:

Following suggestions are given by the Alumni for the Academic Year 2017-2018

1. Research activities and Practical Exposure need to be given to the students.
2. Real life practical knowledge through Real life Practitioners are needed.
3. Strengthen the curriculum to impart more practical knowledge and technical skill to students

Actions Taken

1. Visiting Days of Design chair(Senior Practicing Architect) has been increased to provide more practical knowledge and to refine the design of the students.
2. Senior Practicing Architects are involved in regular Architectural Design Teaching and Evaluation
3. In Theory cum studio subjects more weight age given for practical contents and assignments
4. Regular case study visits arranged for staff members are students to construction sites and various typology of buildings

V. Lakshmanan
TLP

Amriti Kuley
HOD Arch



THIAGARAJAR COLLEGE OF ENGINEERING MADURAI-15
(A Govt. Aided Autonomous Institution affiliated to Anna University)

DEPARTMENT OF CIVIL ENGINEERING

Report on Alumni Feedback

Suggestions:

Following are the suggestions given by the alumni of our department

- Safety at construction sites must be a part of curriculum
- Requires more field studies than classroom teaching
- Encourage interdisciplinary research work for final year project.
- Participation in seminars has to be improved
- Programs like personality development is to be improved
- Industrial Collaboration, Competitive Exam Awareness, Placements are the areas need to be improved

Action Taken:

- Above Suggestions are taken into account while revamping courses for the academic year 2018-2019.
- Practice of site visit has been improved.
- Students are allowed to carry out research project in various domains.
- Various sessions has been arranged especially for giving awareness about Competitive Exam preparation.


HDCE

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI – 625 015
DEPARTMENT OF CIVIL ENGINEERING

Summary of Employer survey:-

Course Code	Course Name	Feedback	Action taken	Curriculum developed/ modified in the year
14CE610	Design of RC Elements	Students need to be strong in fundamental subjects like Strength of materials and Structural analysis	Revision of syllabus were made. Students were given more tutorial sessions.	2015
		Introduce industry supported courses delivered by industrial experts.	One credit course named Framing of structures and optimum foundation systems delivered by Mr.Prasanna .S Asst.Manager, Structural design, L&T Chennai.	2018
		Students need to undergo ^{plant} training and should have more industrial visits.	Two weeks of internship during vacation was made mandatory for the students.	2015

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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\1

Dt: 16.07.2018

Report on Alumni Feedback

Suggestions

Following are the suggestions given by alumni of our department in relevance with CSE curriculum.

1. Can improve practical knowledge
2. Strong mentoring for students to improve soft skills and motivation for involving in research/entrepreneurship/higher studies are needed.
3. More importance can be given to projects and lab experiments. Staffs can initially give more practice and then make us code because theory and lab are two different things. More encouragement towards mini project and monitoring them is needed. This will help them thrive in industry and do well in placements.
4. Strengthen the curriculum in a way students get practical exposure rather than theoretical classes and make it in a better way for students to be followed in that way.

Action Taken

1. Above suggestions are taken into account while revamping lab courses for the Academic Year 2018 – 2019.
2. Improved Faculty Student relationship by allocating Student batches from second year onwards to work (mini project) under their guidance.

ST. S. K. S.
HDCSE
[Signature]



THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI – 625 015

(A Govt. aided, ISO 9001:2008 certified,
Autonomous Institution Affiliated to Anna University)
Department of Electronics and Communication Engineering

Ref: ECE/Feedback/Alumni/1

Report on Alumni Feedback

Suggestions:

Following are the suggestions given by the alumni of our department in relevance with ECE curriculum.

1. Allow Students to participation in department R&D projects and department association activities/contests.
2. More importance can be given to projects and lab experiments. Staffs can initially give more practice and then make us code because theory and lab are two different things. More encouragement towards mini project and monitoring them is needed. This will help them thrive in industry and do well in placements.
3. Strong mentoring for students to improve soft skills and motivation for involving in research/entrepreneurship/higher studies are needed.
4. Strengthen the curriculum in a way students get practical exposure rather than theoretical classes and make it in a better way for students to be followed in that way.

Action taken:

1. Above suggestions are taken into account while revamping lab courses for the Academic year 2018 -2019.
2. Improved Faculty Student relationship by allocating Student batches from second year onwards to work (mini project) under their guidance

S. J. Thirumangalakudi
HOD-ECE

Summary of feedback from external stake holders to articulate PEOs for B.E EEE Programme

Job Opportunities:

Opportunities in core companies (Semiconductor industry, automotive industry, relay Manufacture Company etc)

- Opportunities in software companies
- For research jobs (CSRI, DRDO etc)
- Post graduate in electrical and electronics engineering
- Government jobs related in electrical engineering (TNEB, CSRI, DRDO, IES, PSU)
- Power engineers
- Network engineering
- Energy audit

Competencies required:

- Knowledge in embedded system, motor drives, control to implement and innovate in field
- Knowledge in microprocessor and microcontroller, machines, power system transient, transmission and distribution, digital protection, substation automation and power system simulator
- Strong in smart grid concept, renewable energy resources,
- Able to design. Selection, operation and maintenance of power plant
- Knowledge in embedded C, python, HDL, network design and web based learning
- Able to design ICs
- Able to develop and debug application
- Strong in basic mathematics, coding skill and team work

S. K. Kumar

HDEE

Major Highlights of Alumni Feedback on Curriculum Design

PARAMETERS	SUGGESTIONS
CONTENT TO BE ADDED IN THE CURRICULUM	<ul style="list-style-type: none"> • OS RUNNING ON EDGE DEVICES. • DEVICE TO CLOUD AND DEVICE TO DEVICE COMMUNICATION IN IOT, • DOCKERS AND THIER DEPLOYMENT STRATEGY TO EDGE DEVICES
	<ul style="list-style-type: none"> • CONCURRENT COLLECTIONS,DESIGN PATTERNS JAVA SERVLETS WEB SERVICES ANGULAR JS
	<ul style="list-style-type: none"> • MATERIAL DESIGN CONCEPT
	<ul style="list-style-type: none"> • 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.
	<ul style="list-style-type: none"> • ANDROID SUPPORT LIBRARIES & JETPACK ANDROID (ANDROID BASIC LIBRARIES FROM GOOGLE USED BY ALMOST EVERY COMPANY RUNNING ANDROID APPS)
	<ul style="list-style-type: none"> • MOVE FROM ECLIPSE TO ANDROID STUDIO • JENKINS, DOCKER, KUBERNETES, MESOS/MARATHON
CONTENT TO BE REMOVED FROM THE CURRICULUM	<ul style="list-style-type: none"> • GAMING
	<ul style="list-style-type: none"> • STORAGE MANAGEMENT, BACKUP MANAGEMENT
	<ul style="list-style-type: none"> • SWING
	<ul style="list-style-type: none"> • WORKING OF ACTUATORS
PROGRAMMING LANGUAGES / SOFTWARE FRAMEWORKS / TOOLS	<ul style="list-style-type: none"> • ARDUINO, DEPLOYMENT SOLUTIONS LIKE RESIN,NXP
	<ul style="list-style-type: none"> • ANDROID STUDIO AND KOTLIN (ALTERNATIVE TO JAVA)
	<ul style="list-style-type: none"> • GO, JENKINS, BASH SCRIPT, PYTHON
	<ul style="list-style-type: none"> • SPRING COULD BE AN EXCELLENT FRAMEWORK TO LEVERAGE JAVA TO A GREATER EXTENT
SUPPORTING COURSES	<ul style="list-style-type: none"> • ANY SPECIFIC IOT PLATFORM TOOLS SPECIALIZATION
	<ul style="list-style-type: none"> • SPRING CORE FRAMEWORK

HOD/IT

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI 625015
ALUMNI CURRICULUM FEEDBACK REPORT

ALUMNI BATCH: 2013-2016 - MCA

Observations:

1. Courses reflecting current trends shall be offered
2. Conduct of theory and laboratory courses shall be augmenting teamwork and communication
3. Development of entrepreneur skills required
4. Usage of modern tools and techniques in theory and laboratory courses

Suggestions for existing courses to increase the impact:

Updates in Business related courses
Updates in Mobile Applications , especially Android

Suggestions for additional Courses/topics:

Android based mobile application development
Mini project
Advanced Java Technologies

Anitha D
TLP Coordinator

ganeshvaran
HODCA

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI 625015
ALUMNI CURRICULUM FEEDBACK REPORT

ALUMNI BATCH: 2014-2017 - MCA

Observations:

1. Courses in current trends shall be offered as electives
2. Problem based approach shall be practiced in theory and laboratory courses
3. Academic activities to support teamwork and communication shall be increased
4. Courses shall be offered outside curriculum to enhance entrepreneurship skills
5. Effective conduct of theory and laboratory courses with appropriate tools and techniques
6. Placement oriented activities shall be increased

Suggestions for existing courses to increase the impact:

Removal of COBOL Programming Lab
Updates in E-Commerce and E-Business
Updates in Mobile Applications
Advanced web technology features
Updates in Business process re-engineering and Business processes

Suggestions for additional Courses/topics:

Unix/ Linux programming
Python programming
Machine Learning
Big data and related databases, Block Chain
Updates in Business process re-engineering and Business processes
Android based mobile application
Mini projects using latest tools and frameworks
Advanced Java Technologies

Anilka D

TLP Coordinator

pankaj

HODCA

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI 625015
ALUMNI CURRICULUM FEEDBACK REPORT

ALUMNI BATCH: 2015-2018 - MCA

Observations:

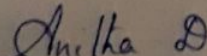
1. Courses reflecting current IT trends shall be introduced
2. Activities to support teamwork and communication shall be promoted
3. Laboratory courses shall be practiced to improve analytical skills
4. Additional courses and activities related to entrepreneurship skills are required

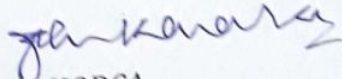
Suggestions for existing courses to increase the impact:

COBOL Programming Lab not needed
Updates in E-Commerce and E-Business and Data Mining
Updates in Mobile Applications
Advanced web technology features
Updates in Business process re-engineering

Suggestions for additional Courses/topics:

Unix / Linux interfacing
Python programming as a laboratory course
Artificial Intelligence, Machine Learning
Big data and related databases, IOT
Android based mobile application


TLP Coordinator


HODCA



Thiagarajar College of Engineering, Madurai -625 015

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Department of Mechanical Engineering

Action taken report

Feedback was requested from Alumni

S. No	Feedback	Action Taken	Courses
1	Syllabus should include Gate questions	New courses introduced for preparation of competitive exams	14ME4C0 Capstone I and 14ME7C0Capstone II have been introduced in IV and VII Semester which will recap the knowledge of previous semesters
2	Internship must be encouraged	Sent students for internship during vacation	Students can earn 2-4 credits through internship
3	Courses should synchronize with current industrial needs	One credit course is introduced	14 ME1A0 - Product Life Cycle Management, 14ME1B0 - Mechanical Engineering Perspective in Rocketry Systems, 14ME1C0 - Basics of HVAC, 14ME1D0 - Nuclear engineering, 14ME1F0 - Industrial Hydraulics, 14ME1H0 - Finite Element Method for Product Development, 14ME1K0 - Non Destructive Testing, 14ME1L0 - Gas Turbine Engines, 14ME1M0 - Value Engineering, 14ME1N0 - Six Sigma, 14ME1P0 - Marine Systems and maintenance, 14ME1Q0 - Vision based dimensional measurement, 14ME1R0 - Aerospace materials and manufacturing processes and 14ME2A0 - Digital twin technology was introduced as one credit course
4	To improve design ability to students proposed by Dr. D. K. Subramani, Eminent alumni	Design Course is introduced	14ME420 Engineering Design is introduced in IV semester to give the basic knowledge on new product development

K. S. S.

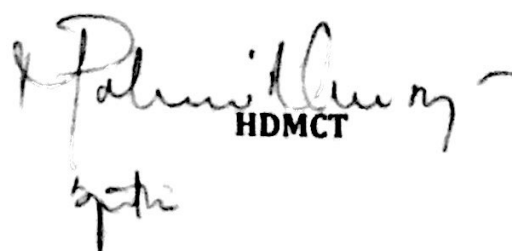
HDME

Thiagarajar College of Engineering
Department of Mechatronics Engineering

Feedback was requested from below stakeholders

1.Alumni

S.no	Stakeholder	Feedback	Action Taken
1.	Alumni	Mechatronics being started in 2k14 needs more improvement.	Whole syllabus has been improved in 2018 regulation
2.		Please Improve the explanation of Laboratory courses and involve students in a motivational way to achieve greater Participation. Also motivate students by giving projects in each course to make them understand the course in better way. Give students a mechatronics project with some exciting prizes every semester to increase the involvement in their curriculum throughout the semester.	More importance is given to many subjects with theory and practical (TCP) subjects
3.		Few courses were repeated in different semesters. Important courses like machine design, artificial intelligence shall be given as mandatory instead of being elective	This suggestion is taken into consideration and will be discussed in next BOS meeting
4.		Few concepts were repeated in different semester. Reframe the syllabus of core subjects to current trend (technology).	As per the current technology the Syllabus is reframed in 2018 regulation
5.		Lab facility for micro-controller and better teaching faculty	Microcontroller is separated as theory and practical in regulation 2018
6.		The syllabus of Fluid Mechanics and Thermal Engineering subjects could be increased. Any one programming language could be taught in detail.	Python is introduced and fluid mechanics and thermal engineering syllabus is remodelled
8.		Much more mechanical oriented are needed	As per Request mechanical content will Be added after discussing in BOS
9.		Teach industry based & current technology and fundamental and text book	One and Two credit Courses has been Conducted for current Technology
10.		Courses more relevant to Mechatronics and useful syllabus for placements can be added	Syllabus has been Revamped in regulation 2018. For placements separate training has been given for the Students


HDMCT