



**INSTITUTE OF AERONAUTICAL ENGINEERING**  
(Autonomous)  
Dundigal - 500 043, Hyderabad, Telangana

**2018 - 2019**

## DEPARTMENT OF AERONAUTICAL ENGINEERING

### Stakeholders feedback action taken report Academic year: 2018 - 2019

S.No	Feedback given by	Feedback / Suggestions	Action Taken	Evidence
1	Employer	Aptitude training is required	The Career Development Centre (CDC) conducts aptitude test regularly and special training program by internal as well as external experts.	Career development center activities
		Computer programming related courses need to be included in the core branch	To provide better placements for core branch of students, curriculum contains programming course like Programming for Problem-Solving, Object-Oriented Programming through Python Laboratory, Data structures etc. are included (As per AICTE model curriculum).	Bos minutes and R18 curriculum
2	Alumni	Electives offered in relation to the technological advancements	Based on feedback received by the alumni, Curriculum contains set of professional elective course, where student have choice to select	Bos minutes and R18 curriculum
		Programming language courses should be taught by live examples or practical problems	Career development centre conducts various training programs by giving real time examples. On some programs expert lectures are conducted which can help the students go get practical exposure	Bos minutes and R18 curriculum
3	Students	Students access to research labs beyond the academic hours	To promote research culture among students and for final year project works, institute allows the students utilize the laboratory and research facilities beyond the working hours.	Bos minutes and R18 curriculum
		More practice sessions on coding	Build-IT platform is devised for coding and students are encouraged to participate in the national level hackathon.	Bos minutes and R18 curriculum
4	Faculty	Value – added courses to be included	For the development of employable and life skills, Institute conducts value added courses like learning certification courses like Material testing, Generative Shape design using CATIA etc.	Bos minutes and R18 curriculum
		More choices to be given to the students for the selection of electives	Number of professional and open elective courses are offered for the students, which can help the students to get inter and intra disciplinary knowledge.	Bos minutes and R18 curriculum

**HOD - AERO**

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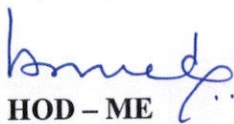
**PRINCIPAL**

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**DEPARTMENT OF MECHANICAL ENGINEERING**

**Stakeholders feedback action taken report  
Academic year: 2018 - 2019**

S.No	Feedback given by	Feedback / Suggestions	Action Taken	Evidence
1	Employer	More Emphasis on Problem Solving and Critical Thinking	Problem solving and critical thinking questions are the integral part of all the courses. The Tutorial question banks are prepared which contains short Problem solving and critical thinking and long answer questions to emphasize this issue.	Bos minutes and R18 curriculum
		Needs improvement in communication skills	Special training programs on Verbal and English communication skills by internal experts belongs to Career Development Centre (CDC). The training help the students to improve communication skills	Placement statistics
2	Alumni	Training programs must be included to make students ready to face challenges in the interview to get job	Career Development Centre (CDC) conducted training classes on aptitude, verbal and reasoning, and programming to the students which will help the students get the core jobs.	Placement statistics
		More focus on practical oriented topics	Special focus will be taken on practical oriented courses department wise and also by CDC, which will help the students improve their practical skills	Placement statistics
3	Students	Needs more field visits for real world exposure	Encourage the students to meet with external experts where students can get real world exposure	Field projects/internships
		Programming course needs to be included	Course like Programming for problem solving data structures both theory and laboratory are included in the curriculum, which will benefits the students to improve their programming skills.	Bos minutes and R18 curriculum
4	Faculty	More skill lab courses and elective courses should be included in the curriculum in relation to the technological advancements	Based on feedback received by the faculty skill related laboratory courses and also provide flexibility to select professional and open elective courses	Bos minutes and R18 curriculum
		Encourage the students towards value added courses	Based on the input received by the faculty, department conducts value added courses which enable the students to enhance their skills	Bos minutes and R18 curriculum

  
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**DEPARTMENT OF CIVIL ENGINEERING**

**Stakeholders feedback action taken report  
Academic year: 2018 - 2019**

S.No	Feedback given by	Feedback / Suggestions	Action Taken	Evidence
1	Employer	Need to improve technical skills	To improve the programming skills, Build-IT platform is designed. Career development centre provides training where students can enhance their technical skills, which help them to participate various coding contest.	Placement statistics
2	Alumni	Training programs must be included to make students ready to face interviews.	Job oriented training programs on aptitude, English and programming languages are conducted by CDC, which will make the students ready to face interviews.	Placement statistics
		The curriculum is up to date and relevant from the point of view of employability	New courses and professional elective courses are introduced which can meet the local, global and industry needs	Bos minutes and R18 curriculum
3	Students	The curriculum is up to date and relevant from the point of view of employability	Based on the feedback received by the students advanced courses are included in the curriculum and also rich of professional elective courses are included which are relevant from the point of employability	Bos minutes and R18 curriculum
		Need more industrial visits for real -world exposure is required	Industrial visit is encouraged to the students, institute have MoUs with MSME - CITD, NSIC, and NRDC. These visits are conducted and monitored by industry institute interaction centre (IIIC).	Bos minutes and R18 curriculum
4	Faculty	Curriculum, syllabus and the sequence of the courses in the curriculum are need to well defined and balanced	Curriculum consists of courses along with syllabus are in sequence and are well balanced like core, skill, professional and open electives courses	Bos minutes and R18 curriculum
		More skill labs courses implemented and also should include industry related elective courses	Advanced skill enhancement training will be given by Career development centre on Build-IT platform	Bos minutes and R18 curriculum

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**DEPARTMENT OF ELECTRONICS AND COMMUNICAITON ENGINEERING**

**Stakeholders feedback action taken report  
Academic year: 2018 - 2019**

S.No	Feedback given by	Feedback / Suggestions	Action Taken	Evidence
1	Employer	Computer programming related courses need to be included in the curriculum	Based on the feedback received by the employer programming courses introduced in the curriculum which will benefits the students in their campus placement.	Bos minutes and R18 curriculum
		Engineering fundamentals to be strong	More focus will be given on core courses and in laboratories advanced concepts are discussed and provide support to do real time problems which will help the students to get their employability.	Bos minutes and R18 curriculum
2	Alumni	Training is required to the students which will help them to place in different core sector industries.	Company specific training programs are conducted by Career Development Centre (CDC), which will help the students to get jobs in their core companies	Placement Statistics
		Curriculum facilitates development of analytical / problem solving / critical thinking and innovative skills	Curriculum is designed in such way that it facilitates the students to acquire skills by participating various coding contest	Bos minutes and R18 curriculum
3	Students	Students access to research labs beyond the academic hours	To promote research culture among students and for final year project works, institute allows the students utilize the laboratory and research facilities beyond the working hours.	Bos minutes and R18 curriculum
		Need to provide adequate flexibility choose the courses	Students have flexibility to choose professional electives and also have a choice to select open electives of branches courses, and these are included in the curriculum	Bos minutes and R18 curriculum
		Sufficient practical exposure is provided for the theoretical concepts in the courses	Build-IT platform is devised for coding and students are encouraged to participate in the national level hackathon.	Bos minutes and R18 curriculum
4	Faculty	Curriculum should include application-oriented courses as professional and open elective courses	Based on the input received by the faculty members, more choice are given to the students to select professional and open elective courses.	Bos minutes and R18 curriculum
		The curriculum is up to date and relevant from the point of view of employability	Curriculum is revised in every two years, which consists of all latest courses which meets local, global and industry standards, it support students to improve technical and interaction and skills of the students.	Bos minutes and R18 curriculum

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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**Stakeholders feedback action taken report  
Academic year: 2018 - 2019**

S.No	Feedback given by	Feedback / Suggestions	Action Taken	Evidence
1	Employer	Students have to improve communication skills	Special training programs are scheduled and conducted for improving the communication skills by career development centre	Placement Statistics
		Aptitude training is required	The Career Development Centre (CDC) conducts aptitude test regularly and special training program by internal as well as external experts.	Placement Statistics
2	Alumni	Electives offered in relation to the technological advancements	Advanced professional elective courses are introduced which can meet the local, global and industry needs	Bos minutes and R18 curriculum
		Provide course related information well in advance before commencement of the classes for all the students	It is mandatory to prepare course full stack for the all courses well in advance and uploaded in Akanksha (Learning Management Systems) portal along with lecture notes.	Bos minutes and R18 curriculum
3	Students	Usage of teaching and ICT in the class by faculty to facilitate teaching	To encourage the digital learning, all the classrooms are equipped with ICT enabled facilities	Bos minutes and R18 curriculum
		The courses enhance the analytical / problem solving / critical thinking / innovative skills	To enhance the knowledge of the students, tutorial question bank is prepared for all the courses which consists of problem solving and critical thinking questions.	Bos minutes and R18 curriculum
4	Faculty	Required to add application-oriented courses in the curriculum	Advanced course like Power System Analysis, Electrical Measurements and Instrumentation, are included and also branch specific professional elective courses are included which can help the students to enhance their skills in advanced courses	Bos minutes and R18 curriculum
		Sufficient practical exposure is provided for the theoretical concepts in the courses.	Laboratories are divided into short and long. Where long labs contain elaborated experiments which are related to meet real life problem. Students can get more awareness by doing long and short labs experiments.	Bos minutes and R18 curriculum

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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**Stakeholders feedback action taken report  
Academic year: 2018 - 2019**

S.No	Feedback given by	Feedback / Suggestions	Action Taken	Evidence
1	Employer	Suggestion to strengthen the communication skills	English communication training programs are scheduled and organized by Career Development Centre (CDC) for the students to improve their communication skills.	Placement statistics
		Courses that focus on application of domain specific knowledge in new context and develop entrepreneurial / employable skills to be offered	Value added courses handled by academic / industry expert are offered outside the curriculum through online / offline mode based on the requirement. Industry- academia connects ensured through Webinars, online guest lectures, conclave and training programs	Bos minutes and R18 curriculum
2	Alumni	Curriculum enables the graduates to take up leadership and managerial roles	Curriculum contain courses which focus on skill and employability-based courses which enables the graduates to take up leadership and managerial roles.	Bos minutes and R18 curriculum
		Need to give more focus on interdisciplinary activities in many courses	Honours / Minor programs are introduced to address this issue.	Bos minutes and R18 curriculum
3	Students	Curriculum should add advanced courses related to intra and inter disciplinary	Based on the input received by the students, courses like Principle of Artificial Intelligence Bigdata and Business analytics, Cloud Application Development etc. are included in the curriculum, and also students have a flexibility to choose different professional and open elective courses offered by the other branches	Bos minutes and R18 curriculum
		Additional activities aimed at skill development	Planning to organizing skills refined through the conduct of workshops, competitions, seminars and co-curricular/extra-curricular activities	Bos minutes and R18 curriculum
4	Faculty	Skill set has to be improved to meet industrial requirement and need to be more focus on practical oriented courses	Based on the input received by the faculty members, advanced skill set is required in the curriculum to enhance the employability of engineering graduates like – Python programming, R Programming, java full stack development and rich of professional electives courses are included in the curriculum	Bos minutes and R18 curriculum
		Sufficient number of relevant reading materials and digital resources are available in the Library	Adequate number of textbooks, reference books are made available in central library. Students can access magazines, e-books to improve their skills.	Bos minutes and R18 curriculum

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**HOD – CSE**

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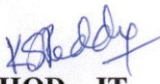
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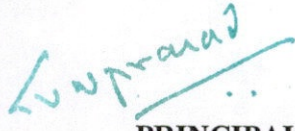
**DEPARTMENT OF INFORMATION TECHNOLOGY**

**Stakeholders feedback action taken report  
Academic year: 2018 - 2019**

S.No	Feedback given by	Feedback / Suggestions	Action Taken	Evidence
1	Employer	The syllabus helps in bridging the gap between industry and academia	Curriculum is designed in such way that, it includes all the latest courses which helps in bridging the gap between industry and academia	Bos minutes and R18 curriculum
		Opportunity to get technical training from the external members	Career development centre conducts technical training programs on latest technologies from internal and external expert members, which will help the students to enhance their skills.	Bos minutes and R18 curriculum
2	Alumni	Design of the courses encourages / motivates extra learning or self-learning	E Learning Rediness (ELRV) videos are developed for most of the courses which facilitates the students view and enhance their skills, and students have an opportunity to self-learning	Number of ELRV videos developed
		The curriculum is up to date and relevant from the point of view of employability	Curriculum is revised after every two years, which consists of all latest courses which meets local, global and industry standards, it support students to improve technical and interaction and skills of the students.	Bos minutes and R18 curriculum
3	Students	Sufficient practical exposure is provided for the theoretical concepts in the courses	Institute developed Build-IT platform, where students can get sufficient practical experience by participating various Hackathons, Ideathon conducted by the Career Development centre	Advanced learning programs and performance
		Placement training sessions should be conducted from third year on wards	To encourage advanced learners, special training programs SkillUp / Skill Bridge are conducted and it is a part of curriculum and encourages the students from third year onwards at institute level to improve the employability.	Bos minutes and R18 curriculum
4	Faculty	Adequate exposure is provided to the relevant software	Periodically faculty development programs are organized in the department, so faculty can benefited, training sessions are conducted by the external members so faculty get benefited	Bos minutes and R18 curriculum
		More usage of modern content delivery methods	ICT teaching learning methods were introduced to take up new way of learning. Elearning readiness videos (ELRV) are available for the students which can help them to self-study	Bos minutes and R18 curriculum

  
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