



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal - 500 043, Hyderabad, Telangana

2021 - 2022

DEPARTMENT OF AERONAUTICAL ENGINEERING

Stakeholders feedback action taken report Academic year: 2021 - 2022

S.No	Feedback given by	Feedback / Suggestions	Action Taken	Evidence
1	Employer	Emphasis on Problem Solving and Critical Thinking and also needs to improve their communication skills	Problem solving and Critical thinking questions are the part of all the courses and tutorial question banks are prepared which contains short and long questions to emphasize this issue. Training is conducted by career development centre which can also improve the communication skills of the students	Department advisory minutes and Course Full stack preparation
2	Alumni	Professional Ethics and gender sensitivity related courses need to include in the curriculum.	Make students sensitized the curriculum is designed and it is mandatory to do the courses like, Indian constitution, Essence of Indian traditional knowledge and gender sensitization etc.	Bos minutes & UG 20 Curriculum
		More placements required from core companies	More company specific training is given to the students which can help them to place in core companies. Students are placed in Core companies like Tata Advanced Systems, Infosys.	Bos minutes & UG 20 Curriculum
3	Students	Need industrial visits for real – world exposure	Students are encouraged for industrial visit where they can gain domain exposure.	Bos minutes & UG 20 Curriculum
		More training is required to get knowledge on programming	Skill enhancement training programs like SkillUp / SkillBridge are introduced so students can improve their programming skills	Bos minutes & UG 20 Curriculum
4	Faculty	More value – added courses to be included	1. For the development of employable and life skills, Institute conducts learning certification courses like Aeromodelling, Additive Manufacturing technologies etc.	Bos minutes & UG 20 Curriculum

HOD – AERO

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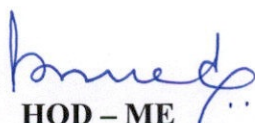
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Telangana State

DEPARTMENT OF MECHANICAL ENGINEERING

Stakeholders feedback action taken report Academic year: 2021 - 2022

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 part of all the courses and tutorial question banks are prepared which contains short and long questions to emphasize this issue.	Course Full stack preparation
		Students have to improve communication skills	Special training programs are scheduled and conducted by the Career Development Centre (CDC) for the students to improve their communication skills	Career development centre activities
2	Alumni	Training programs must be included to make students ready to face challenges 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 job	Career development centre activities
		Mandatory and Value-added courses	To make students sensitized the curriculum is designed mandatory courses like, Indian constitution, Essence of Indian traditional knowledge, gender sensitization etc. Apart from mandatory courses, value added courses also introduced to the students to enhance their skill set	Bos minutes and UG 20 curriculum
3	Students	Usage of teaching and ICT in the class by faculty to facilitate	To encourage the digital teaching all the classrooms are equipped with ICT facilities,	Academic council
		Skill enhancement and flexibility to do multidisciplinary projects	It is mandatory to all the students to undergo field project / field practicum / internships / in-plant training during their B.Tech program and also provision is available for the students to take up FSI program at the industry / research laboratory programs to solve the real time industry problems.	Bos minutes and UG 20 curriculum
4	Faculty	More choices for the given the students for selection of electives	To make students gain knowledge in multi-disciplinary aspects, the number open electives offered to the students, where they can get the opportunity to study other branch courses.	Bos minutes and UG 20 curriculum
		Sufficient practical exposure is provided for the theoretical concepts in the courses.	Few core laboratories are divided into short and long labs. Where long labs contains experiments which are related to real life problem. Students can get more awareness by doing long and short labs experiments.	Bos minutes and UG 20 curriculum
		Encourage the students towards internships and more practical orientation	Based on the input received by the faculty, internships are introduced as part of the curriculum to impart the practical application knowledge in students	Bos minutes and UG 20 curriculum


HOD - ME

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DEPARTMENT OF CIVIL ENGINEERING

Stakeholders feedback action taken report Academic year: 2021 - 2022

S.No	Feedback given by	Feedback / Suggestions	Action Taken	Evidence
1	Employer	Students have to improve their programming skills	Special care will be taken and training programs can be conducted for the students to enhance their programming skills.	Placement training schedule activities
2	Alumni	Training programs must be included to make students ready to face challenges to get core job	Institute have career development centre, which consists of rich text of training programs from IV semester onwards, so students can get benefited and ready to face challenges to get core job.	UG 20 curriculum
		The curriculum is up to date and relevant from the point of view of employability	New courses are introduced which can meet the local, global and industry needs	UG 20 curriculum and Bos minutes
3	Students	More advancements in Surveying and Geomatics course need to be included in the curriculum	Curriculum contains Surveying and Geomatics theory and laboratory courses where students can work with total stations, new equipments is procured where students can enhance their skills by	UG 20 curriculum and Bos minutes
		Need industrial visits for real – world exposure	Students are encouraged for industrial visit where they can domain exposure.	UG 20 curriculum and Bos minutes
4	Faculty	More software coding-oriented courses to be included	Programming courses like Python programming, Data Structures, Advanced Python programming, Object oriented programming languages are included in the currilum which can benefit the students to get employed.	UG 20 curriculum and Bos minutes

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T. V. Prasad

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Stakeholders feedback action taken report

Academic year: 2021 - 2022

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	Career development centre activities
		Students have to improve their programming skills	Training programs are conducted for the students to improve their programming skills. Build – IT tools is available for the students where students can get good programming exposure by solving number of problems.	Career development centre activities
2	Alumni	To provide course related information well in advance before commencement of the classes for all the students	For all the courses, course full stack has been prepared well in advance and uploaded in Akanksha (Learning Management Systems) portal along with lecture notes.	LMS Portal
		More professional elective courses need to be introduced in the curriculum	Advanced elective courses are introduced which can meet the local, global and industry needs	Bos minutes and UG 20 curriculum
3	Students	Honours / Minor programs to be introduced	To get in depth knowledge in their core specialization / to acquire knowledge of other branch courses Honours / Minor program are introduced for B.Tech V semester students.	Bos minutes and UG 20 curriculum
		Support to provide co-curricular and extra-curricular / sports hours	To enhance the skills of the students, dedicated ECA/CCA and sports hours are included where students can participate and benefited	Bos minutes and UG 20 curriculum
4	Faculty	Advanced courses need to be included in curriculum	New core and professional elective courses are included in the curriculum which can help the students in their placement	Bos minutes and UG 20 curriculum
		Sufficient practical exposure is provided for the theoretical concepts in the courses.	Few core laboratories are divided into short and long labs. Where long labs contains experiments which are related to real life problem. Students can get more awareness by doing long and short labs experiments.	Bos minutes and UG 20 curriculum

HOD – EEE

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Stakeholders feedback action taken report

Academic year: 2021 - 2022

S.No	Feedback given by	Feedback / Suggestions	Action Taken	Evidence
1	Employer	Students have to improve programming skills	Build-IT platform is devised for coding and students are encouraged to participate in the national level hackathon.	Build IT
		Communication skills of the students need to be improved	Special training programs are scheduled and conducted by the Career Development Centre (CDC) for the students to improve their communication skills	Career development centre activities
2	Alumni	Conduct communication skills related webinars / programs then students can get more opportunities	Based on input received by the alumni, to improve communication skills of the students webinars / training programs are conducted by career development centre inhouse members / expert from the outside.	Career development centre activities
		To improve academic facilities and activities as per the industry standards.	Hands on training by the internal experts of how to use LabVIEW environment and special PCB design centre lab designed to train the students on Printed Circuit Board (PCB) design which is incorporated in the curriculum	UG 20 curriculum
3	Students	Curriculum should add advanced courses related to intra and inter disciplinary	Based on the input received by the students, courses like Antennas and Wave Propagation, Electronic Measurements and Instrumentation, Microwave and Radar Engineering etc. are part included in the curriculum, and also students have a flexibility to choose different open elective courses offering by the other branches.	Bos minutes and UG 20 curriculum
		Internship is the integral part of the curriculum	Students have a flexibility to do internship, so they can get knowledge on real time work.	Bos minutes and UG 20 curriculum
4	Faculty	Curriculum should include more advanced courses	Based on the input received by the faculty members, advanced courses are included in the curriculum and also rich of professional electives courses are offered	Bos minutes and UG 20 curriculum
		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 UG 20 curriculum
		The syllabus is relevant for competitive examinations like GATE, PSUs, UGC NET, IES, GPAT, GMAT, etc.	Curriculum is designed in such way it will meet all the local, global and industry standards and also relevant to all competitive examinations	Bos minutes and UG 20 curriculum

HOD - ECE

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Stakeholders feedback action taken report

Academic year: 2021 - 2022

S.No	Feedback given by	Feedback / Suggestions	Action Taken	Evidence
1	Employer	Students have to improve communication and technical skills	Instructions were given and made them to participate in academic related programs that helped them improve their communication and technical skill. Build-IT platform is devised for coding and students are encouraged to participate in the national level hackathon. Training programs are scheduled by Career Development Centre (CDC) for the students to improve their communication skills.	Career development centre activities
2	Alumni	To improve academic facilities and activities as per the industry standards.	Hands on training by the internal faculty and training is provided to students on java full stack and R programming, Advanced Python Programming etc as per the needs of the industry	Bos minutes and UG 20 curriculum
		Suggestions for more focus on interdisciplinary activities in many courses	Honours / Minor programs are introduced to address this issue.	Bos minutes and UG 20 curriculum
3	Students	Curriculum should add advanced courses related to intra and inter disciplinary	Based on the input received by the students, courses like R programming, Graph theory 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 UG 20 curriculum
		Need more training required to slow learners on problem solving	Slow learners are identified and special classes are conducted both offline and online by the internal faculty and focus given more on problem solving and critical thinking questions.	Mentoring
4	Faculty	Curriculum should include more advanced courses	Based on the input received by the faculty members, advanced courses are included in the curriculum and also rich of professional electives courses are offered	Bos minutes and UG 20 curriculum
		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 UG 20 curriculum
		Need more focus on Industrial training	Internships are introduced to enhance the experience of real time environment. Different types of internships by Virtusa, Epam etc.	Bos minutes and UG 20 curriculum
		Suggested to increase more number of reference books	More reference books are made available in central library. Students can access magazines to improve their skills.	Bos minutes and UG 20 curriculum

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HOD - CSE

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DEPARTMENT OF INFORMATION TECHNOLOGY

Stakeholders feedback action taken report Academic year: 2021 - 2022

S.No	Feedback given by	Feedback / Suggestions	Action Taken	Evidence
1	Employer	Students have to improve communication and technical skills	Instructions were given and made them to participate in academic related programs that helped them improve their communication and technical skill. Build-IT platform is devised for coding and students are encouraged to participate in the national level hackathon. Training programs are scheduled by Career Development Centre (CDC) for the students to improve their communication skills.	Career development centre activities
2	Alumni	Suggestions for more focus on interdisciplinary activities in many courses	Honours / Minor programs are introduced to address this issue.	Bos minutes and UG 20 curriculum
3	Students	Placement training sessions should be conducted from third year onwards	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 UG 20 curriculum
		Need more training required to slow learners on problem solving	Slow learners are identified and special classes are conducted both offline and online by the internal faculty and focus given more on problem solving and critical thinking questions.	Bos minutes and UG 20 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 UG 20 curriculum
		Need more focus on Industrial training	Internships are introduced to enhance the experience of real time environment. Different types of internships provided by Virtusa, Epam etc.	Bos minutes and UG 20 curriculum
		Suggested to increase more number of reference books	More reference books are made available in central library. Students can access magazines to improve their skills.	Bos minutes and UG 20 curriculum


HOD - IT

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DEPARTMENT OF CSE (AI&ML)

Stakeholders feedback action taken report Academic year: 2021 - 2022

S.No	Feedback given by	Feedback / Suggestions	Action Taken	Evidence
1	Students	Placement training sessions should be conducted from third year onwards	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.	Career development centre activities
		Need more training required to slow learners on problem solving	Slow learners are identified and special classes are conducted both offline and online by the internal faculty and focus given more on problem solving and critical thinking questions.	Mentoring system
2	Faculty	Adequate exposure is provided to the relevant software	Periodically faculty development programs are organized in the department, so faculty can benefit, training sessions are conducted by the external members so faculty get benefited	IQAC Annual report
		Need more focus on Industrial training	Internships are introduced to enhance the experience of real time environment. Different types of internships by Virtusa, Epam etc.	Bos minutes and UG 20 curriculum
		Suggested to increase more number of reference books	More reference books are made available in central library. Students can access magazines to improve their skills.	Library


HOD - CSE (AI & ML)

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DEPARTMENT OF CSE (DATA SCIENCE)

Stakeholders feedback action taken report Academic year: 2021 - 2022

S.No	Feedback given by	Feedback / Suggestions	Action Taken	Evidence
1	Students	Placement training sessions should be conducted from third year on	Career Development Centre offering different training programs like SkillUp / Skill Bridge from IV semester onwards. Programs consists of Aptitude, English Communication, verbal and reasoning ad coding etc.	Career development centre activities
		Curriculum should include more advanced courses	Based on the input received by the students advanced courses are included in the curriculum and also rich of professional electives courses are offered from V semester onwards.	Bos minutes and UG 20 curriculum
2	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 UG 20 curriculum
		Suggested to increase more number of reference books	More reference books are available in central library. Students can access magazines and e-books to improve their skills.	Library


HOD - CSE (DS)

Head of the Department
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DEPARTMENT OF CSE (CYBER SECURITY)

Stakeholders feedback action taken report Academic year: 2021 - 2022

S.No	Feedback given by	Feedback / Suggestions	Action Taken	Evidence
1	Students	Need more interactive sessions to exposure on real-time problems	Guest lectures are conducted by experts where students can get more exposure on real time problems	IQAC Annual report
		The course objectives and outcomes are needed to be stated for each of the course.	For all the courses course objectives and course outcomes are prepared before commencement of the semester and uploaded into institute website.	UG 20 Curriculum
2	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	IQAC Annual report
		Need more focus on Industrial training	Internships are introduced to enhance the experience of real time environment. Different types of internships by Virtusa, Epam etc.	Students undergone various projects in Industries
		Suggested to increase more number of reference books	More reference books are made available in central library. Students can access magazines to improve their skills.	Library book collection


HOD - CSE (CS)

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Telangana State

DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

Stakeholders feedback action taken report

Academic year: 2021 - 2022

S.No	Feedback given by	Feedback / Suggestions	Action Taken	Evidence
1	Students	Curriculum should add advanced courses related to intra and inter	Based on the input received by the students, courses like R programming, Graph theory etc. are included in the curriculum, and also students have a flexibility to choose different professional and open elective courses offered by the other	UG 20 curriculum
		Need more training required to slow learners on problem solving	Slow learners are identified and special classes are conducted both offline and online by the internal faculty and focus given more on problem solving and critical thinking questions.	Mentoring system
2	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	IQAC Annual report
		Need more focus on Industrial training	Internships are introduced to enhance the experience of real time environment. Different types of internships provided by Virtusa, Epam etc.	Students undergone various projects in Industries
		Suggested to increase number of reference books	More reference books are made available in central library. Students can access magazines to improve their skills.	Library book collection


HOD - CSIT

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