

SONA COLLEGE OF TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING

Stakeholders feedback action taken report on Curriculum Design - 2019-20 (Odd Semester)

Date: 20.7.2019

| Stakeholders | Feedback from stakeholders | Action to be taken | Action Taken |
|---------------------|---|--|---|
| Students | Python Programming and Problem solving course may be included in the curriculum to enhance the Programming knowledge | Python Programming and Problem solving will be added in the curriculum | Python Programming and Problem solving has been introduced as one of the elective course in the 2019 regulation |
| | Heating, Ventilation and Air-Conditioning course may be including for core related placement. | Planned to include Heating, Ventilation and Air-Conditioning course in the curriculum | Heating, Ventilation and Air-Conditioning course added in the 5 th semester in the curriculum. |
| Faculty | Need to including COBOT in the syllabus of Industrial Robotics is required. | Introduction to COBOT will be included in the new curriculum. | Introduction to COBOT added in the curriculum |
| | suggested including the topics as per the GATE syllabus | Some of the GATE exam as well as comparative exam topics will be added in the new curriculum. | GATE exam topics added in the new curriculum |
| Alumni | Suggest to introduction of CNC in manufacturing technology and also suggest adding basic tool operations as a theory. | CNC programming and basic tool operations will be included in manufacturing technology course. | CNC programming and basic tool operations are added as a topic in the first and fifth unit in the 3 rd semester manufacturing technology course. |

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|--------------|---|---|--|
| | Need to including Rapid Prototyping is the open elective for other department students and Additive Manufacturing Technology is the departmental professional elective as a new course in the curriculum. | Rapid Prototyping and Additive Manufacturing Technology will be added in the new curriculum as open elective and professional elective. | Rapid Prototyping and Additive Manufacturing Technology was included in the new curriculum. |
| Employer | Ask to in introducing the topic of Introduction of Materials in the curriculum. | The topic Introduction of Materials may be included in the curriculum | Introduction of Materials is included as a topics in the new Engineering metrology and measurement course in the 5 th semester. |
| | Suggest that students should know programming from the first semester itself so that they will be comfortable to work in the software and become placement ready. | C and C++ is removed in the old curriculum and Python Programming will be include in the new curriculum. | Python programming added in the 3 rd semester course. |
| | 3D conceptual design topics in analyzing HVAC system may be included in the curriculum. | 3D conceptual design topics in analyzing HVAC system has been planned to be included in the next curriculum. | To enhance the students to know the 3D conceptual design topics in analyzing HVAC system has introduced in the new regulations. |
| Parents | include more placement oriented training and courses | More placement training and value added courses will be Included in curriculum | Included placement training and value added courses in the curriculum. |

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|--------------|---|---|---|
| | Need orientation and guest lecture to pursue higher studies | Orientation and guest lecture will be arranging the students those who pursuing higher studies. | Orientation and guest lecture arranged and conducted. |

[Handwritten Signature]
 BOS Coordinator/Mechanical

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SONA COLLEGE OF TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING

Stakeholders Feedback Action Taken Report on Curriculum Design - 2019-20 (Even Semester)

Date: 10.01.2020

| Stake Holders | Feedback from stakeholders | Action to be taken | Action Taken |
|----------------------|--|---|--|
| Students | Recommend adding Python for engineers, Probability & Statistics, Art of Research Writing Paper. | Syllabus framing has to be considered which can be added as elective subject. | It is been included in R2019 Regulation |
| | More attention needs to be given for numerical courses because they are a component of many competitive tests, like GATE, etc. | For students who are pursuing higher education, technical training classes will be held on the weekends and in the evenings. | Special technical training classes are in progress |
| Faculty | It is recommended that the ethics syllabus can incorporate a current case study. | Case studies are to be given as a part of innovative assignments | Case studies are taken as a part of innovative assignments |
| | Material flow should be included in the manufacturing process laboratory. | It has to be included in the manufacturing process laboratory. | It is included in the manufacturing process laboratory. |
| | Suggested to elevate the standard of advancement in Manufacturing Process. | Planned to improve the standardization of the Manufacturing process course through include Machining timing calculation, welding strength and metal pouring rate calculation on the forthcoming curriculum. | It is been included in R2019 Regulation |

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|---------------|--|--|---|
| | Prerequisite subject for data analytics can be prescribed | Topics can be studied as self-study/Seminar | Machine learning with python programming added as prerequisite subject in the new curriculum. |
| | For the benefit of the students' knowledge, it is advised to include topics like troubleshooting, electrical motors and gas engines. | The suggested topics can be covered through expert lecture and industrial visit. | Many and industrial visit and guest lecture is planned on each semesters |
| Alumni | Inclusion of IoT, R-Programming, Python, machine Learning and Robotics are highly recommended | Additional courses have to be introduced in the curriculum | Additional courses have introduced in the curriculum as a special audit courses |
| Employer | The duration of projects and industrial training can be prolonged. | Sufficient industrial visits are planned on each semesters | Inter/Intra projects are done by the students during 8 th semester |
| | Incorporate communication skills improvement courses. | Training classes need to be conducted in evening | Special communication training classes are on-going |
| Parents | How to face in interview and lead in group discussion should be included in curriculum | This is a part of Mechanical Engineering student Association as a part of Extra-curricular Activity | Each semester technical events are conducted. |
| | There should be more hands-on training on a various types of machinery. | Except high-end equipment's, students are permitted to take hands on experience on all equipment's during laboratory session | Hands on experience on all equipment's is given during laboratory session |

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