SONA COLLEGE OF TECHNOLOGY

DEPARTMENT OF MECHANICAL ENGINEERING

Stake Holders Feedback Action Taken Report-2020-21 ODD Semester

Date: 17.07.2020

Stakeholders	Feedback from stakeholders	Action to be taken	Action Taken
Students	Tutorial hours shall be included in analytical subjects.	Discuss with Timetable coordinator for implementing Tutorial hours for analytical subjects.	Tutorial hours are included in the analytical subjects' syllabus.
	Real time industrial collaborative problems are to be included.	Plan to add industrial problems by getting the suggestions from the industrial experts.	In "CAD/CAM laboratory" subject industrial problems has been Included.
	Competitive Exams syllabus topics may be included in the curriculum.	GATE exam topics will be planned to implement in the curriculum.	Gate exam syllabus topics are added in curriculum.
	Include the sensors and control related subjects.	The sensors and control system subjects will be discuss to be added in upcoming semesters	Introduced the course "Instrumentation and Control Systems".
Faculty	Suggest adding CFD topics in lab experiments.	Discuss to include computational fluid dynamics (CFD) in the curriculum for getting placement opportunities in the core area.	The CFD experiments included in the course "Thermal Engineering Laboratory".
	Advised to include 'image recognition techniques' topics.	Planned to implement the 'image recognition techniques' in the curriculum.	"Mechatronics systems design" and "Engineering Metrology" are available, which contains advanced topics.

Stakeholders	Feedback from stakeholders	Action to be taken	Action Taken
	Include the 'flow through channel experiment' in the syllabus.	Discussed with subject experts to implement the 'liquid phase and gaseous phase experiments' in the syllabus.	The 'Liquid phase experiments' and 'gaseous phase experiments' both included in 3rd and 6th semester curriculum respectively.
Alumni	Suggested to give more importance to the topic 'centroids'.	Planned to change the "Engineering mechanics" syllabus 3rd unit title to 'centroids' in the curriculum after a long discussion with expertise.	In "Engineering mechanics" syllabus, the 3rd unit title changed to 'centroids' in the mechanical curriculum under regulation 2015R.
	Include the vapor power cycles and its real time application in the syllabus.	Discuss to implement the vapor power cycle and its Real time applications in the Thermal Engineering subject.	In Thermal Engineering subject, vapor power cycle and its Real time applications are added in curriculum.
Employer	Suggested to mention the lecture and tutorial hours split up to all units.	Discussed with Timetable coordinators for adding the lecture and tutorial hours in the syllabus.	The lecture and tutorial hours split ups are mentioned in the curriculum.
	Include a digital manufacturing syllabus for better core placement.	Planned to introduce the subject title as "Conventional and digital manufacturing".	Conventional and smart manufacturing subject introduced to the students to learn about advanced manufacturing.
Parents	Need '3D printer Technology content' in the curriculum.	Discuss to implement the 3D printer technology in curriculum.	The topic is included in the "CAD/CAM laboratory"
	Suggested Industrial IOT subject for better	Discuss to implement Industrial IOT subject,	"IOT for mechanical engineering" subject

Stakeholders	Feedback from stakeholders	Action to be taken	Action Taken
	employability.	which has been considered as cutting-edge technology.	Introduced in the 5th-semester curriculum.
	Emerging topics like Robotics are to be included in the curriculum.	Planned to Introduce a course Robotics in the curriculum.	Introduced a professional elective course "Robotics and Industrial Automation" in the curriculum.

17/7/2020

BOS Coordinator/Mechanical

17/07/2020

BOS Chairman/Mechanical

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SONA COLLEGE OF TECHNOLOGY

DEPARTMENT OF MECHANICAL ENGINEERING

Stake Holders Feedback Action Taken Report -2020-21 EVEN Semester

Date: 17.02.2021

Stakeholders	Feedback from stakeholders	Action to be taken	Action Taken
Student	Include Coding and Programming subjects to grab a job in the software industry.	Plan to implement 'machine learning and industry 4.0', To prepare students for placement in the software sector.	Data Analytics with Python, Introduction to Industry 4.0, and Industrial Internet of Things subjects are included in professional elective in the mechanical curriculum.
	Introduce certificate diploma courses to enhance the students knowledge in latest trends in the mechanical engineering.	Discuss to Include the emerging area and latest technologies in the mechanical engineering with experts.	Introduced the certificate diploma courses including Computer numerical control (CNC) programming and Heating, ventilation, and air conditioning (HVAC) in the mechanical curriculum.
	Competitive Exam syllabus topics may include in the syllabus.	Plan to add GATE syllabus important topics in the forthcoming mechanical curriculum.	Gate exam syllabus Topics are added to the mechanical curriculum.

Stakeholders	Feedback from stakeholders	Action to be taken	Action Taken
Faculty	Suggest to include the 'multi-disciplinary' subject concepts in the syllabus.	Discuss to add the 'multi-disciplinary' subjects with other department experts and industrial experts.	The students will learn many multi-disciplinary papers in the open elective subjects offered by various departments in higher semester.
	Include the 'Object Oriented Programming' subject.	Discuss to incorporate the scope an importance of 'Object Oriented Programming' to get the job opportunities in software companies.	The 'Object Oriented Programming for Mechanical Engineering' subject added to the mechanical curriculum.
Alumni	Suggest adding Stirling cycle topic in Thermal engineering subject.	Planned to implement Stirling cycle in Thermal engineering subject.	The Stirling cycle topic was added to the Thermal engineering subject in the mechanical curriculum.
	Add a subject about the Industry safety and working environment.	Discuss to include Industrial safety and Maintenance engineering which is very much useful for students.	The "Industrial safety" and "Maintenance engineering" subjects are offered to students in Open electives.
Employer	Suggested to add 'Material science' subject.	Planned to implement the syllabus of 'Material science' subject. Because it is a high-demand material for the current scenario.	The subject 'Engineering Materials and Metallurgy' is added in the mechanical curriculum.

Stakeholders	Feedback from stakeholders	Action to be taken	Action Taken
	Include programming in the 'Kinematics of machines' subject syllabus.	Discuss to implement the programming topic in the 'Kinematics of machines' subject syllabus as per the expert's suggestion.	In the 'Kinematics of machines' subject syllabus, the Python programming and Matlab programming added.
Parents	Add real time industrial problems to the students.	Planned to incorporate the many final year project work in Industry and companies. This helps students to learn the real time problems.	In 8th semester project works is included in the mechanical curriculum.
	For the well-being of students subjects like yoga can be given.	Discuss to implement the yoga to reduce stress levels and improve productivity.	The audit courses are being given to PG students. It Will be included in the mechanical curriculum.

17/2/21

BOS Coordinator/Mechanical

17/02/2021

BOS Chairman/Mechanical

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