


Prasad V. Potluri Siddhartha Institute of Technology
Department of Mechanical Engineering
MINUTES OF BOS Meeting Held on 30.04.2022

Agenda:


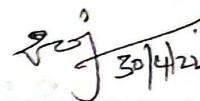







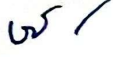


1. To discuss and finalize the III & IV B.Tech. course structure and revision of syllabus for PVP20 Regulations.
2. To discuss and finalize the courses and revision of syllabus for Honors and Minors Programme.
3. To discuss and finalize the course structure and revision of syllabus for M.Tech. PVP22 Regulations.

Minutes: It is decided to

1. Offer CAE/CAM Lab along with the course Finite Element Methods. Hence it is decided to float FEM as an elective subject under Professional Elective II
2. Float Artificial Intelligence and Machine Learning of Mechanical Systems as Professional Elective in VII semester.
3. Float Logistics and supply chain Management system as an Professional elective and Management Information system as a course in Honors category.
4. Pre-requisites must be added to the courses offered in each pool of Honors category.
5. Introduce Digital Manufacturing stream under Minor program instead of traditional Mechanical Engineering.
6. Add Autonomous vehicles and Electrical Vehicle courses under Automobile stream of Minor program.
7. Include brakes and clutches in Design of Transmission Elements course.
8. Include forced vibrations topic in Dynamics of Machinery course.
9. Include the topic "Force measurement" in Metrology and Measurements course.
10. Include "Acoustics" as a unit in Mechanical Vibrations course.
11. Include "Electrical Signal Monitoring" in Condition Monitoring and Signal Processing course.
12. Add "Non Traditional Optimization Techniques" in Optimization Techniques, Course offered under Honors category.
13. Add "Cryogenic Engines" in Aerospace Propulsion course. Offered under Honors category
14. Add "Batteries and Cell Technology" in Automobile Engineering Course.
15. Introduce the topic "NVH" in Automobile Engineering course.
16. Student must only do Project work in the VIII Semester. Internship may be avoided at this stage.
17. It is recommended to Academic Counsel to ratify 8 credits for Project work and 4 credits for seminar in VIII semester.
18. The minimum no of students to offer courses under Honors Programme is 5
19. Introduce "Rocket motor and Torpedoes shell design" in Pressure Vessel Design course in M.Tech. Machine Design programme.
20. Introduce "Fuzzy Logic Topic" in AI&ML for Mechanical Systems course instead of "Rasp Berry PI" in M.Tech. Machine Design programme.
21. 34 New Courses are introduced in undergraduate programme – B. Tech Mechanical Engineering
22. 02 New Courses are introduced in Post graduate programme – M. Tech Machine Design


HEAD 30/4/22
Mechanical Engineering Department
PRASAD V. POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANDURU, VILAYATI

Board of Studies

S.No.	Name of the Member & Designation	Phone Number and E-mail	Signature
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2	Dr. A.Venu Gopal Professor, Department of ME NIT Warangal Warangal – 560 004	Member, Nominee from Academic Council Cell: 9493318537 venu@nitw.ac.in anne_venu@yahoo.com	Attended online
3	Dr. V. Pandu Ranga Associate Professor, Department of ME IIT, Bhubaneswar Bhubaneswar	Member, Nominee from Academic Council 9776219149 E-Mail: pandu@iitbbs.ac.in	Attended online
4	Dr. B. Balakrishna Professor of Department of ME University College of Engineering, JNTUK Kakinada	Member, University Nominee Ph:8978618555 E-Mail:balakrishnajntu06@gmail.com	 30/4/22
5	Dr.P.Bangaru Babu Professor, Department of ME NIT, Warangal – 560 004	Member, Special Invitee Cell No:9440206342 E-Mail: bangaru@nitw.ac.in	Attended online
6	Dr. V. Rama Krishna Scientist - F, NSTL DRDO Visakhapatnam	Member, Representative from Industry Cell No:9703319880 E-Mail: ramki40@gmail.com	Attended online
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17	Mr. T.Srinag	Member Cell: 9440260583 srinag.tummala@gmail.com	
18	Mr. V S L N Prasanth	Member, Representative from Alumni Cell: 8247888290 E-Mail: valluruprasanth@gmail.com	Attended online