

Action Taken Report 2018-19 Department of Mechanical Engineering

	BOS Action taken Report-2019
Recommendation 1	<ol style="list-style-type: none">1. Choice based credit system w.e.f the academic year 2017 Item no. 7.2.22. Syllabi of the 1st and 2nd year of the B.Tech, mechanical engineering program of 2017-2021 was revised and approval. Item no. 7.2.23. Course of advanced materials for automobile should be offered as department elective. Item no. 7.2.24. Ergonomics for automobile as 7th semester elective Item no. 7.2.25. Advanced I.C engine and noise and air pollution in B.TECH ME-AE. Item no. 7.2.26. M.Tech thermal engineering- student study project was staggered in three semesters from 2nd to 4th semester. Item no. 7.2.3.7. For M.Tech thermal engineering – Program renamed as M.Tech thermal and fluid engineering. Item no. 7.2.38. Advanced mathematics (MA601) should be replaced by Modeling and simulation (ME605). Item no. 7.2.3.9. Modeling and simulation (ME605) should be replaced by computational method for heat transfer and fluid flow (ME643). Item no. 7.2.3.10. About B.Tech It was suggested by the expert about the 4 elective of humanities that it should be reduce by the more relevant subject like FEM, CFD and some simulation related course. Item no. 7.2.3.11. Suggested by the expert to shift the course manufacturing technology (ME302) to 4th semester and shift the course design of machine elements (ME209) to 5th semester. Item no. 7.2.3.12. From the elective list it was suggested to shift the elective advanced design of machine elements (ME345) to be shifted to the 6th semester. Item no. 7.2.3.13. It was suggested to offer an elective in industrial ergonomics in elective course. Item no. 7.2.3.14. In the 7th semester mechanical vibration (ME450) should be renamed as fundamental of sound and vibration. Item no. 7.2.3.15. It was suggested to offer automatic control as elective and signal processing, artificial intelligence, machine learning as open elective. Item no. 7.2.3.16. In 8th semester suggested that in place of course principle of management (ME453) a more applied course like supply chain management should be offered. Item no. 7.2.3.17. Expert suggested, setup a non-destructive lab. Item no. 7.2.3.18. Humanities elective in 8th semester should be more industry oriented. Item no. 7.2.3.19. Expert suggested that the course entrepreneurship development should be in 7th semester as department elective. Item no. 7.2.3.20. About the M.Tech CAD/CAM suggested renaming the program name as CAD/CAM and Robotics. item.7.2.4



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	<p>21. Suggested that the course like advanced robotics and control, automatic control and dynamics of mechanical systems should be offered as an elective. Item.7.2.4</p> <p>22. About course structure and syllabi of course to be offered in the Ph.D Mechanical Engineering, the expert suggested incorporating a chapter into a subject research methodology (MB901) on plagiarism. Item.7.2.7</p> <p>23. About the Diploma Mechanical Engineering, expert suggested to emphasis in course English about the topic related to conversational skills, group discussion, and personal interview and presentation skills. Item 7.2.8</p> <p>24. Suggest about the course self-employment and entrepreneurship development (ME305D) should be more market oriented. Item 7.2.8</p> <p>25. Suggested that the course manufacturing process (ME204D) with L T P distributions of 3-0-3 should be include one practical. Item 7.2.8</p> <p>26. Suggested for MMOCs in various program, and suggested that to start with 4 to 5 relevant course may be offered with credit transfer options under department elective course. Item 7.3.2</p>		
<p>Action Taken</p>	<p>Changes suggested in BOS has been approved in academic council (point no 1,2,3,6,10, 12,13, 15, 18,19,21,22,23,24,25) Changes suggested in BOS has not approved in academic council and put into further discussion and deliberation on that (point no 4, 5, 7, 8, 9, 11, 14, 16,17, 20, 26)</p>	<p>Responsibility Head ME</p>	<p>March 2019</p>



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Action Taken Report 2017-18
Department of Mechanical Engineering

Recommendation 1	BOS -2018 <ol style="list-style-type: none">1. New syllabi for the 1st year of the course, proposed by Mech. Engg. for revision Item. 1.12. IT WAS PROPOSED that the course thermodynamics be renamed as basic thermodynamics bearing as the same course code. Item. 1.23. It was suggested that B.Tech specializing in automobile engineering instead of basic thermodynamics" thermodynamics and heat engines" in 3rd semester to be introduced Item. 1.44. It was suggested to introduce advanced automobile engineering course in 6th semester be focus in CI and SI engines. Item. 1.45. It was suggested to retitled subject applied thermodynamics (ME-IV) as applied thermodynamics –I. Item. 1.46. The board suggests renaming the subject IC and RAC as applied thermodynamics II with upgraded syllabus. Item. 1.57. Styling studio/engineering stress analysis (ansys) course should be introduced with 0 0 2 L T P. Item. 1.5		
Action Taken	The Board further resolved to recommendation in academic council.	Responsibility Head ME	April 2018



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Action Taken Report 2017-18 Department of Mechanical Engineering

Recommendation 1	<p>BOS 2017</p> <ol style="list-style-type: none"> 1. About B.Tech 1st year, Board discussed the introduction of two new courses in course structure and also the syllabi for engineering mechanics and engineering measurement-II. Item no 01 2. Board discusses to proposed changes in the syllabi and course structure of the course engineering graphics and workshop. Item no 01 3. The evaluation scheme of engineering graphics is proposed by a mid-term exam of 20 marks. Item no 01 4. About M.Tech –Mechanical Engineering, expert suggest to rename the program name from M.Tech in Mechanical Engineering to M.Tech Mechanical engineering specialization in thermal engineering. Item no 02 5. Expert suggests to changes in the syllabus of the course LBB 120 and LBB 010. Item no 02 6. About B.Tech –7th semester ME, expert suggested to introduce following elective in the course, <ol style="list-style-type: none"> a) Cryogenics b) design of heat exchange c) solar energy d) smart materials and structure e) fuel, combustion & environment f) noise , vibration and harshness g) Energy audit. Item no 03 7. About B.Tech ME-2nd year specialization in automobile engineering, expert give the opinion to add more relevant basic subject in 3rd, 4th semester. Item no 04 8. Expert suggested reducing the contents of the units 4 and 5 of fluid mechanics and machines in IV semester curriculum. Item no 04
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Action Taken	<p>The Board further resolved to recommend the same to the UG/PG Academic committee for its approval in academic council.</p> <p>Point no 4 not approved in academic council and put in further deliberation and discussion.</p>	Responsibility Head ME	April 2017
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Action Taken Report 2016 -17
Department of Mechanical Engineering

Recommendation 1	BOS 2016 1. Course approved in BOS 2013 has been adopted as it is for this session.		
Action Taken	Course approved in academic council also.	Responsibility Head ME	




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