

Department of Mechanical Engineering
Samrat Ashok Technological Institute (Engineering College)

VIDISHA M.P.

SUB: Minutes of meeting of Board of Study for Mechanical Engineering Department held on 09 Dec 22.

- Ref: 1. Office Order no SATI/Steno/2022/81 dated 05-12-2022
2. Office order no Acad/Autonomy/BOS/2022/2146 dated 06-12-22

With reference to the above a meeting of Board of Study for Mechanical Engineering Department held on 09-12-22 at 3.00 PM in hybrid mode (online/offline) to consider and pass resolutions (if any) as per the given agenda.

AGENDA:

1. To discuss and finalize the syllabus for new subjects and changes proposed in the existing syllabi of the B.Tech. subjects.
2. To analyze result of previous semester.
3. To analyze previous semester question papers.
4. To regroup compulsory and elective subjects of VI, VII, VIII semester.
5. Any other point/suggestion from the members.

Following members were present in the meeting.

1. Dr. Sanjay Katarey, HOD & Chairman
2. Dr. Pankaj Agarwal, Professor in MED
3. Dr. Ashish Manoria, Professor in MED
4. Prof. Sanjay Jain , Asso. Professor in MED
5. Dr. Alka Bani Agarwal, Professor, RGPV, Bhopal (online mode)
6. Dr. V.R. Kalamkar, HOD Mechanical, VNIT, Nagpur (online mode)
7. Dr J L Bhagoria Professor MANIT Bhopal
8. Er. Awesh Jain, Vice President Project, Emami Agro Tech., Mumbai (Alumni) (online mode)
9. Dr CP Singh
10. Prof Neeraj Sen
11. Dr Kamlesh Sharma

12. Prof J P Shakya
13. Dr Pradeep Singh
14. Prof M S Lodhi
15. Dr Nitesh Raghuvanshi
16. Prof Nikhil Mohan Vyas
17. Prof Gopal Deshmukh

Agenda 1: To discuss and finalize the changes proposed in the existing syllabi of the B.Tech. subjects.

Syllabus of following subjects were considered for changes and approved by the BOS. The revised/approved syllabus is given in the annexure 1 to 5.

- (i) Automobile Engineering- VI Sem ME 1863 (A)
- (ii) Total Quality Management -VI Sem ME 1865(C) (open elective)
- (iii) Industrial Tribology -VIII Sem ME-1882(B) (open elective)
- (iv) Industry 4.0 - VIII sem ME 1882(C) (open elective)
- (v) Smart & Nano Material - VII Sem ME -1875(B)

Agenda 2: To analyze result of previous semester.

The summary of result of Dec-May 2021 semester for II,IV,VI,VIII semester as given in annexure 6 has been placed in the meeting. The committee unanimously expressed satisfaction over the result. It is pointed out that result of Mathematics I (II sem) and Mathematics II (IV sem) is below par as compared to other subjects hence emphasis be placed on completing the syllabus well in time and conducting remedial classes.

Agenda 3: To analyze previous semester question papers.

The question papers for previous semester were analyzed in the meeting and quality and the contents are found to be satisfactory. It is recommended that more analytical question be included in the higher semester question papers. Members also appreciated word limit for each question in the question paper.

Agenda 4: To regroup compulsory and elective subjects of VI, VII,VIII semester.

The regrouping as proposed found to be rational in the given backdrop of reduced credit for the program (one hundred and sixty) and covers most of the domain of the mechanical engineering. Hence regrouping of elective subjects as given in annexure 7 has been approved. The additional open elective subjects namely Total quality Management System, Tribology, Smart Manufacturing System/Industry 4.0, Smart & Nano Material have been approved for the inclusion in the list of open elective. It has

further been approved that open elective subjects namely Introduction to Economy and Finance, Total Quality Management and Industry 4.0 may be floated in any semester where open elective is in the scheme.

Agenda 5: Any other point

External members recommended inclusion of Fluid Mechanics as a compulsory subject in place of elective subject given its importance from mechanical engineering perspective. Hence it has been decided to include Fluid Mechanics as a compulsory subject in next revision of scheme for B Tech Mechanical Engineering.

Meeting concluded with vote of thanks to all the members present in the meeting.

Date 09-12-2022

Place: Vidisha

Dr. Pankaj Agarwal

Dr. Ashish Manoria

Prof. Sanjay Jain

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