



**SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES  
(AUTONOMOUS)**

**DEPARTMENT OF MECHANICAL ENGINEERING**

Ref: BoS/Mech/20-21

**Board of Studies Meeting held on 8<sup>th</sup> August 2020, 2020 at 10.30 A.M**

**Minutes of the Meeting**

**A. Action taken report on minutes / resolutions of BOS Meeting held on 28-05-2018**

Resolved to ratify Action Taken Report on minutes / resolutions of the BOS meeting held on 28.05.2018 submitted by the Chairman, BOS (Mechanical).

**B. Report on implementation of autonomy**

Chairman BOS presented a report on implementation of autonomy to the members. The board has congratulated the college authorities for successful implementation of SITAMS R18 regulations and syllabus for I & II Year.

**C. R18 - Syllabi of III and IV B.Tech. (Mechanical) Course Structure and Syllabi.**

Chairman, BOS (Mechanical) presented the course structure and syllabus of III, and IV year of B.Tech Mechanical. It is resolved to accept the same after thorough discussion and taking into consideration of the suggestions and remarks given by the members.

**I. Dr.B.DURGA PRASAD, University Nominee, JNTU, Ananthapur.**

1. In, III year I semester Thermal Engineering-II, if possible to move in II year II semester.
  - *Proposed and accepted to introduce in next regulation.*
2. Instead of Thermal Engineering- I & II, if possible make it as specific course name.
  - *Proposed and accepted to introduce more specific courses in next regulation.*
3. If, possible introduce community service programs in curriculum.
  - *Proposed and accepted to introduce in next regulation.*
4. Try to introduce separate CNC course
  - *At present, one unit is introduced in CAD/CAM/CIM course and also separate CNC Technology Lab course in IV-I.*
  - *Proposed and accepted to introduce separate CNC course in next regulation.*

5. Open elective course need to be introduced across the branches and make it most specific common courses.
  - *Proposed and accepted to introduce in next regulation.*
6. Try to merge the Computer Aided Machine Drawing and Computer Aided Analysis Lab and also introduce the Refrigeration and Air Conditioning lab in IV year I semester.
  - *Proposed and accepted to introduce separate Refrigeration and Air Conditioning lab in next regulation.*
7. Try to introduce Internship Program for all the students.
  - *Proposed and accepted to introduce in next regulation.*

**II. Dr.R.RAVINDAR, Industry Expert, Heatech Instruments, Chennai.**

8. Try to allow the students once in six months to participate Industry Institution Interaction programs for solving the real time problems and updating the current trends from industry.
  - *Considered and introduced, for all the students as Industrial Visits, Guest Lecture with Industry person.*
  - *Proposed and accepted to introduce Separate Internship Program for the students in next regulation.*
9. In the syllabus book, the number of periods / hours required to complete a unit need to be added for all the courses.
  - *Considered and added, for all the courses.*
10. Instead of I-I, I-II, II-I.....IV-II try to change the pattern of study in to 1 sem, 2 sem, 3 sem .....8 sem.
  - *Proposed and forwarded to the College Curriculum Development Cell for the future regulation.*
11. In Computer Aided Machine Drawing lab, in addition to assembly part drawings, disassemble part drawings are also need to be introduced.
  - *Considered and introduced in the particular lab course.*
12. Avoid repetition of topics in the syllabus contents.
  - *Considered to review the syllabus contents to verify the same.*
13. Try to follow the latest edition of Text book as well as Reference books.
  - *Considered and incorporate the same for all the courses.*

14. Try to introduce, Professional Ethics Course as mandatory course.

- *Considered and introduced, as Mandatory Pass Audit Course in IV-I.*

**III. Dr.B.JANARTHANAN, Subject Expert, Mohamed Sathak AI college of Engineering Chennai,**

15. In Institute Vision, try to add the Importance of professional ethics.

- *Proposed and forwarded to the College Curriculum Development Cell and IQAC for the future modification.*

16. Institute Mission statement need to be re-written and reduce the statements from six to four with more specific domain oriented.

- *Proposed and forwarded to the College Curriculum Development Cell and IQAC for the future modification.*

17. Program Educational Objectives (PEOs) and Program Specific Outcome (PSOs) need to be aligned as per NPTEL sources.

- *Proposed and forwarded to the College Curriculum Development Cell, IQAC and DAQIC for the future modification.*

18. Reframe the Mission, PEOs, & PSOs in future

- *Proposed and forwarded to the College Curriculum Development Cell, IQAC and DAQIC for the future modification.*

19. Correlations of Mission Statements versus Program Educational Objectives (PEOs) need to be verified.

- *Considered to review the same.*

20. Audit Course Details need to be included in the Credit Allocation table.

- *Accepted to add the value in the credit allocation table.*

21. Credit need to be assigned for MOOC in future.

- *Proposed and accepted to introduce in next regulation.*

22. For all the courses CO-PO mapping values need to be verified.

- *Accepted to recheck the CO-PO values for all the courses.*

23. PSO need to be added in CO-PO mapping table of all the courses.

- *Accepted to add PSO values in CO-PO mapping table for all the courses.*



24. In Online Comprehensive Test courses, CO-PO mapping need to be done.  
- *Accepted to write CO-PO mapping for OCT courses.*
25. In Theory of Machines –II, add the text book 'Design of Machinery: An Introduction to the Synthesis and Analysis of Mechanisms and Machines', Authored by Robert L. Norton.  
- *Accepted to add the same as Text book.*
26. In Fundamental of Vibration, add the reference book 'Mechanical Vibration Practice and Noise Control', Authored by V. Ramamurti.  
- *Accepted to add the same as Reference book.*
27. In Fundamental of Vibration, add the reference book 'Vibration & Acoustics Measurement & Signal Analysis, Authored by Sujatha C.  
- *Accepted to add the same as Reference book.*
28. In Machine Tools Technology, add the reference book 'Manufacturing Science, Authored by Amitabha Ghosh and Asok Kumar Mallik.  
- *Accepted to add the same as Reference book.*

**IV. Dr.N.VENKATAH. Subject Expert. IIT Tirupathi. Tirupathi**

29. Course Educational Objectives need to reduced / simplified  
- *Accepted to simplify the Course Educational Objectives for all the courses.*
30. With reference to the Program Outcomes, the Course Outcomes need to be strengthened / re-written.  
- *Accepted to re-write the Course Outcomes for all the courses.*
31. All the courses must contain at-least one Indian author and a Foreign author text book  
- *Accepted to add the same for all the courses.*
32. All the courses must contain equal number of Indian author and Foreign author Text books and References.  
- *Accepted to add the same for all the courses.*
33. If possible in Machine Tools Technology course, Theory of metal cutting part will be split in to two units  
- *Accepted to split the same.*
34. In Engineering Metrology and Measurements course, talysurf roughness tester part need to be removed and some latest surface measuring methods need be added.  
- *Accepted to add the latest surface measuring methods and removed the talysurf method.*

35. In Engineering Metrology and Measurements course, gages must be added in the tolerance section.  
 - *Accepted to add gauges in the first unit.*
36. In Engineering Metrology and Measurements course, the order of the measuring instruments needs to be maintained (For e-g: level - Autocollimator - Measurement).  
 - *Accepted to re-arrange the same.*
37. In CAD/CAM/CIM course, the unit - 4 & unit - 5 need to be Interchanged.  
 - *Accepted to interchange the same.*
38. In Mechatronics course, the CNC part needs to be removed.  
 - *Accepted to remove the same.*
39. Unconventional Machining Process course need to be renamed as Advanced Manufacturing Process or Modern Manufacturing Process.  
 - *Accepted to rename the same.*
40. Unconventional Machining Process course, the rapid prototyping contents need to be removed.  
 - *Accepted to remove the same.*
41. In 3D Printing and Additive Manufacturing Technology course, unit - 1 and unit - 2 need to be merged.  
 - *Accepted to merge the same.*
42. In 3D Printing and Additive Manufacturing Technology course, case studies and applications parts need be added as unit - 5.  
 - *Accepted to add the same.*
43. 3D Printing and Additive Manufacturing Technology course need to be renamed as Additive Manufacturing Technology.  
 - *Accepted to rename the same.*
44. Non-Destructive Materials and Evaluation course name has to be changed as Nondestructive Testing and Evaluation.  
 - *Accepted to change the same.*

**V. Mr. P.NAVEEN KUMAR, Ph.D Research Scholar, VIT University, Chennai.**

45. Improve the presentation skills of the students.  
 - *Accepted to improve the for presentation skills through Department Association Activities.*
46. Core skills of the student need be improved during the project work, in-terms of proper literature study.  
 - *Accepted to convey the same to project supervisors.*

**Members Present:**

1	Dr. S.RAJESH	BOS Chairman
2	Dr. B.DURGA PRASAD	External Member (JNTU, Nominee)
3	Dr.B.JANARTHANAN	External Member (Academics)
4	Dr.N.VENKAIAH	External Member (Academics)
5	Dr.R.RAVINDER	External Member (Industry)
6	Mr. P.NAVEEN KUMAR	External Member (Alumni)
7	Dr.K.VIMALANATHAN	Program Co-ordinator <i>Jal</i>
8	Dr.V.PALVANNAN	Module Co-ordinator
9	Dr.T.CHINNA PAMULETY	Module Co-ordinator <i>R. Sathu</i>
10	Mr.R.SATHEESH	Module Co-ordinator
11	Mr.P.GNANA PRAKASH	Module Co-ordinator <i>R. Sathu</i>
12	Mr.N.SATISH KUMAR	Module Co-ordinator <i>R. Sathu</i>

Meeting concluded with thanks to the Program Co-ordinator.

  
**Dr. S.RAJESH**  
Chairman  
BOS in Mechanical