



SRM VALLIAMMAI ENGINEERING COLLEGE
(An Autonomous Institution)
ESTD.1999 – Accredited by NBA- Approved by AICTE
SRM Nagar, Kattankulathur – 603203.
Board of Studies in Mechanical Engineering



1st MEETING OF THE BOARD OF STUDIES

DATE: 19.07.2019

TIME: 10.30 AM

AGENDA

M1.01 TO DISCUSS AND APPROVE TO FOLLOW THE B.E., DEGREE CURRICULUM AND SYLLABI OF ANNA UNIVERSITY REGULATION 2013 FOR I TO VIII SEMESTERS.

M1.02 TO DISCUSS AND APPROVE TO FOLLOW THE B.E., DEGREE, CURRICULUM AND SYLLABI OF ANNA UNIVERSITY REGULATION 2017 FOR I TO VIII SEMESTERS.

M1.03 TO DISCUSS AND APPROVE THE M.E., DEGREE (INDUSTRIAL SAFETY ENGINEERING), CURRICULUM AND SYLLABI OF SRMVEC REGULATION 2019 UNDER AUTONOMOUS FOR I & II SEMESTERS AND TO DISCUSS III & IV SEMESTERS.

M1.04 TO DISCUSS AND APPROVE THE B.E., DEGREE, CURRICULUM AND SYLLABI OF SRMVEC REGULATION 2019 UNDER AUTONOMOUS FOR I AND II SEMESTER FOR MECHANICAL ENGINEERING SUBJECTS:

M1.04.01. BASIC CIVIL AND MECHANICAL ENGINEERING – MECHANICAL ENGINEERING PORTION.

M1.04.02. ENGINEERING GRAPHICS,

M1.04.03. ENGINEERING PRACTICES LABORATORY – GROUP A [PART B], MECHANICAL ENGINEERING PORTION.

M1.05 TO DISCUSS THE B.E., DEGREE, CURRICULUM AND SYLLABI OF SRMVEC REGULATION 2019 UNDER AUTONOMOUS FOR III AND VIII SEMESTER.

M1.06 OTHER ITEMS, IF ANY, WITH THE PERMISSION OF THE CHAIRMAN OF THE BOARD OF STUDIES.

CHAIRMAN



MINUTES OF THE 1st MEETING OF THE BOARD OF STUDIES

Venue: Department of Mechanical Engineering

DATE: 19.07.2019

TIME: 10.30 AM

The Board of studies meeting started with the Welcome Address by the internal member Dr.S.Thirugnanam, followed by the power point presentation of the Chairman.

The following were the points discussed as per the AGENDA communicated,

- The Chairman highlighted that the Autonomy is for Quality Improvement and Bridging the Institute-Industry Gap.

M1.01: TO DISCUSS AND APPROVE TO FOLLOW THE B.E., DEGREE CURRICULUM AND SYLLABI OF ANNA UNIVERSITY REGULATION 2013 FOR I TO VIII SEMESTERS.

- From I to VIII Semesters of the **Anna University 2013 Regulation, curriculum and Syllabus themselves were agreed as in the Agenda above.**

M1.02: TO DISCUSS AND APPROVE TO FOLLOW THE B.E., DEGREE, CURRICULUM AND SYLLABI OF ANNA UNIVERSITY REGULATION 2017 FOR I TO VIII SEMESTERS.

- From I to VIII Semesters of the **Anna University 2017 Regulation, curriculum and Syllabus themselves were agreed as in the Agenda above.**

M1.03: TO DISCUSS AND APPROVE THE M.E., DEGREE (INDUSTRIAL SAFETY ENGINEERING), CURRICULUM AND SYLLABI OF SRMVEC REGULATION 2019 UNDER AUTONOMOUS FOR I & II SEMESTERS AND TO DISCUSS III & IV SEMESTERS.

- From I & II Semesters of the SRMVEC 2019 Regulation **for M.E., (ISE), the curriculum and Syllabus themselves were agreed as in the Agenda above.**
- Moreover the III & IV Semesters for M.E., (ISE) were also discussed.



M1.04: TO DISCUSS AND APPROVE THE B.E., DEGREE, CURRICULUM AND SYLLABI OF SRMVEC REGULATION 2019 UNDER AUTONOMOUS FOR I AND II SEMESTER FOR MECHANICAL ENGINEERING SUBJECTS.

- The committee analyzed the SRMVEC 2019 Regulation, Curriculum and Syllabus.
- The committee was of the thought that for 15 periods 1 credit may be awarded.

M1.04.01: BASIC CIVIL AND MECHANICAL ENGINEERING – MECHANICAL ENGINEERING PORTION.

- The Committee took-up Basic Mechanical Engineering (BME) for Discussion.
- The 4 credits given to BME may be alright, if accepted by the concerned departments EIE and EEE or else it may be reduced to 3.
- The 2 paragraph of the 1 unit may be included in I paragraph itself and the order may be rearranged.
- One more good book of latest edition may be included in the Text Books category; if possible foreign author text book may be included.

M1.04.02: ENGINEERING GRAPHICS

- In the Engineering Graphics (EG) it was decided that **3 hour practice per week** was a must, preferably in the AN session.
- For EG the total periods may be raised to **75** and the credits to **4**, periods for Unit V may be decreased and for Unit III it may be increased.
- Isometric Projection was considered as a must and it was needed to be included in the EG syllabi of Unit III and the overall load may be evenly distributed.
- Latest Edition Text Books and Reference Books were asked to be included and a Text Book by **ND Bhatt** was asked to be included apart from foreign author books.



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M1.04.03: ENGINEERING PRACTICES LABORATORY – GROUP A [PART B], MECHANICAL ENGINEERING PORTION.

- In Engineering Practices Laboratory (EPL), the committee felt that instead of Study exercises Assembly Practices were preferred.
- Tools may be **Power or Manual** both was preferred and the word ‘Only’ was asked to be removed from Power tools.
- Fitting Exercises were found to be a Must and it was asked to be included by balancing the Time Periods.
- The Exercises like Smithy, Foundry etc; may be demonstrated.
- The above point were discussed and approved I & II Semesters of the SRMVEC 2019 Regulation for B.E., Degree under the curriculum and Syllabus themselves were agreed as in the Agenda above.

M1.05: TO DISCUSS THE B.E., DEGREE, CURRICULUM AND SYLLABI OF SRMVEC REGULATION 2019 UNDER AUTONOMOUS FOR III AND VIII SEMESTER.

- The SRMVEC 2019 Regulation, Curriculum and syllabi discussed. Based on the discussion the following suggestion was given:
- The Subject name Strength of Materials for Mechanical Engineers was asked to be renamed as **Mechanics of Solids**.
- Laboratories for Strength of Materials and Fluid Mechanics needed to be separated.
- The Advanced Reading and Writing (ARW) may be moved to Value Added Course (VAC) category and the credits given to it may be modified.
- Manufacturing Technology Laboratory I&II may be renamed as ‘Manufacturing Technology Laboratory’.
- If Internship made mandatory, the department should assist the students to get permission from the Industry during Even semesters.




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- A single stretch of 30 days or two stretches of 15 days each was preferable and not less than that should not be accepted.
- The overall credit barrier may be removed and it may not be less than 160.
- If at all there was an activity carried out by a student without any credit, it may be included with suitable credit in the GPA calculation.
- For overall credit balancing the credits given to Labs. may be reduced to 1.5.
- Additional Infrastructure and laboratory equipments may be added to the department under the aegis of Autonomy.
- It was decided that the credits given to Non Technical activities like NSS/YRC etc which are not considered for GPA calculations may be reduced with the academic council approval.

The meeting then concluded with a cordial note by all the members.


20/7/19
DR.K. SIVAKUMAR
(Chairman)