

# Sri Venkateswara College of Engineering

(Autonomous - Affiliated to Anna University)

Pennalur, Sriperumbudur Tk - 602 117

16.10.2023

## **Minutes of Meeting of Board of Studies for Faculty of Mechanical Engineering held on 20.09.2023**

The meeting of Board of Studies for Faculty of Mechanical Engineering was held on 20.09.2023 at 2.00 pm on HYBRID mode (Venue: Conference Hall, New Library, Link: <https://meet.google.com/zsg-kqay-qpy>).

### **Members attended:**

Sl. No.	Name with Designation and Address	Category
1	<b>Dr. J. Venkatesan</b> Professor Department of Automobile Engineering Sri Venkateswara College of Engineering Pennalur, Sriperumbudur Tk - 602 117 hoda@svce.ac.in, 9444339292	Chairman
2	<b>Dr. K. Ashok</b> Associate Professor Department of Mechanical Engineering Puducherry Technological University Puducherry - 605 014 ashok@pec.edu, 9443434059	University Nominee
3	<b>Dr. S. Vengadesan</b> Prof. & Head / Applied Mechanics IITM, Chennai vengades@iitm.ac.in, 9940274465	Expert Member 1
4	<b>Dr. M. Senthil Kumar</b> Professor Department of Automobile Engineering Madras Institute of Technology Chennai - 600 044 karunachalam@mitindia.edu, 9884345564	Expert Member 2
5	<b>Dr. S. Selvaraju</b> Dean, Marine Studies Bharath University, Chennai nallissraj@gmail.com, 9444051630	Expert Member 3
6	<b>Mr. I. Meenakshi Sundaram</b> CTO Amalgamations Component Group, Chennai meenakshi@amalgamationscg.com, 8939151776	Industrial Expert 1
7	<b>Mr. L. Pasupathi</b> Divisional manager - Digital Organization Tractors and Farm Equipment Limited Huzur Gardens, Sembiam, Chennai - 600 011 pasupathi@tafe.com, 9952095646	Industrial Expert 2
8	<b>Mr. CPK Kashyap</b> Executive Director, The Sanmar Group No-9, Cathedral Road, Chennai - 600 086 CPKK1@sanmargroup.com, 9940062733	Industrial Expert 3

9	Mr. V. Ganapathi Rao Principal, Hindustan Institute of Maritime Training (HIMT) 3A, W-29, (New door No.7), W-Block, Grete Gardens 1 <sup>st</sup> Street, Anna Nagar, Chennai - 600 040 ganapathiraovenamali@gmail.com, 9884020096	Industrial Expert 4
10	Dr. Rino Nelson Assistant Professor Indian Institute of Information Technology, Design and manufacturing, Melakottaiyur, Kancheepuram (Dist), Chennai - 600 127 rino@iiitdm.ac.in, 9003357711	PG meritorious Alumnus 1
11	Mr. Kalisaran Ramalingam Branch Manager M/S Aurus Ship Management Pvt. Ltd. S2B, Amar Sindur Complex No 43, Pantheon Road, Egmore, Chennai - 600 008 kalisaran@aurusshipmanagement.com, 9884576482	PG meritorious Alumnus 2
12	All the faculty members of the Board	Members

### Agenda of the Meeting

1. Approval of the minutes of previous meeting held on 12.04.2023.
2. Revisiting the curriculum of UG programs under Regulations 2022.
3. Discussion on implementation of Credit Exchange & Honours & Minor degree.

At the start of the meeting Dr. J. Venkatesan, Chairman welcomed the members of Board of Studies. He informed that a new board of studies merging Marine Engineering board has been formed as per the direction of the Director, Centre for Academic Courses, Anna University. Chairman introduced all the members to the new University nominee Dr. K. Ashok.

Chairman briefed about the following UG and PG programs under the board:

- B.E. Mechanical Engineering
- B.E. Marine Engineering
- B.E. Automobile Engineering
- B.E. Mechanical And Automation Engineering
- M.E. Industrial Automation and Robotics

#### 1. Approval of the minutes of previous meeting held on 12.04.2023

- Dr. J. Venkatesan, Chairman requested the Heads of Automobile Engineering, Marine Engineering and Mechanical Engineering to present minutes of previous meeting of Board of Studies for the discussion and approval. BoS approved the minutes.



## 2. Revisiting the curriculum of UG programs under Regulations 2022

- Chairman and HoD AUT presented the curriculum II, III and IV Year B.E. Automobile Engineering, HoD MAR presented the curriculum II, III and IV Year B.E. Marine Engineering, and HoD MEC presented the curriculum II, III and IV Year B.E. Mechanical Engineering and B.E. Mechanical and Automation Engineering. All heads explained the salient points of the new curriculum. They also explained the outcome of the stakeholders meetings related to curriculum development.
- University nominee Dr. K. Ashok appreciated the efforts in arriving at new curriculum of I and II Year UG programs.

## 3. Discussion on implementation of Credit Exchange & Honours & Minor degree

- Chairman explained about the credit exchange scheme for the students and all the members welcomed the initiatives.
- Chairman briefed the **Honours & Minor degrees** to be implemented from 2022 batch under Regulations 2022 curriculum.
- He explained the eligibility and requirements to acquire Honours or Minor degree.

### (i) B.E./B.Tech. Honours (specialization in the same discipline):

- a. The student should have earned additionally a minimum of 20 credits from a vertical of the same programme.
- b. Should have passed all the courses in the first attempt.
- c. Should have earned a minimum CGPA of 7.50.

### (ii) B.E / B.Tech. Honours

- a. The students should have earned additional courses (minimum of 20 credits) from more than one vertical of the same programme.
- b. Should have passed all the courses in the first attempt.
- c. Should have earned a minimum CGPA of 7.50.

### (iii) B.E./B.Tech. (Minor in other specialization)

The student should have earned additionally a minimum of 20 credits in any one of the verticals of other B.E/B.Tech programmes or from any one of the following verticals

VERTICAL I : FINTECH AND BLOCK CHAIN

VERTICAL II : ENTREPRENEURSHIP

VERTICAL III : PUBLIC ADMINISTRATION

VERTICAL IV : BUSINESS DATA ANALYTICS

VERTICAL V : ENVIRONMENT AND SUSTAINABILITY

- Students can earn maximum of 6 credits in online mode (SWAYAM platform), out of these 20 credits as approved by PCC.
- B.E./ B. Tech. (Hons) Specialization in the same discipline, B.E / B.Tech. Honours and B.E./B.Tech. Minor in other specialization degree will be optional for students.
- The students will be permitted to register the courses for either Honours or Minor from V Semester onwards provided he/she cleared all the courses in the first attempt till the date of registration.
- For those students who registered themselves in these extra subjects for getting either Honours or Minor degree, calculation of overall CGPA for the purpose degree classification includes the grades earned in these courses.
- If a student fails in any of the subject registered either for regular degree or Honours/Minor as the case may be, the subjects, which have been successfully completed under Honours/Minor, will be considered for professional or open elective depending on whether the student selected Honours or Minor. If the student has studied more number of such courses than the number of Professional Elective courses required as per the curriculum, the courses with higher grades shall be considered for the calculation of CGPA. Remaining courses shall be printed in the mark sheet, however, they will not be considered for calculation of CGPA.
- If a student decides not to opt for Honours, after completing certain number of additional courses, the additional courses studied shall be considered instead of the Professional Elective courses which are part of the curriculum. If the student has studied more number of such courses than the number of Professional Elective courses required as per the curriculum, the courses with higher grades shall be considered for the calculation of CGPA. Remaining courses shall be printed in the mark sheet, however, they will not be considered for calculation of CGPA.



- If a student fails to earn 7.5 CGPA with the additional courses he studied for Honours/ Minor, he would not be considered for awarding the Honours/Minor. Courses studied for the purpose of Honours/Minor shall be printed in the mark sheet, however, they will not be considered for calculation of CGPA.
- Students who opt for either Honours or Minor should pay the prescribed Fee which will be informed by the College.
- A Student opting for Honours will not be entitled for Minor and Vice Versa.
- All the HoDs presented the Verticals pertaining to their UG program(s) for Honours/Minor degrees.
- Dr. S. Vengadesan, Prof. from IITM requested to consider a student to pursue Honours and Minor degrees if there is no constraint prescribed by Anna University or AICTE. Dr. K. Pitchandi, Professor and CoE explained the practical difficulties in permitting the students to do both Honours and Minor degrees and he said that this suggestion will be taken for the discussion in the forthcoming meeting of academic council.
- Industry experts opined that more credits should be given to the students who undergo internships in reputed industries for 4 months to replace a professional elective.

#### **Resolutions:**

1. It was resolved to approve the minutes of the previous meeting of Mechanical and Automobile Engineering board and Marine Engineering board held on 12.04.2023 FN and 12.04.2023 AN respectively.
2. It was resolved to recommend the implementation of Credit Exchange scheme and Honours & Minor degree for the approval of Academic council.

  
(Dr. J. Venkatesan) 15/05/2023

Chairman - BoS

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