

Sri Sairam Engineering College
Sai Leo Nagar, West Tambaram, Chennai – 600044
Department of Production Engineering

Minutes of the first Board of Studies meeting

The first Board of Studies (BOS) meeting of the Department of Production was conducted on 15.06.2020 through online mode (ZOOM) at 2.30 P.M (IST). Following members were present.

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| 1. Dr. Somashekhar S.Hiremath
Asso. Prof., Dept. of Mech Engg.,
Indian Institute of Technology, Madras. | External stake holder
(Subject Expert) |
| 2. Dr. M.Loganathan
Prof., Dept. of Mech Engg.,
Faculty of Engg. & Tech.,
Annamalai University,
Chidambaram. | External stake holder
(Subject Expert) |
| 3. Dr. A.Siddharthan
Asso. Prof., Dept. of Prod Tech.,
MIT Campus, Anna University,
Chennai. | External stake holder
(University Representative) |
| 4. Mr. R.Prabhakaran
General Manager, Rane Group
Chennai. | External stake holder
(Industrial Expert) |
| 5. Mr. E.Sidhu Vilaji
Analyst, Ford GTBC, SEZ Avenue,
Elcot SEZ, Sholinganallur, Chennai. | External stake holder
(Alumni Member) |
| 6. Mr. S.Arunprasad | Internal stake holder |
| 7. Mr. V.Velmurugan | Internal stake holder |
| 8. Mr. B. Senthilkumar | Internal stake holder |
| 9. Mr. P.V.Inbanaathan | Internal stake holder |
| 10. Dr. U.Tamilarasan
Professor & Head, PROD
Sri Sairam Engineering College | Chairman, BOS / PROD |

Dr. U.Tamilarasan, Chairman of BOS opened the meeting by welcoming and introducing the external members to the internal members. The chairman placed the following agenda for the deliberations and discussions of the members. The following are the deliberations made during the meeting (as per the items of the circulated agenda).

BOS.PROD.20.01.01:

To review and approve the curriculum and syllabus of UG programme in PROD. The members recommended the following:

- a. The total cumulative credits of 175 may be reduced to 163 to 169 credits.
- b. Members asked to ensure that there should not be any overlapping of course / content.
- c. Any non-credit courses can be included to reduce the total number of credits.
- d. Members suggested to increase the number of credits for laboratory subjects consisting of 3 learning hours from 1 credit to 1.5 credits.
- e. Dr. Loganathan suggested to remove internship at II semester as the student might feel difficult in visiting the industries and understanding the concepts at the initial stage of engineering.
- f. Dr. Someshekhar suggested that the courses fluid mechanics and Thermodynamics can be combined as a single subject in III semester and so few core subjects for Production Engineering might be introduced.
- g. Members suggested that the course Strength of Materials for mechanical engineers in III semester might be modified and shifted to IV semester.
- h. Dr. Someshekhar suggested that in the course Computer Aided Design in IV semester, the product design component might be included and modified.
- i. Members suggested to have metal cutting and CNC machines study in either III or IV semester along with the lab component.
- j. Dr. A.Siddharthan suggested that the course Foundry and Welding Technology in IV semester might be shifted to III semester.
- k. Dr. Someshekhar and Dr.A.Siddharthan both suggested the course Design of jigs, fixtures and press tools may be shifted to V semester as a core subject from the professional elective.
- l. Dr. Someshekhar and Dr. Loganathan suggested that the course Metrology and Computer Aided Inspection might be modified to include measurements and it can be shifted to IV semester.
- m. Members suggested that the course mechanics of machines along with laboratory can be shifted from IV semester to V semester.
- n. Dr. Someshekhar suggested to include Instrumentation and Control as a core subject in VI semester.
- o. Mr. R.Prabhakaran suggested that the course Finite Element Analysis in VI semester might be modified slightly according to the industrial requirements and can be shifted to VII semester.
- p. Dr. A.Siddharthan and Dr. Someshekhar both suggested the course Quality Control and Reliability Engineering may be shifted to VI semester as a core subject from the professional elective.
- q. Members suggested that the course Mechatronics for Automation in VII semester may be modified to include Microprocessors and can be shifted to VI semester.
- r. Mr. R.Prabhakaran and Mr. E. Sidhu Vilaji both suggested reducing the number of subjects in VII and VIII semester, as the students might involve more in their projects.

- s. Members said that the number of courses in V semester are more compared to other semesters which can be reduced.
- t. Dr. Someshekhar suggested to have department electives in professional electives III and IV instead of electives offered by mechanical department.
- u. Members asked the assessment criteria for Internship which was detailed by the Chairman.
- v. Dr. Someshekhar suggested that the number of courses in open electives offered may be reduced.
- w. Members suggested to give generalized topics in open electives which would attract other department students also considering the availability of the subject expertise.

Based on the suggestions given by the members, the Chairman of BOS told that those fruitful suggestions would be incorporated appropriately in the curriculum and syllabi.

BOS resolved to recommend the following to the Academic Council for further approval.

- a) Syllabus for core courses of B.E. Production Engineering Programme as enclosed in Annexure 1.
- b) List of Professional and Open Elective Courses in B.E. Production Engineering Programme as enclosed in Annexure 2.

In the concluding remarks, the chairman stated that the reduction of credits in UG Curriculum and other recommendations suggested by the members would be considered.

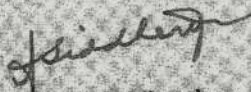
Meeting then ended with vote of thanks by Dr. U.Tamilarasan, Chairman/BOS/PROD.



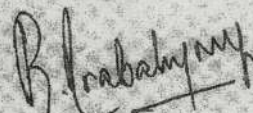
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Indian Institute of Technology Madras.



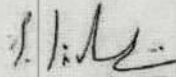
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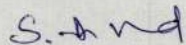
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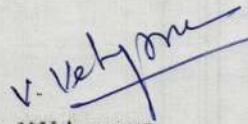
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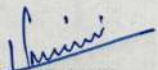
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Chairman, BOS / PROD
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