

# SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY  
SCHOOL OF BIO AND CHEMICAL ENGINEERING

Department of Chemical Engineering

MINUTES OF BOARD OF STUDIES 06<sup>TH</sup> JAN 2021 THROUGH ONLINE MODE.

The following members were present in the meeting:

1. Dr. Wilson Aruni – Pro Vice Chancellor – Chair Person
2. Dr.Vignesh Muthu Vijayan – Associate Professor – IIT Madras – External member
3. Dr.K.Sathish Kumar – Associate Professor – SSN college of Engineering – External member
4. Dr.S.Sathish – Associate Professor – Head of the Department
5. Dr.D.Prabu – Associate Professor – Internal member
6. Dr.D.Joshua Amarnath – Professor – Internal member
7. Dr.A. Annam Renita – Professor – Internal member
8. Dr. S.S.Dawn – Professor – Head (Centre for Waste Management) – Internal member
9. Dr.J.Aravind Kumar – Asst. Professor – Internal member
10. Mr.D.Venkatesan – Asst. Professor – Internal member

At the outset, the Chair Person welcomed the members of BoS and placed the agenda for the deliberations of the members. The following deliberations were made as per the items of the circulated agenda.

1. The minutes of BoS meeting was held on 26<sup>th</sup> June 2020, were reviewed and approved by the members. The comments were placed in 16<sup>th</sup> Academic Council and the same was approved.
2. Agenda item # 1 Planning of new one credit course under R2019  
Head of the Department proposed the new proposal for the introduction of new one credit course on CDIO approach in project design and project management.

**Recommendations:**The External members considered the proposal. Dr.Sathish informed that the department teams have been working on the modification under the team of Dr.D.Prabu and Dr.A.Annam Renita.

3. Agenda item # 2 Highlighting the CBCS courses offered during 2020-21 odd semester for B.Tech - Programme– Chemical Engineering
  - The Head of the department highlighted the courses taken by the students during July 2020 – Dec 2020. Based on the feedback from the experts/Alumni the interdisciplinary courses were given as a Choice based Credit courses. Students opted the various interdisciplinary courses such as Entrepreneurship Essentials (SBAA1603), Network Security (SCS1316), Machine Learning (SIT1305), Industrial Robotics and Expert Systems (SMEX3012), Disaster

Management(SCIA4001), Stress Management (SPSY1604), Alternative Fuels and Energy Systems (SME1603), Hospital Management (SBMA3009).

- Also, the Head highlighted that the students from other disciplines opted the courses offered by Chemical Engineering such as Environmental Impact Assessment (SCHA4003), Industrial Safety and Hazard Analysis (SCHA3010).

**Recommendations:**The BOS gave their consent and were satisfied with the action taken on the feedback and also suggested the department to motivate students to focus on new emerging technologies such as Industrial Automation, Artificial Intelligence/ Data sciences and Simulation.

4. Agenda item # 3 Implementation of Industry 4.0 and Computational Fluid Dynamics  
As the new courses which was proposed in the previous BoS meeting, Industry 4.0 (SAIC4001) and Computational Fluid Dynamics (SCHA1403) was planned to implement in the 4<sup>th</sup> Semester for 2019 batch (Jan 2021 – May 2021) and rest of the courses were planned to be incorporated in the professional electives.

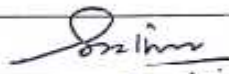




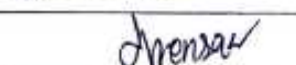
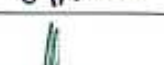
**Resolutions:** Approved as recommended.

5. Skill Development in professional domains and branch specific areas to promote industry ready competency among learners.

Head pointed the skill development course conducted in association with Rubber Skill Development Council.

**Resolutions:**The BoS recommended the initiation taken by the department.

With the above discussion, the Head expressed his deep sense of gratitude to all members for an academic vibrant discussion on various matters. Since there was no other agenda,the meeting ended with the Vote of thanks.

Internal Member	Designation	Signature
Dr.S.Sathish	HoD	
Dr.D.Joshua Amarnath	Professor	
Dr.A. Annam Renita	Professor	
Dr. S.S.Dawn	Professor	
Dr.D.Prabu	Associate Professor	
Dr.J.AravindKumar	Asst. Professor	
Mr.D.Venkatesan	Asst. Professor	

  
PRO VICE CHANCELLOR/CHAIR

