



VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)

9-5-81, Ibrahimbagh, Hyderabad-500031, Telangana, India

ACCREDITED BY NAAC WITH 'A++' GRADE

(Sponsored by Vasavi Academy of Education)

Phone: +91-40-23146003 Fax: +91-40-23146090, +91-40-23146080

DEPARTMENT OF CHEMISTRY

Date: 29-05-2024

Board of Studies of Chemistry department is held on 29-05-2024 (Wednesday):

Members of the BoS:

Dr. P. Venugopal	Chairman & Head Dept. of Chemistry, VCE
Prof. B. Manohar	Osmania University- Nominee
Prof. G. Satyanarayana	Subject Expert, IIT-H
Dr. Krishnan Rangan	Subject Expert, BITS-Hyderabad
Dr. D. Satyanarayana	Industry Representative, HIL
Prof. B. Mahipal Reddy	Subject Expert (Special Invitee), BITS-Hyderabad
Dr. P. Sukanya	Faculty members of VCE
Dr. K. Rajani Kumar	
Dr. E. Hari Prasad	

Members Absent:

Prof. G. Satyanarayana	Subject Expert, IIT-H
Prof. B. Mahipal Reddy	Subject Expert (Special Invitee), BITS-Hyderabad
Dr. P. Sukanya	Faculty member of VCE

Minutes of the Meeting:

At the outset the Chairman, BOS Committee Dr. P. Venugopal welcomed all the members and introduced the faculty of the department of chemistry, VCE and briefed the profile of the department, course structure and scheme of instruction for the students to be admitted for the academic year 2024-25.

The discussions were taken place on the review of syllabus and the following points were suggested by BoS members.

1. Minutes of the previous BOS meeting held on 23-06-2023 were confirmed.
2. Action taken report of the BOS meeting held on 23-06-2023 was ratified.
3. Prof. B. Manohar suggested to conduct colorimetry experiment as mandatory in the laboratory.
4. Dr. Krishnan Rangan suggested to add the concept of DSC to measure glass transition temperature (T_g).
5. Dr. D. Satyanarayana and other subject experts suggested to incorporate heat distribution temperature in composite materials of Engineering Chemistry Syllabus.
6. Dr. Krishnan Rangan and Dr. D. Satyanarayana suggested to incorporate UV Vis spectrophotometry to explain size and optical properties of nanomaterials.
7. All the Subject Experts suggested to include epoxy resins in Unit-III in the place of Aramid in Applied Chemistry.
8. All the members of BoS advised to include numericals on proximate analysis of Unit-IV of Applied Chemistry.

9. All the Subject Experts are suggested to include blow down process (External Treatment) and Calgon conditioning (Internal Treatment) for the prevention of scales and sludges in Unit-V of Applied Chemistry.
10. Open elective namely Polymeric materials offered to B E III Semester syllabus was discussed.
11. CO-PO mapping for theory and laboratory courses was discussed.

Resolutions:

As per the suggestions made in the BoS meeting, the following suggestions are incorporated in the curriculum.

1. As suggested by Prof. B. Manohar colorimetry experiment decided to conduct as one of the experiments in the laboratory.
2. As suggested by members of BoS epoxy resins incorporated in Unit-III of Applied Chemistry in the place of Kevlar.
3. As suggested by members of BoS, numericals on proximate analysis included in Unit-IV of Applied Chemistry.
4. As Advised by members of BoS blow down process (External Treatment) and Calgon conditioning (Internal Treatment) for the prevention of scales and sludges included in Unit-V of Applied Chemistry.
5. Syllabus of Polymeric Materials of B E III Semester was discussed and approved.
6. CO-PO mapping for theory and laboratory courses was discussed and approved.
7. Dr. Krishnan Rangan suggested to add the concept of DSC to determine glass transition temperature (T_g) of a polymer, which requires two to three hours hence it is not possible to incorporate.
8. Dr. D. Satyanarayana suggested to incorporate heat distribution temperature in composite materials of Engineering Chemistry, the concept of the said topic is higher level which is needed for material research. Hence it is not incorporated.
9. Dr. Krishnan Rangan and Dr. D. Satyanarayana suggested to incorporate UV Vis spectrophotometry to explain optical properties of nanomaterials which is used in material research. Hence it is not incorporated in the curriculum.

The meeting is concluded with vote of thanks by Chairman, BOS.


Prof. B. Manohar
(OU-Nominee)


Dr. Krishnan Rangan
(Subject expert)


Dr. D. Satyanarayana
(Industry Representative)


Dr. P. Venugopal
(Chairman - BOS)