



VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)

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(Sponsored by Vasavi Academy of Education)

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DEPARTMENT OF CHEMISTRY

Date: 28-07-2020

Board of Studies of Chemistry department is held on 28-07-2020 (Tuesday) **Online mode:**

Members Present:

Dr. P. Venu gopal	Chairman & Head Dept. of Chemistry, VCE
Prof. P. Veera Somaiah	Osmania University- Nominee
Prof. Ch. Venkata Ramana Reddy	Subject expert, JNTUH
Prof. B. Mahipal Reddy	Subject expert, IICT Hyderabad
Prof. K. Laxma Reddy	Subject expert, NIT Warangal
Dr. D. Satyanarayana	R & D, HIL
Dr. P. Sukanya	Faculty members of VCE
Dr. K. Rajani Kumar	
Dr. E. Hari Prasad	

Members absent:

Prof. B. Mahipal Reddy	Subject expert, IICT Hyderabad
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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 examination.

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

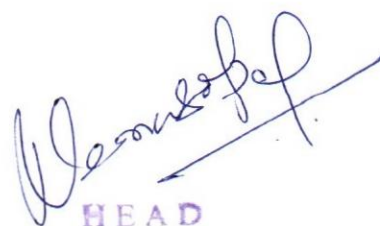
1. Minutes of the previous BOS meeting held on 22-02-2020 were confirmed.
2. Action taken report on the BOS meeting held on 22-02-2020 was ratified.
3. Prof. G Satyanarayana (IIT-H) suggested to include liquid junction potential, Ag-AgCl electrode and SHE in unit-1, Ni-metal hydride and basics of super capacitors in unit-2.
He also felt that the topics of Nanomaterials are somewhat advanced and may be replaced with non conventional or renewable energy sources or basics of quantum chemistry.
4. Prof. Kotha Laxma Reddy, (NIT-W) suggested to carefully examine the allotted time to cover the syllabus as the syllabus proposed is more than adequate and covered all aspects as pre requirement.
5. Prof. P. Veera Somaiah, (O.U.) suggested that to make the uniform number of periods for the last two units.

6. Prof. Ch. Venkata Ramana Reddy, (JNTUH) suggested to include Helmholtz electrical double layer theory.
7. Dr. D. satyanarayana (Head, R&D, HIL Limited) suggested to include Filament winding manufacturing technique in Composites and Graphene – introduction- preparation methods and applications in Nano materials

Resolutions: The following resolutions have been made in the meeting

1. The title of the course as been decided as "Material Chemistry" as accepted by BOS members.
2. Helmholtz electrical double layer theory is added to unit-1 for explaining the development of electrode potential.
3. Ni-metal hydride is incorporated in the Chemistry of Batteries as suggested by BOS members.
4. Filament winding method is added in composite materials.
5. Graphene: Introduction and synthesis by chemical vapor deposition (CVD) is included in nanomaterials.
6. It is decided to continue the same syllabus for "Battery science and technology" (Open Elective) and "Corrosion science and it's applications" (Open Elective) for B E III Semester as confirmed previous BOS meeting held on 22-02-2020.

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



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