

**Chemistry Department**  
**Minutes of BOS Meeting held on Monday, 10<sup>th</sup> April 2023**

- ❖ Offline meeting of all the members of Board of Studies was convened by the BOS Chairman & Head of Chemistry Department, Dr. R. S. Dubey on Monday, 10<sup>th</sup> April 2023 at 10.00 am. Dr. Ganesh Mavlankar, an external BOS member, however has attended the same using online platform. Following BOS members were present in the meeting.

1. Dr. R. S. Dubey	Chairman
2. Dr. A. D. Sawant	Member
3. Dr. Vaishnavi Shridhar	Member
4. Mr. Mandar D. Medhi	Member
5. Dr. Amol Kadam	Member
6. Dr. Deepali Pimple	Member
7. Dr. Palak Chawla	Member
8. Dr. Sandesh Divekar	Member
9. Mr. Prabijna Babu	Member
10. Dr. Asawari Mokal	Member
11. Dr. Jitendra Girase	Member
12. Dr. Pratap Kamble	Member
13. Prof. S. D. Samant	Subject Expert
14. Dr. B. K. N. Singh	V C Nominee-Subject Expert
15. Dr. Yogesh A. Potdar	Illustrious Alumni and Industry Expert
16. Dr. Ganesh Malvankar	Illustrious Alumni and Industry Expert

- ❖ In the beginning, the Chairman welcomed all the members of BOS and placed the following agenda for the deliberations of the members.

Agenda:

1. Approval of minutes of last BOS meeting.
2. Current academic status.
3. DBT star college activities.
4. Revision of UG and PG question paper pattern and assessment process.
5. Compliance of NEP 2020 from AY 2023-24.
6. Any other matter

Following deliberations were made as per the items of circulated agenda.

**Item 1:** The minutes of BOS meeting held on 29<sup>th</sup> Sept. 2022 were read and confirmed.

**Item 2:** Chairman then presented a power point presentation regarding current academic status of the department. Serious concern was expressed by all the BOS members about the regular appointments of assistant professors to be made in the department against the existing full-time vacant posts created due to retirement of many staff members in the past.

**Item 3:** Another power point presentation depicting overview of various DBT star college as well as co-curricular activities conducted by the department till date is also given by the

chairman with special emphasis on different guest lectures organized by the dept. and an intra departmental one day 'Chem-Carnival' function.

**Item 4:** It was unanimously proposed that UG as well as PG semester end theory question papers of all semesters of maximum of 60 marks will be provided with 50% overall internal option. There shall be no question in any form gets drafted on mixed units of syllabus in any of the question paper.

All the BOS members also expressed a strong need of unit wise assessment of theory examination answer sheets for faster and more efficient fulfilment of this task and betterment in overall results.

It was also unanimously proposed by all the internal and external members that at PG level, M.Sc., part-II, Sem.-IV, Paper-IV, syllabus of practical will be fully converted into various projects to be assigned to the students registered for the course but projects should be on IPR and Cheminformatics related topics.

**Item 5:** Chairman also presented a power point presentation regarding a grid adopted by our college depicting in detail, all the aspects as per new national education policy (NEP), to be implemented at semester I and II of B.Sc. course from AY 2023-24, and suggestions regarding the same were invited from all the BOS members. In response to the same, following points were proposed by external members which were endorsed by all the other members of BOS.

A] Just like combination of chemistry(major) with other subjects like botany, zoology, physics, and Mathematics to be offered at first year of B.Sc. course, a new combination of chemistry (major) with statistics (minor), also to be formed and offered in the bouquet.

B] Generic electives to be made available in the basket to offer at semester I and II may have following titles based on which the course content can be decided later.

- i) Food and Nutrients.
- ii) water and soil analysis.
- iii) Polymer chemistry.
- iv) Separation and purification techniques in chemistry.
- v) Instrumental chemistry.
- vi) Applied components like drugs, dyes, petrochemicals, perfumes, nanomaterials, semiconductors, Different types of power storage methods(batteries), biofuels, bio fertilizers.
- vii) industrial chemistry (commercially important manufacturing processes).
- viii) Mathematical and statistical tools in chemical data analysis.
- ix) An introduction to simple natural products.
- x) An introduction to heterocyclic biomolecules.
- xi) Surfactants and detergents.

The meeting ended with thanks to the chair.