

**SCHOOL OF CHEMICAL SCIENCES
DEVI AHILYA VISHWAVIDYALAYA, INDORE**

Minutes of DQAC Meeting

Date: June 27,2022

Agenda: Curriculum Revision w.e.f July 2022

A meeting of faculty members was held in the department to revise and restructure the syllabus of M.Sc. Chemistry.

Following changes in the existing curriculum have been carried out:

(1) M.Sc. I Semester:

- MCH 104: Symmetry, Group Theory and Spectroscopy course is considered as Discipline Centric.
- Additional topic on IR spectroscopy has been incorporated in the Unit IV of the syllabus.
- Syllabus of MCH 102: Organic Chemistry has been modified as per the need of NET and GATE examinations.

(2) M.Sc. II Semester:

- Discipline centric course MCH 204: Chemistry of Drugs has been renamed as Advanced Medicinal Chemistry with thorough revision of the course content.

(3) M.Sc. III Semester:

- Paper entitled "Solid State Chemistry and Nanoscience" has been shifted from M.Sc. IV to III semester and introduced as the elective paper. A topic on X Ray Diffraction studies has been included in the Unit III of the syllabus.
- Course content of Computer Applications being taught in M.Sc. II semester, has been brought to M.Sc. III semester as component of practicals.
- Course content of Elective paper MCH 306: Organic Synthesis has been revised with the incorporation of new topics on Name reactions in UNIT III and reagents in Unit IV of the paper.

(4) M.Sc. IV Semester:

- Course content of theory paper MCH 401: Advanced Analytical Chemistry has been comprehensively revised.
- New topics on GCMS and HPLC- MS have been introduced.

(5) Credits for all the practical courses and project/internship have been increased from 5 credits to 8 credits.

(6) Summary of credits allocation for each semester is as follows:

- Theory Papers: 12 Credits (Four papers of 3 Credits each one up III semester and three paper of 4 credits each in IV Semester)
- Practicals/Project/Internship: 8 Credits
- Comprehensive Viva Voce: 4 Credits

Total: 24 credits/semester

Meeting ended with vote of thanks to the chair.

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