

Minutes of IQAC Meeting

An important meeting of faculty members was called to discuss following academic issues -

Agenda:

1. New admission in M.Sc. courses
2. Preparation of time table for semester commencing from July, 2016
3. Revision and restructuring of M.Sc. syllabi as per CBCS.
4. Review and revision of Ph.D. course work curriculum

Accordingly, following actions were taken:

1. Students will be admitted as per the M. P. Govt. Rules of admissions for academic year 2016-17. Due consideration will be there in maintaining students diversity.
2. In view of emerging requirement of Choice-Based Credit System (CBCS), it was resolved to restructure the curriculum of M.Sc. I semester onwards. It was further resolved to allocate 20 credits per semester. Contents of the syllabus were discussed at length and in view of current needs, distribution of Elective – generic courses and Elective –discipline centric was worked out.
3. Further, considering this newly implemented CBCS based curriculum, time- table was discussed pertaining to the teaching assignments in Core Courses, Elective Courses-Discipline Centric, and Elective Course – Generic. Also, all faculty members are assigned to take tutorials of 2 hours per week to assist weak students and to help good students for NET/ GATE preparation.
4. Keeping in view CBCS as well as academic flexibility, it is decided that students can choose an Elective Course/ a

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Generic Course or any other P.G. Level Generic Course of 3 Credits being run at other School / Institute.

5. Faculty members are supposed to keep record of attendance of Theory, Practical, Tutorials and Seminars with them.
6. Mentors for each course are assigned for assessment and evaluation of all round performance of students.
7. Rigorous review and restructuring of course to adopt CBCS in true spirit is carried out. Scheme of proposed CBCS based course curriculum is attached.
8. A brief and summarized overview of revision/modification/ updation in course structure is as follows:

Each semester course will be of 20 valid credits and 4 virtual credits for Comprehensive Viva-voce. Semester wise distribution of course contents are as follows:

Semester	Core Courses	Elective Course- Generic	Elective Course- Discipline Centric	Laboratory / Practical
I	Four	One	-	Lab. I
II	Three	One	One	Lab. II
III	One	One	Three	Lab. III
IV	One	-	Three	Project

- Curriculum of Core course code 104 is revised with new nomenclature- Group Theory and Spectroscopy.
- Students with biology in B.Sc. are offered Elective Course – Generic (Concepts of Mathematics). Likewise students with mathematics in B.Sc. are offered General Biology as Elective Course –Generic.
- A new paper Code -204 Elective Course –Discipline Centric entitled “Chemistry of Drugs” has been introduced in M.Sc. II semester curriculum.
- Two new papers in M.Sc. II semester are introduced as Elective Course - Generic. Students can opt any one of them. These are -
 - Computer Applications
 - Computer Programming

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- In M. Sc. III and M.Sc. IV semesters revision / new addition in the course contents of following courses is considered

- Molecular Spectroscopy (Revised)
- Diffraction Methods and Photoelectron Spectroscopy (New)
- Advanced Medicinal Chemistry (Revised)
- Organic Synthesis (New)
- Solid State Chemistry and Materials Science (Revised).

9. In compliance to the instructions received from Ph.D. Cell , thorough revision and restructuring of Ph.D. Course work curriculum has been carried out for implementation in teaching schedule commencing from July 2016.

The curriculum is spread over to the following components:

- | | |
|--------------------------------------|-------------|
| a) Research Methodology | : 4 credits |
| b) Review of published research work | : 3 credits |
| c) Computer applications | : 3 credits |
| d) Advance course | : 3 credits |
| e) Comprehensive viva voce | : 3 credits |

A detailed curriculum is prepared in consultation with the faculty members of the department.

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