

## Doctor of Philosophy

### A. Objectives of the Program:

- To acquire advanced skills and knowledge in modern research methods and techniques.
- To enable the students to acquire specific skills and gain expertise in a frontier research field.
- To create highly skilled professionals that will add value to the country.
- To provide hands-on training and generate expertise in modern instrumentation techniques.
- To generate independent researchers that will be suitable for both industry and academia.
- To inculcate the ability to become successful entrepreneurs.

### B. Program Outcomes:

- Scholars graduating from this programme will have solid basic knowledge in modernized and specialized fields of Chemistry.
- Scholars graduating from this programme would be expected to have most advanced knowledge of their perspective specialities.
- Scholars would be able to perform scientific innovations and transforms the findings for the benefit of the society.
- Scholars would be enabled to start an independent research career.
- Scholars would also have the potential to create start-up organizations and become successful entrepreneurs.

### C. Intake and eligibility: Intake - as per available seats

#### Eligibility:

A consistently good academic record possessing a master's degree in the subject concerned or in a cognate / allied subject with minimum of 55% marks or equivalent grade from a recognized University at both undergraduate and postgraduate levels; 5% relaxation in minimum requirement of marks is granted to SC/ST/OBC/PWD candidates.