Course Offered

Department of Chemistry Offering following Courses:

(1)Research Program: Ph.D.

(2)PG Course: M.Sc. in Chemistry

(3)B.Tech : Chemistry subject is in following classes

Papers in B.Tech First Year

(i)Chemistry , CY-101 (All branches EE,EI,EC,CS,ME,Chemical) (Paper Engineering Chemistry and Environmental Chemistry) [B. Tech I and II Semester] with Practical Labs
(ii)Applied Organic Chemistry (CY-201) [B. Tech III Semester (Chemical branch)] with Practical Lab
(iii)Polymeric Materials & their Applications(CY-401) [B. Tech VII Semester]

Papers in M.Sc. Chemistry

M.Sc. 1st Year I Sem.

S. No.	Paper	Paper Code
1.	Physical Chemistry-I	(CY-511)
2.	Physical Chemistry-II	(CY-513)
3.	Inorganic Chemistry-I	(CY-515)
4.	Environmental and solid state Chemistry	(CY-517)
5.	Organic Chemistry I	(CY-519)
6.	Organic Natural Product- I	(CY-521)
7.	M.Sc. I Sem. Lab	(CY-523P)

M.Sc. 1st Year II Sem.

S. No.	Paper	Paper Code
1.	Physical Chemistry-III	(CY-512)
2.	Analytical Chemistry	(CY-514)
3.	Inorganic Chemistry-II	(CY-516)
4.	Bio- inorganic-Chemistry	(CY-518)
5.	Organic Chemistry II	(CY-520)
6.	Natural Product- II	(CY-522)
7.	M.Sc. II Sem. Lab	(CY-524P)

M.Sc. 2nd Year III Sem.

S. No.	Paper	Paper Code
1.	Applied Organic Chemistry-I	(CY-611)
2.	Advanced Organic Chemistry I	(CY-613)

3.	Spectroscopic Analysis-I	(CY-615)
4.	Chemistry of Natural Product	(CY-617)
5.	Pharmaceutical Chemistry	(CY-619)
6.	Medicinal Chemistry-I	(CY-621)
7.	M.Sc. III Sem. Lab	(CY-623P)

M.Sc. 2nd Year IV Sem.

S. No.	Paper	Paper Code
1.	Applied Organic Chemistry-II	(CY-612)
2.	Advanced Organic Chemistry II	(CY-614)
3.	Spectroscopic Analysis -II	(CY-616)
4.	Bio- Organic-Chemistry	(CY-618)
5.	Medicinal Chemistry-II	(CY-620)
6.	M.Sc. IV Sem. Lab/	(CY-622P)

Ph. D:

Ph.D Course includes following papers:

1. Research Methodology
2. Advanced Chemistry
3. Review of Literature

After completing course work, Research students are working for their Ph.D. degree in the areas of organic chemistry, medicinal chemistry synthesis of unnatural amino acids , asymmetric synthesis, synthesis of heterocycles ,total synthesis, synthesis of bio-active molecules, Polymer, materials for semiconductor etc.