



T. Y. B. Sc. Semester - V & VI

Chemistry (Six Units)

1. Applied Component Electives*
2. Chemistry (Group A) - Physical Chemistry (S.M.)
3. Chemistry (Group A) - Inorganic Chemistry (S.M.)
4. Chemistry (Group A) - Organic Chemistry (S.M.)
5. Chemistry (Group A) - Analytical Chemistry (S.M.)

*as per university directives that may be applicable from time to time.

Post - Graduate Programme

M. Sc. (By Research)

Inorganic Chemistry

M. Sc. (By Paper)

Inorganic Chemistry

Ph. D. (Inorganic Chemistry)

B. Sc. (I. T.)

F. Y. B. Sc. (I. T.)

*** Semester - I**

1. *Imperative Programming
2. *Digital Electronics
3. *Operating Systems
4. *Discrete Mathematics
5. *Communication Skills

*** Semester - II**

1. *Objective Oriented Programming
2. *Microprocessor Architecture
3. *Web Programming
4. *Numerical and Statistical Methods
5. *Green Computing

S. Y. B. Sc. (I. T.)

*** Semester - III**

1. * Python Programming
2. * Data Structures
3. * Computer Networks
4. * Database Management Systems
5. * Applied Mathematics

*** Semester - IV**

1. *Core Java
2. * Introduction to Embedded Systems
3. * Computer Oriented Statistical Techniques
4. * Software Engineering
5. * Computer Graphics and Animation

T. Y. B. Sc. (I. T.)

*** Semester - V**

1. Software Project Management (Project)
2. * Internet of Things
3. * Advanced Web Programming
4. Elective - (Any One)
I)* Artificial Intelligence
II) * Linux System Administration
5. Elective :- (Any One)
I) * Enterprise Java
II) * Next Generation Technologies

Note : '*' Indicates Practical Subjects.

*** Semester - VI**

1. Software Quality Assurance (Project)
2. * Security in Computing
3. * Business Intelligence
4. Elective - (Any One)
I)* Principles of Geographic Information Systems
II) * Enterprise Networking
5. Elective :- (Any One)
I) * IT Service Management
II) * Cyber Laws