



## Department of Physics

(Academic Year: 2023-24)

### Programme: Master of Science-Physics (By Papers)

#### About M.Sc. (Physics) Programme

#### ABOUT THE PROGRAMME

Globally competent curriculum, prepares students for national eligibility tests such as MH-SET, CSIR-NET, JEST, GATE etc.

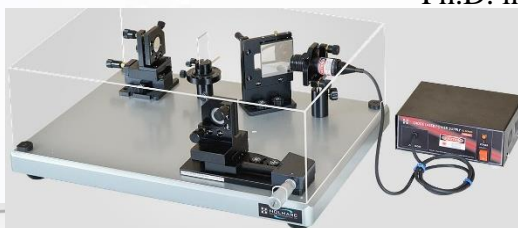
#### COURSES OFFERED

Theory: 16 Practicals: 06  
Physics Project Work/Internship

#### THEORY PAPERS

- Mathematical Methods,
- Classical Mechanics
- Quantum Mechanics – I & II
- Solid State Physics
- Advanced Electronics
- Electrodynamics
- Solid State Devices
- Statistical Mechanics
- Nuclear Physics
- Signals and Systems
- Microwave Electronics
- Experimental Physics
- Atomic and Molecular Physics
- Signal Modulation and Communication Network
- Advanced Communication Systems.

#### RESEARCH FACILITIES



#### CREDITS

Theory: 04/Course  
Practical: 04/Course  
Research Project/ Internship: 08

#### ELIGIBILITY

B.Sc. degree from recognized University with Physics as major subject in final year of B.Sc.

#### ADMISSION PROCESS

Merit-based on entrance test, interviews and BSc marks. (For more details about admission process, visit to College website )

#### FUTURE PROSPECTS

- Scientist in R&D Laboratories.
- Research Fellow in reputed research institutes.
- Embedded system, telecommunication industries, software engineers and Computer system analysts.
- Faculty positions in Schools, Colleges and Universities in India and abroad.
- Academic editors in reputed publishing houses.
- Public Sector Units.
- Pursue higher studies like MS, M.Tech, Ph.D. in different domains of Physics.