

B.Sc (Hons.) Physics

Program outcomes: At the end of the program, the students will develop a strong analytical skill and will be able to study critically a physics problem, solve the problem using different tools and present the result/conclusion. They will develop a good communication skill such that they can explain complicated physics technical terminologies in simple manner. They will be aware of the information available nowadays and will be able to retrieve information from e-libraries and other e-sources available using internet. They will be aware of their ethical and moral values and not practice fabrication and plagiarism. They will know of their responsibility of preserving our environment and the world. Finally, they will be ready to work individually as well as in a team.

Course outcomes: The students of B. Sc. Physics Hons. will be covering Mechanics, Math Physics, Electricity and Magnetism, Waves and Optics, Thermal Physics, Digital Systems, Modern Physics, Analog Systems, Quantum Mechanics, Solid State Physics, Electro-Magnetic Theory and Statistical Mechanics. Over and above these they will study 4 discipline specific elective and 4 generic elective courses. In most of these courses they will have hands-on experiences on different experiments based on the theories they have learnt. Also, they will be learning softwares C++ in first year and Scilab in second and third years.

Received from TIC-Physics through email.

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