

## POSTGRADUATE PROGRAMME SPECIFIC OUTCOMES

### Name of the Programme: M.Sc. Electronics

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| PSO1  | The credit system to be implemented through this curriculum, would allow students to develop a strong footing in the fundamentals and specialize in the disciplines of his/her liking and abilities.   |
| PSO2  | The students pursuing this course would have to develop in depth understanding various aspects of the subject.   |
| PSO3  | Knowledge of basic/fundamentals of Electronic Science towards the advanced science and technology.   |
| PSO4  | Students will understand and able to explain different branches of Electronic Science such as Analog and digital system design, Control System with fuzzy logic and neural network, Internet of Things (IoT), Advanced communication system, Fundamentals and applications of different Microcontrollers, Mechatronics and Robotics. |
| PSO5  | Students are able to design Circuit through different software like Proteus, PSPICE.   |
| PSO6  | The detail understanding of programming language such as C, embedded C or C++, Matlab, Verilog.  |
| PSO7  | The ability to analyze Electronics and Communication problems.   |
| PSO8  | The ability to understand and apply the knowledge in development of various electronics systems such as power electronics, control systems, advanced communication systems, mechatronics and robotics.   |
| PSO9  | To become developer or researcher to satisfy the needs of the Electronics industry.  |
| PSO10 | To develop innovative electronics systems.   |
| PSO11 | The ability to use their skill and knowledge for starting their entrepreneurship   |
| PSO12 | Finally students will be able to understand the technical writing, to produce project reports and to present scientific presentations  |