

## Program Name: Diploma in E& TC Engineering

### Program Outcomes (POs)

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| PO 1 | <b>Basic and Discipline specific knowledge:</b> Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the Electronics & Telecommunication engineering problems |
| PO 2 | <b>Problem analysis:</b> Identify and analyze well-defined engineering problems using codified standard methods.  |
| PO 3 | <b>Design / Development of Solution:</b> Design solutions for well-defined technical problems and assist with the design of system components or processes to meet specified needs.   |
| PO 4 | <b>Engineering Tools, Experimentation and Testing:</b> Apply the modern engineering tools and appropriate technique to conduct standard tests and measurements.   |
| PO 5 | <b>Engineering Practices for Society, Sustainability and Environment:</b> Apply appropriate technology in context of society, sustainability, environment and ethical practices.  |
| PO 6 | <b>Project Management:</b> Use E&TC engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.                  |
| PO 7 | <b>Life-long learning:</b> Ability to analyse individual needs and engage in updating in context of technological changes.  |

### Program Specific Outcomes (PSO's)

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| PSO 1: | <b>Electronics and Telecommunication Systems:</b> Maintain various types of Electronics and Telecommunication systems.  |
| PSO 2: | <b>Equipment and Instruments:</b> To analyze, design and troubleshoot Electronic appliances.                            |
| PSO 3: | <b>EDA Tools Usage:</b> Use EDA tools to develop simple Electronics and Telecommunication engineering related circuits. |