

Department of Electronics and Communication Engineering
National Institute of Technology Silchar

Programme Outcomes (POs) for B. Tech in Electronics and Communication Engineering

Programme Outcomes (POs) of the B.Tech.in Electronics and Communication Engineering are as follows:

- PO-1:** Graduates will be able to apply knowledge of mathematics, science and engineering in the solution of electronics and communication engineering problems.
- PO-2:** Graduates will demonstrate an ability to identify, formulate, analyze and solve electronics and communication engineering problems.
- PO-3:** Graduates will demonstrate an ability to design electronic circuits, conduct experiments, analyze and interpret the resulting data.
- PO-4:** Graduates will demonstrate an ability to design a system, component or algorithms to meet desired needs within the context of electronics and communication engineering and considering realistic constraints.
- PO-5:** Graduates will demonstrate an ability to visualize and work on laboratory and multidisciplinary task
- PO-6:** Graduate will demonstrate skills to use modern engineering tools, software and equipment to analyze problems.
- PO-7:** Graduates will have an understanding of professional and ethical responsibilities.
- PO-8:** Graduates will be able to communicate effectively
- PO-9:** Graduate will show the understanding of impact of engineering solutions on the society, environment and awareness of contemporary issues.
- PO-10:** Graduates will develop confidence for self-education and ability for life-long learning.
- PO-11:** Graduates who can participate and succeed in competitive examinations