



Department of Electronics and Communication Engineering

SWOC

Strengths

1. Well qualified, committed and experienced faculty.
2. Effective use of ICT tools in teaching-learning-evaluation and pedagogy.
3. Laboratories with state-of-the-art equipments.
4. University approved research centers.
5. Centers of excellence and clusters in the emerging technologies.
6. Student-centric approach with mentoring, and counselling.
7. Inter-disciplinary projects, project-based learning and flipped classes.
8. Strong alumni support for knowledge and experience sharing.
9. Active participation in professional bodies like IEEE, IETE, ISTE and IUCEE.
10. Good research contribution through publication, patents, and funding.
11. MoUs and collaboration with industries and upskilling training centers.
12. Regular National and International FDPs and SDPs.
13. Providing technical expertise for society and the community at large.
14. Good placements.

Weakness

1. Industry institute interaction to be strengthened.
2. Research funding and quality publications, patents and consultancy to be improved.
3. Core company placement needs to be reinforced.
4. More techno-entrepreneurs need to be encouraged.

Opportunities

1. Emerging skills and value-added courses to be strengthened.
2. Scope for multi-disciplinary, interdisciplinary projects keeping NEP 2020 in perspective.
3. More national and international conferences and symposiums can be conducted.
4. Upskilling and reskilling in software and hardware domains.
5. Tie-ups with both established and start-up companies in India and abroad.

Challenges

1. Competition from other technical institutions and foreign universities.
2. To attract better rank students from the competitive exam.
3. Networking and strengthening relationships with stakeholders for achieving optimal placement.
4. Encouraging students for competitive examinations like GATE, GRE and UPSC.
5. Upgrading and honing higher skills among stakeholders in the domain of expertise.
6. Attracting PG and Research students for emerging programs.