



# What's New

## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

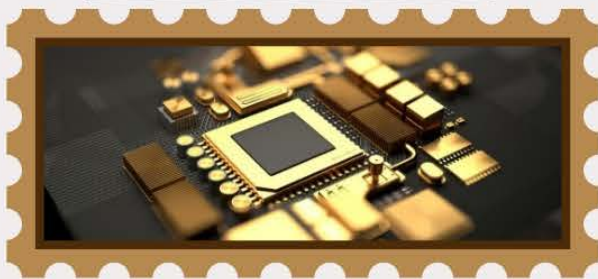
### Vision

To become a leading Centre of Excellence in higher learning and research, and to facilitate the transformation of students into good human beings and competent professionals recognized nationally and globally.

### Mission

- Focus on assimilation, generation and dissemination of knowledge in the field of Electronics and Communication Engineering.
- Practice and inculcate high standards of professional ethics, transparency and accountability.
- Provide an academic environment that fosters leadership, research aptitude and promotes life-long learning.
- Increase the visibility of academic programs globally and attract talent at all levels.

### Microchip's mSiC Technology at the Forefront for High-Power Application

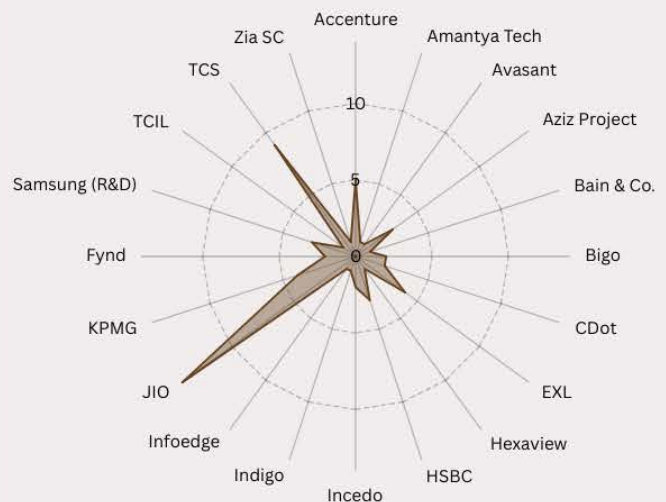
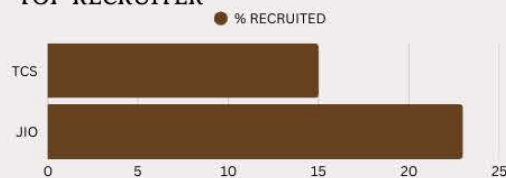


Silicon Carbide (SiC) is rapidly gaining prominence over traditional silicon, attracting significant investment due to its superior efficiency and performance in power applications. Recognizing this trend, Microchip Technology Inc., a leader with over two decades of expertise in SiC devices, has announced an \$880 million investment to expand its SiC and silicon manufacturing capabilities in Colorado. This strategic move underscores the growing importance of SiC in the semiconductor industry, paving the way for advanced applications in electric vehicles, renewable energy, and other high-performance sectors. Microchip Technology Inc.'s significant investment, other industry leaders are also expanding their silicon carbide (SiC) manufacturing capabilities.

**Source:** authored by *Maurizio Di Paolo Emilio* in *Power Electronics News* 2023.

### Placement Stats

#### TOP RECRUITER



### International Journals 2023

Research Publications by Faculty of ECE (Jan-June)



### Prakhar Mishra Shines in GATE 2023 with Impressive Rank and Score

Prakhar Mishra, a student from the Department of Electronics and Communication Engineering, achieved a remarkable GATE score of 654 and an All India Rank (AIR) of 595 in the GATE 2023 examination. Out of 45,833 candidates, his performance placed him among the top contenders. His results reflect not only his technical proficiency but also his dedication, perseverance, and hard work. With a score valid until March 31, 2026, Prakhar's success serves as an inspiration to his peers and sets a high standard in the field of Electronics and Communication Engineering. Congratulations to Prakhar for his outstanding achievement and well-deserved recognition!

### International conferences 2023

Conferences Attended by Faculty of ECE (Jan-June)

