M.Tech. (Electronics and Communication) in Wireless Communication Technology

The Department of Electronics & Tele Communication Engineering (E&TCE) established in 1996 offers an Undergraduate Program in Electronics and Telecommunication Engineering which is accredited by National Board of Accreditation for six times. It is also one of the most recognized programs amongst the student community with state of the art facilities, with the best placement track record in niche companies. It was also offering Master of Engineering (M.E) in Microwave since 2006-07 with an intake of 18 Students.

Currently the department is offering M. Tech in Electronics and Communication (Wireless Communication Technology) with an intake Capacity of 6 students keeping in view of the latest technological developments in the field of wireless communications.

Wireless communication systems have progressed at an exponential growth rate over the past few decades. All the stakeholders, including commercial solutions providers, academic researchers, industries, subscribers, technicians, standardization bodies, have all greatly benefited from the revolutionary changes led by most recent advances in wireless communication technologies. Latest technological advances including, software and cognitive radio, network and virtualization, massive MIMO, ultra-densification, millimeter wave, and the introduction of new frequency bands enabled the change. Applications such as machine-to-machine communications, internet of everything, virtual and augmented reality, e-commerce, biomedical applications, unmanned aerial vehicles, and many more. Ever growing service requirements of high data rate, low latency, reliability, spectral efficiency, and energy efficiency are driving the research towards more wireless technological advances.

PICT Electronics and Telecommunication department possesses a very talented group of individuals with state-of-the-art expertise and infrastructure in this domain. In pursuit of excellence in this wireless communication domain, Department facilitated industry supported laboratory and a recognized National Instruments PICT NI LabVIEW academy with Universal Software Radio Peripheral (USRP), NI-MyDaQ, LabVIEW etc., in addition to many other laboratories. Many other laboratories facilities include microwave benches, microwave integrated circuit, radar, vector network analyzer and software such as AWR Microwave office, CADFEKO, MATLAB, HFSS, NI-LabVIEW to enable the students to carry out experiments and research in the field of wireless communication.

The curriculum for the M.Tech (Electronics and Communication-Wireless Communication Technology) has been developed with the help of experts from wireless communication domain reputed industry, academia and R&D institutions.
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Applied Wave Research (AWR) Training

CAD FEKO Training
Industrial Visit - GMRT, Khodad, Pune

Industry Tie-Ups for M.Tech Final Year Projects
Infrastructure - Equipped Laboratories
Our Alumni

Name: Samruddha Thakur  
Institution: Philips Healthcare, Pune  
Position: System Engineer  
Year of Passing: 2013

Name: Aditi Waghmare  
Institution: EXL Service, Noida  
Position: Front End Developer  
Year of Passing: 2020

Name: Harshal Hanmante  
Institution: IITM, Pune  
Position: Research Scholar  
Year of Passing: 2018

Name: Prutha Kulkarni  
Institution: VIIIT, Pune  
Position: Assistant Professor  
Received International Award for her research work at PICT, Pune  
Year of passing: 2013

Name: Jayashri Kulkarni  
Institution: Research Associate, Baylor University, Waco, Texas, USA  
Year of Passing: 2011

Name: Vishal Padwal  
Institution: Qualcomm India Pvt. Ltd deputed by Collabera technologies Pvt. Ltd, Bangalore  
Position: Sr. RF Engineer  
Year of passing: 2013
Salient Features of the Program

1. ALL the GATE qualified students receive stipend from AICTE
2. The majority of the students are placed in good companies with good packages.
3. Meritorious and deserving candidates may be considered for fee waiver.
4. Flexible and weekend academic activities.
5. Job opportunities at reputed research centers in Wireless Domain (SAMEER, IITM, RF Philips, BOSCH etc.)
6. Experienced PhD qualified faculty having expertise in the field of wireless communication, software defined radio, cognitive radio, and machine learning applications to cognitive radio.
7. Results 100% with average grade point above 8.
8. Expert lectures, and demonstrations facilitated, and industrial tours are organized in relevant industries.
10. Many faculty members and students carried out and completed funded research projects and received grants from SPPU, AICTE, RGSTIC etc.
11. Good publications out of dissertations in various reputed journals & conferences.

Reach us at: pgadmission@pict.edu

For More information, Please visit

PICT E&TC Engineering Department: https://www.pict.edu/ENTC-dept/

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