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Tektronix®

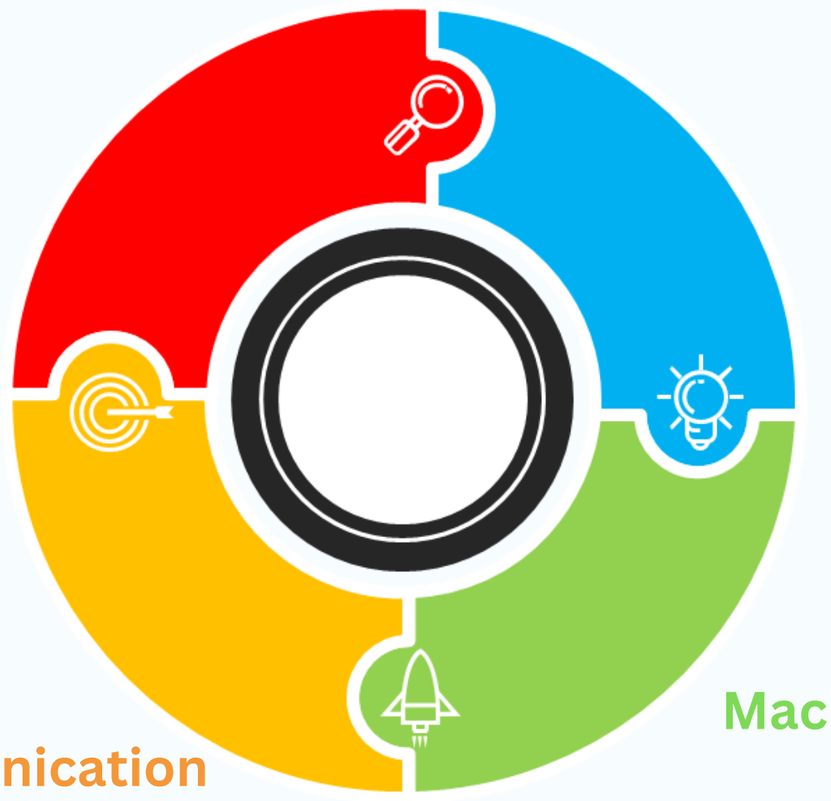
CENTRE FOR 5G AND EMERGING WIRELESS TECHNOLOGIES

Centre for 5G and Emerging Wireless Technologies

About COE

The Centrentre 5G and Emerging Wireless technologie at RV College of Engineering® was started in September 2022 to support training, consultancy and Research. The centre aims at enhancing the knowledge and skill through training. The centre focuses on undertaking interdisciplinary research projects through collaboration with industry and research organizations. The centre has signed an MoU with the Tektronix India Private Limited to provide training for students to enhance the knowledge in the 5G and allied technologies.

Areas of Expertise



Facility & Infrastructure

The centre is supported by MODROB AICTE under the Title: Modernization of Advanced RF and Wireless Communication Laboratory with full-fledged testing and Characterization of the passive and active circuits for 5G and Allied technologies. Sanctioned Amount total : Rs.15,97650/-

Mixed Domain Oscilloscope

USB Spectrum Analyzer

Arbitrary / Function Generator

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INTERNSHIP UNDER THE CENTER OF 5G AND EMERGING WIRELESS TECHNOLOGIES

IN ASSOCIATION WITH TEKTRONIX INDIA PVT LTD

MODULES

M1 : Fundamentals of Signal generation and analysis
M2 : Modulation and demodulation techniques
M3 : Channel coding techniques
M4 : Performance Analysis of the Modulation and demodulation techniques
M5 : Fading channels
M6 : Performance Analysis of Channel coding techniques for different modulation schemes
M7: Testing and measurements of MIMO systems
M8: COAP protocol , MQTT, Security

Contact details

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