

# IEEE Kharagpur Section Activities

## IEEE AP-MTTS Student Branch Chapter of IIT Kharagpur

### Workshop on “Connecting World through Electromagnetics”



IEEE AP-MTTS Student Branch Chapter (under IEEE Kharagpur Section) of IIT Kharagpur organized a workshop on “Connecting World through Electromagnetics” during 26<sup>th</sup> to 28<sup>th</sup> April, 2019. The workshop attracted 22 participants belonging to various engineering institutions from all over India.

This workshop introduced the participants to the cutting edge technologies like Microwave Passive Components, Microwave Systems, RADAR Communication, Antenna Miniaturization and On-chip Antennas, Optical Metamaterials, Microwave Tomography, Electronics Packaging etc. Some important modules of a transceiver system were also presented in detail, i.e., from concept to simulation, fabrication, and packaging. Simulating various electromagnetic scenarios using HFSS, ADS, MATLAB, Python etc. were also covered.

Apart from these, there were talks from IIT Kharagpur faculties and interactive sessions with technical experts from DRDO and other defense organizations of India.

Besides the academic activities the participants were also taken to the Nehru Museum of Science and Technology by the organizers for some recreation.

In the valedictory session the participants were presented with customized coffee mugs along with the certificates for promotion of IEEE and the chapter.

To see workshop pictures on the Facebook page of IEEE AP MTTS Student Branch Chapter Kharagpur Section IIT Kharagpur, pl. visit <http://bit.ly/2YOLH4b>

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