

ASA-2018 Report

ADVANCED SCHOOL OF ANTENNAS (ASA) is a weeklong residential summer school. This is the newly introduced event by IEEE AP-MTTs Kolkata Chapter in association with its Student Branch Chapters at Calcutta University and KIIT, Bhubaneswar. The first edition was held @ KIIT, Bhubaneswar from June 22-26, 2018. This was the first of its kind in India, where antenna researchers, experts and practising engineers gathered under a common roof for an advanced discussion and interaction on antenna designing.

Theme for the first year was “*Basic Theory and Techniques*” comprising of 7 course modules, which were taught, discussed and evaluated by renowned antenna experts of the country and IEEE fellows.

- **Module 1** Radiation and Antenna Theory by Prof D Guha;
- **Module 2** Computational Electromagnetics by Prof. P K Saha;
- **Module 3** Antenna Array Techniques by Prof. R K Mishra;
- **Module 4** Aperture and Feeding Techniques by Dr. S Chakrabarti;
- **Module 5** Fabry-Perot High Gain Techniques by Dr. K Dutta;
- **Module 6** Antenna Array Synthesis by Prof. B Gupta;
- **Module 7** MIMO Antenna Techniques by Prof. S. Sahu

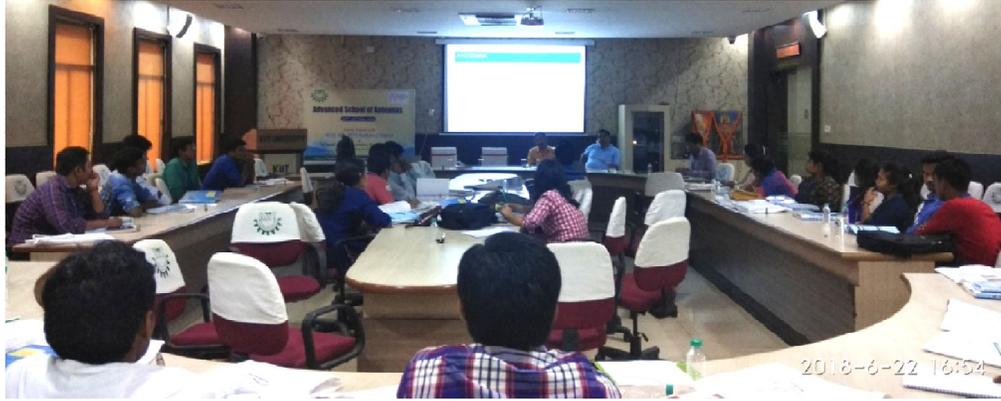
A 2-credit equivalent certificate was awarded to each successful candidate on completion of the total contact period of 29 hours and an evaluation test.

The school was attended by 40 students comprising of faculty members from National Institute of Technologies, Research Scholars, Graduate and Under graduate students. It was a highly successful event and beneficial to all the attendees. The attendees were thankful to Prof. Debatosh Guha, ASA Director, for conceiving and organizing such a school. They promised to attend the school on 2019 too to gather a thorough knowledge on antennas.



Dignitaries and expert panels at the ASA-2018

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Classes going on



ASA volunteers



Cultural Night @ASA 2018



Local trip to Konarak with the ASA participants



Certificate distribution