Summary of the Programme
Indian Antenna Week (IAW 2015)

The 7th edition of Indian Antenna Week (i. e., IAW 2016) was organized by Thiagarajar College of Engineering (TCE), Madurai, Tamilnadu (India), in association with IEEE AP Madras Chapter and IEEE AP/MTT Kolkata Chapter during 6th -10th June 2016.

The prime objective of this workshop was to bring antenna researchers & practitioners from around the world from varied institutional settings and with different business cultures on a common platform so as to share and learn from each other. Distinguished academicians and professionals working in analysis, design, fabrication and testing of antennas contributed their views, ideas and vision in the workshop. Invited talks by eminent researchers, tutorials by academic experts and exclusive student research paper presentations are the facial appearance of the workshop.

The day one started with Key Note Address on "Phased Arrays and Reflector Antennas for 21st Century Satellite Communications" by Dr. Sudhakar Rao, Technical Fellow at Northrop Grumman Aerospace Systems, Redondo Beach, CA, USA followed by deliberation "What is there in IAW 2016 For Participants" by Dr. Guha, Prof., IRPE, Kolkata & Dr. V. Abhaikumar, Principal, TCE, Madurai.

On the day two Dr. Kin Lu Wong, Thomson Reuters Highly Cited Researcher Sun Yat-sen Chair Professor, Electrical Engineering Department National Sun Yat-sen University, Kaohsiung, Taiwan delivered his talk on Communications and the Full-Dimension MIMO Antennas for 5G Smartphones. It was just like a dream come true to meet with Prof Wong.

In second session of day two Dr. M. Balachary, Scientist G, DLRL, Hyderabad delivered an Invited talk on "Trends and Techniques in Broadband Antennas Design & Challenges".

A number of Presentation by industry persons like Modeling of antennas with CST MW studio" by Computer Simulation Technology India Pvt. Ltd, Measurement Solutions Pvt. Ltd., Entuple Technologies, Keysight Technologies, Zebra Technologies etc was also organized, in which participants discussed the issues related to Simulation software and measurement and fabrication of antennas. Industry persons also focused on small errors in designing of antennas.

A number of Open Forum was the key feature of this workshop. The first open forum was chaired jointly by Dr.R.K.Mishra, Professor, Behrampur University, Odisha & Dr. Debatosh

Guha, Professor, IRPE, Univ. of Calcutta on "Challenges in Doctoral Research and Supervision of PhD Students". In succeeding forums "Challenges & Opportunities for Antennas in Defence and Space Applications" and "Challenges & Opportunities for Antennas for Wireless Applications" were discussed.

On day four Invited talk by Dr R.K. Mishra, Professor, Behrampur University, Odisha on "An Introduction to Fractal Antenna" was very interesting and useful. In next session back to Basics. Session: "Electromagnetics made Easy" by Dr.V.Abhaikumar, Principal, TCE, Madurai was fundamentally significant.

Invited talk on "Multi Function Antenna" by Dr.Satyajit Chakrabarti, Senior Scientist, SAMEER, Kolkata Centre and "Antenna Measurements Made Easy" Mr. S. Deepak Ram Prasath, Vice President, Thiagarajar Telekom Solutions Limited (TTSL), Madurai was also prolific.

The organizers arranged an industry tour of Thiagarajar Telekom Solutions Limited (TTSL), Madurai for participant to show the measurement and fabrication facility of antennas.

The organizers also arranged a short trip of famous MEENAKSHI TEMPLE for the participants.

I feel it has given a right platform to all the participants to get together to share thoughts, exchange views, ideas and experiments and to define a road map to cope up with the dynamically challenging situation.

I feel it was a great time for me to spend time and share my knowledge and clarifying doubts with eminent speakers/ researchers during the conference period, which is not possible in general anywhere else.

I am thankful to Principal and TEQIP II for allowing me to attend this conference.

The detailed programme of work shop is attached.