

## **BRIEF REPORT**

**ON**

**PARTICIPATION IN IEEE BIENNIAL CONFERENCE AT AMU: IMPACT 2017**

**(DURATION: 24-26 NOVEMBER 2017)**

IEEE International Conference named as IMPACT (International Conference on Multimedia, Signal Processing and Communication Technologies) is a biennial event, technically Co-sponsored by IEEE UP Section. IMPACT-2017 was a three-day event.

The Day-1 was devoted to Pre-conference Tutorials by various researchers from different industry and academia viz. IIT Delhi, Ericsson and ST Microelectronics. Rest two days were full of research paper presentation sessions and key note addresses by various experts. day-2 started with the inaugural function in the Assembly Hall, University Boy's Polytechnic. We joined the event from Day-2. In the morning, there was a keynote address on 'Harvesting the Energy of the Electromagnetic Wave: from Tesla to THz and Beyond' by Prof. Omar M. Ramahi, Fellow IEEE, Professor, Electrical and & Computer Engineering, Univ. of Waterloo, Ontario, Canada. This keynote was followed by another address by Prof. Santanu Chaudhury, Director, CEERI Pilani, Professor, Dept. of Electrical Engg., IIT Delhi. His discussion was titled as 'Story of Emerging Multimedia'. Another keynote was from Prof. Girish Kumar, EE Department, Indian Institute of Technology, Bombay. This was titled as 'Cell Phone/ Tower radiation hazards and Solutions'.

In the Day-2 afternoon session there was a key note by Prof. Hairul Azhar Abdul-Rashid, Vice President, (Research & Innovation), Multimedia University, Malaysia. In this session we also got our research paper presented. Our paper was titled as 'ITOS: Increased Throughput with Optimized Sink Position Protocol in Wireless Body Area Network'. Our paper got high appreciation by the session chair and also from audiences.

Day-3 started with the wonderful keynote by Prof. M. Balakrishnan, Deputy Director, (Strategy & Planning), Professor, CSE Department, IIT Delhi. He talked about his own innovation and experiences in designing, developing and bringing in product form the powerful solutions for differently able people. The title of his talk was 'Assistive Technology Solution for mobility and Education of Visually Impaired'. His talk had a long lasting impression on us. We discussed about his work with some of our students in our university also. After this keynote, we interacted with the faculty members of the Department of Electronics Engineering, Zakir Hussain college of Engineering and Technology, Aligarh Muslim University and explored the chances of collaborative research. We bade adieu to the AMU in the noon.

The conference provided an interactive platform to discuss the innovations and research experiences with researchers and industry experts in the field of Communication Systems, Signal processing and Device Modeling from all over the world.