

STTP by ETC Department, GCOEN: emphasizes Cognitive Radio as efficient and environment friendly wireless technology

Electronics & Telecommunication Engineering Department of Government College of Engineering Nagpur, in association with Integrity Robotic Solution Pvt. Ltd, recently organized, a one-week Short Term Training Program on “Recent Trends in Wireless Communication Design and Control”. The STTP was sponsored by the Directorate of Technical Education, Mumbai. The training commenced on 13th of Jan, with the keynote address by Dr. from PICT Pune, who gave an insight of the Key Technologies of 5G communication.

Wireless communication today faces the challenge to develop new services, ensuring QoS and in addition requires a promise of working in harmony with nature. The increasing threat to environment of the RF radiations has driven researchers focus on developing environment friendly technologies for facilitating human life, yet ensuring a healthy environment. The main focus of the training program was on the Cognitive Radio Technology, the antenna design, and SDR configuration. The talk by researchers in the field emphasized on Cognitive Radio as efficient Spectrum utilization technology, and highlighted it has a more environment friendly technology than those existing today. Dr. Rajeshree Raut from the host institution elucidated the Cognitive Radio technology in depth, covering every aspect needed by an aspirant in the field.

The total conduct of the training program was technical focus with emphasis on hand-son sessions. The hands-on session by Er Anirudha Kulkarni, RFLABs, Pune, Er. Oveek Chatterjee, Elentrika and Er. Kapil Pandav and team from Robotics Integrity Solution was well attended and highly appreciated by the participants. The faculty experts for training program was an elite blend of industry and academia experts. Field visit to MIDC, Butibori further extended the success boundaries too.

The STTP had an overwhelming response with Participants from Government and Government Aided institutions from all over Maharashtra. The program concluded on 17th Jan marking a new beginning for researchers in the area.

The Coordinators Dr. P. R. Deshmukh, Head ETC and Dr. Rajeshree Raut, Associate Prof. ETC and Dean SA, along with co-coordinators Prof Sujata Nagrale and Prof Shilpa Meshram and the entire ETC department worked hard towards the successful organization of the training program. The student volunteers gave their best in managing the day to day schedules. Dr. M.B. Kumthekar, Principal, GCOEN and Dr. N. D. Ghawghawe, Vice Principal, GCOEN congratulated the coordinators for sincere efforts and brilliant planning and execution that made the STTP a technical extravaganza.



THE INAUGURAL TALK BY DR. P. R. DESHMUKH, HOD ETC



THE TRADITIONAL LAMP LIGHTING BY THE CHIEF GUEST DR. Y.RAVINDER, JOINED BY STTP COORDINATOR DR. RAJESHREE RAUT, DEAN(SA)



THE KEYNOTE SPEAKER DR Y. RAVINDER

