GCoENagpur convenes II Edition of Sammantrana’20:A National Conference for young researchers and innovators

The Government College of Engineering Nagpur has organized second edition of National Conference on “Recent Advances in Engineering and Technology” named Sammantrana’20 on February 20, 2020. This conference was a premier platform for presentation of research results and advancements in various engineering fields. It provides an opportunity to the participants to discuss the emerging technologies in identified areas of Engineering and Technology, and to interact and establish network with researchers and industry experts. The conference was inaugurated at the hands of learned Professor Honourable Dr Pramod M Padole, The Director, VNIT Nagpur, and Professor (HAG) at Department of Mechanical Engineering, VNIT Nagpur; who was the chief guest and delivered the key-note address. More than 150 research papers contributed from all over India & 100 papers were presented in the conference on variety of advanced research topics in different fields of Civil, Mechanical, Electrical, Electronics & Tele-communication and Computer Science & Engineering. Established researchers from various academic institutions were invited for judging the presentations and best paper awards were given to the young researchers from each of the above identified field of engineering. Accepted paper were published in conference proceedings and selected papers were published in International Journal of Emerging Trends in Engineering & Basic Sciences, ISSN:2349-6967.

Last year this young institute of Government of Maharashtra has successfully convened “SAMANTRANA 19” on February 15, 2019, that has been inaugurated at the hands of Er Shri Ulhas P Debadwar, Chief Engineer PWD Nagpur and also NMC Nagpur (additional charge) and who has also delivered keynote address. 77 research papers selected by the reviewers have been presented in the conference of out 133. In each discipline one best paper award has been given to the presenting author. The subject areas encompassed from five different engineering disciplines were as follows. From Civil Engg: eco-friendly constructions, composite materials, monitoring and control of structures; Mechanical Engg: Electric vehicles, drone technologies, nanotechnologies, alternative fuels, robotics; Electrical Engg: Artificial Intelligence in pose stations, Smart grid technologies. Renewable energy systems; Computer Science and Engg: GIS/GNSS grid, Wireless sensor networks, Data mining; Electronics Engg: Spin electronics devices, applications of nanotechnologies in Electronics. In civil engg stream Samiksha Mahakulkar from LIT Nagpur, in Mechanical Engg Roshan Motghare from Govt College of Engineering Karad, in Electrical Engg Harshal Janbandhu from Anjuman College of Engineering Nagpur, in Electronics Engg Trupti Tanaji Hagawane from TCS Nagpur and in Computer Science and Engg Yash Waghmare from YCCE Nagpur bagged the Best Paper Presentation Awards.

The Principal Dr Madhav B Kumthekar is the chief patron of the event, while Dr K M Tajne (Asutkar), Associate Professor and Head, Department of Civil Engineering and and Dr V M Athawale, Associate Professor, Department of Mechanical Engineering have taken the reigns as the convener and co-convener of the conference. Professor A A Gawai, Assistant Professor in Civil Engineering has organized the event with a team of enthusiastic faculty members from all Departments viz. Dr (Ms) J B Randhawa, Dr R L Wankhade, Prof S P Jolhe, Prof V M Titarmare, Dr S A Tekade, Prof A K Baile, Prof (Ms) T N Kumbhalpuri, and Mrs SR Patil.

GCOEN has already conducted a good number of workshops and training programmes sponsored by DST New Delhi, AICTE New Delhi, DTE Mumbai, NISE New Delhi, UBA Mumbaifor technical upgradation of students, faculty as well as nonteaching staff. It has signed MOU’s with prime educational institutions as well as industries viz. VNIT Nagpur, SP CoE Mumbai, MCED-Maharashtra Centre for Entrepreneurship Development Nagpur, Struct-well Mumbai and MITCON Nagpur (for entrepreneurship development); and with Govt. College of Engineering Jalgaon and St Vincent Pallotti College of Engineering Nagpur for Training Placement, academic and research developments. In a short span, the institute has taken efforts for strengthening the Industry-Institute Interaction to prepare the technocrats for the corporate world by introducing them to various expectations of the industry from the academia.