

ACTIVITY REPORT (NCBE'2020)

Three days "National Conference on Biomedical Engineering (NCBE'2020)" was conducted under the aegis of DSIR (Department of industrial and scientific research), Ministry of Science and Technology by NITTTR, Chandigarh from January 22-24, 2020.

The aim for NCBE-2020 is to provide a platform for researchers, engineers, academicians as well as industrial professional from all over the nation to present their research results and development activities in Biomedical based Engineering. . Many new innovations in areas like biometrics, biomedical optics, skin and neuro engineering, molecular bioengineering, minimal invasive monitoring of physiological parameters, robotic surgery etc. have contributed immensely to the well-being of common people. However, Health care is a societal mission and therefore, the journey of biomedical instrumentation is never-ending one.

Conference was conducted at NITTTR Chandigarh.

Day 1:

It included tutorials by Dr U.N. Maurya, Managing Director, L.M. Healthcare on "Hands on Physiograph" and by Dr. Kanav Kahol, Division Head, Affordable Health Technologies Division, Public Health Foundation of India on "Posture and Object Recognition".

After inauguration, conference started with different sessions, the schedule was divided into various sessions:

Day2:

Technical Session- I: Soft Computing
Technical Session- II: Biomedical Engineering Devices
Technical Session - III: Optical Systems

Day3:

Technical Session - I: Communication Technologies
Technical Session - II: Biomedical Engineering Techniques
Technical Session -III: Antenna Engineering

Participants presented their research work in various above mentioned topics and shared their knowledge.

Overall this conference provided an insight to both theoretical and practical knowledge for the design, analysis, and operation of state-of-the art biomedical techniques & devices.



Prof. Chahat Jain
AP, Deptt. of ECE
GNDEC, Ludhiana