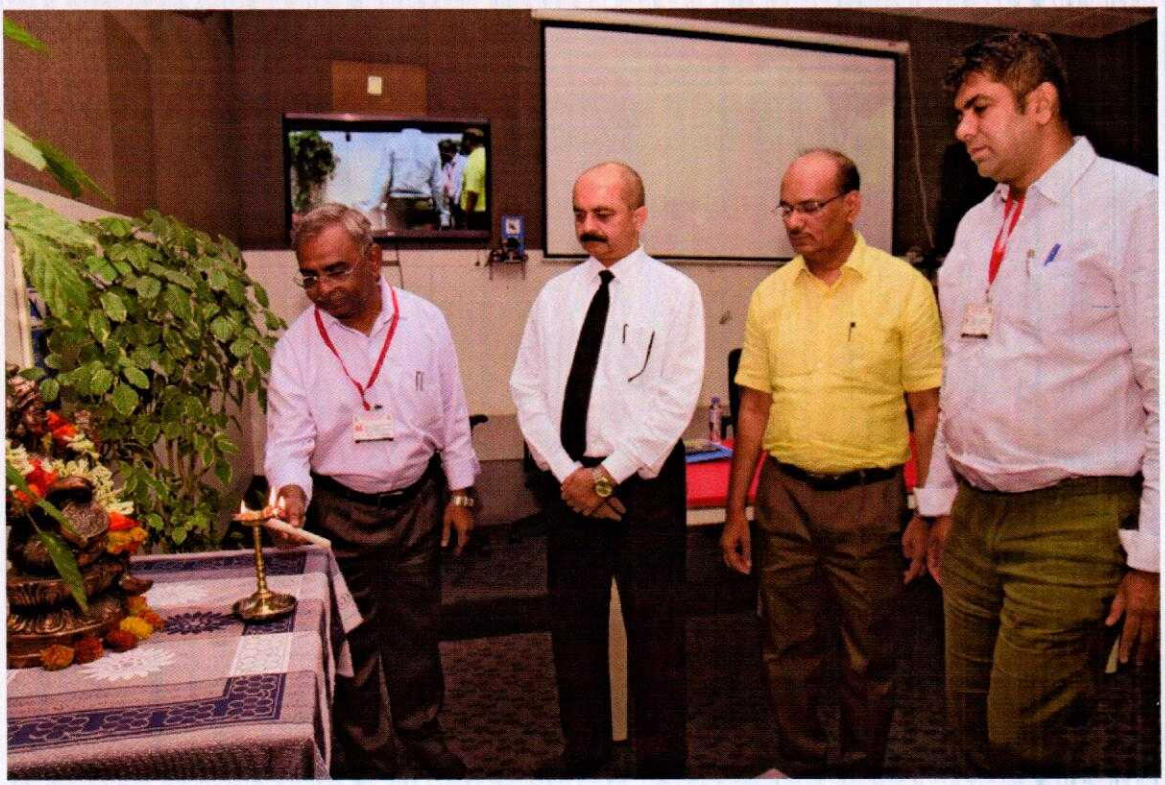
Short Term Training Program (STTP)

on

Characterization of Materials "COM-2018"

sponsored by

Technical Education Quality Improvement Programme (TEQIP III)



The Department of Metallurgical and Materials Engineering, Visvesvaraya National Institute of Technology, Nagpur had organized five days Short Term Training Program (STTP) on Characterization of Materials "COM-2018" sponsored by Technical Education Quality Improvement Programme (TEQIP III). The event commenced with the inaugural function presided by Honorable Chief guest Dr. Anupam Agnihiotri, Director, Jawaharlal Nehru Aluminium Research Development and Design Centre (JNARDDC), Nagpur. Dr. Aware, TEQIP III Co-ordinator graced the occasion as Guest of Honor. Dr. Dilip Peshwe and Dr. Jatin Bhatt, co-ordinator for COM-2018 shared the dais.

Dr. Anupam Agnihiotri, Director JNARDDC mentioned the importance and need of such training as crucial skill for good research. In his presidential address he also extended that material characterization is an integral part for understanding the structure-property relationships for suitable material applications. With development in science and technology, researchers are

mandatory to understand and interpret the data from characterization techniques in order to draw right conclusions. Dr. Aware, TEQIP Co-ordinator also supported Dr. Agnihotri and emphasized the need for such research activities in order to get good research output.

This STTP was attended by 80+ participants covering Metallurgists, Scientists, Industrial person, Academicians, Research Scholars and Post Graduate students from all engineering and science colleges of Maharashtra. The STTP- COM-2018 covered talks from eminent speakers on different topics related to Characterization of Materials. Dr. Joysurya Basu (IIT - BHU, Varanasi), Mr. Ram Chauhan (JNARDDC, Nagpur), Dr. R.K. Paretkar (VNIT, Nagpur), Dr. Bhanu S. Rao (University of Hyderabad, Hyderabad), Dr. Archana Malik (NIT, Rourkela), Dr. M. Imteyaz Ahmad (IIT - BHU, Varanasi), Dr. Rajesh Khatirkar (VNIT,Nagpur), Dr. Ajit Kulkarni (IIT Bombay, Mumbai), Dr. Manjusha Thaware (VNIT, Nagpur), Dr. Anupama Kumar (VNIT,Nagpur), Dr. Ajeet Srivastav, (VNIT, Nagpur), Dr. V. Udhayabanu, (VNIT, Nagpur) , Dr. Atul Ballal (VNIT, Nagpur) covered the basic and advanced topic which focused on problem-solving strategies, resolution requirements and potential artifacts in data collection and analysis.

As a part of the STTP, Laboratory tour was also arranged as one of the major event for the participants to give the wider exposure on the various characterization techniques available at Department of Metallurgical and Materials Engineering. During this event participants visited to the labs where brief demonstration on several characterization techniques like, FE-SEM, SEM, XRD, EDS, UTM machine, Micro-Bulk Hardness Test machine, FTIR, DSC, TGDTA, and several other instruments were given.

This STTP has provided an opportunity to the participants to get the indepth idea about the characterization of Materials, in the respective field on a common interdisciplinary platform. The event was concluded with Valedictory function, Dr. Pramod Padole, The Director Select, VNIT Nagpur was the Chief Guest for valedictory Function. Dr. Padole congradulated foe the successful organization of the training program and also encouraged to organize such events in future in order to benefit the mass. The certificates were distributed with the hands of guest to all participants after the successful completion of the program. Dr. Manjusha Thaware compared the program.

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VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY (VNIT)

DEPARTMENT OF METALLURGICAL & MATERIALS ENGINEERING NAGPUR

SHORT TERM TRAINING PROGRAM (STTP)

ON

"Characterization of Materials" (COM - 2018)

22nd - 26th March 2018