

NATIONAL SEMINAR

ON

Advances in Materials, Manufacturing and Renewable Energy Systems (AMMES 2018) August 17-18, 2018

Organized by

Department of Mechanical Engineering



BKR National Institute of
Technology & Management Lucknow

SPONSORED BY



Dr. A. P. J. Abdul Kalam Technical
University Lucknow

ASSOCIATION WITH



The Institution of Engineers (India)
UP State Centre Lucknow

ABOUT INSTITUTE

BKR National Institute National Institute of Technology and Management (BKRNTM) Lucknow, India is one of the reputed Institute located at the main highway of Lucknow. Established about 17 Km from the Chhatrapati Railway Station Lucknow. The Institute is affiliated to the Dr. A.P.J. Abdul Kalam Technical University Lucknow and offers various undergraduate and post graduate programs in Engineering and Management recognized by AICTE New Delhi. The Institute focuses towards quality based education with high academic standard to meet the global challenges with continuous efforts of highly qualified and experienced faculties through continuous research and development.

ABOUT DEPARTMENT

Mechanical Engineering Department is the largest department in terms of Faculties and Students of the BKRNTM. The Department of Mechanical Engineering offers B.Tech and PG programs in B.Tech in Mechanical Engineering and M.Tech in Production Engineering. The Department of Mechanical Engineering is equipped with modern facilities and continuously strives to provide the world class education to the students and also makes efforts in field of research through keeping itself updated related to the latest developments and research trends in the field of engineering with a group of the highly qualified and experienced dedicated faculties.

ABOUT LUCKNOW

The Green City of Nawada or Nawab City Lucknow is the capital of Uttar Pradesh and sits on the northeastern shore of the Grand River. It is a historical city and many historical buildings are located here like State Durbar, State Secretariat (Chief Minister), Chief Secretariat, State Vigil Instructors, Chhatrapati Ghat, Secretariat, Begum Hazrat Mahal, English of Nawab and State of Legislative Assembly. The city is well connected to the major part of the country by Roads, Trains and Airways. The climate of city varies throughout the year and moderate sunny climate may be during months of July-August. Invites you to visit the Nawab City and Nawab Culture of the Lucknow.

ABOUT SEMINAR

The National Seminar on "Advances in Materials, Manufacturing and Renewable Energy Systems (AMMES 2018)" has been designed to cover the participants with all of conducting empirical research related to Mechanical, Thermal, Industrial and Manufacturing Engineering, Materials and their Processing, Renewable Energy and their latest aspects in development. The Seminar also provides the information related to the recent advancement in the Materials, Manufacturing and Renewable Energies with their latest applications useful for the sciences and industries.

OBJECTIVES OF SEMINAR

The objectives of Seminar are to provide a platform to the Experts, Academics, Corporate Members and Researchers related to the Materials, Manufacturing and Renewable Energies to share their knowledge and discuss the related problems for further research and development.

TOPICS TO BE COVERED

The following subjects/topics to be covered from the end state the wide scope of Seminar.

- Traditional Materials and their Processing
- Advanced and Hybrid Materials
- Design and Thermal Engineering
- Industrial and Rapid Prototyping
- Traditional and Advanced Manufacturing
- Micro/Nano and Hybrid Technology
- Modeling, Simulation and Optimization
- BIM and Soft Computing Techniques
- Mechanisms and Robotics
- ENRGE APPLICATIONS
- Renewable Energy Resources
- Sustainable Energy
- Waste Management
- Operation and Engineering Management
- Knowledge Management and IT Systems
- Nanotech and Nano Handling
- Entrepreneurship