

NATIONAL SEMINAR

ON

Advances in Materials, Manufacturing and Renewable Energy Systems (AMMRES 2018)

August 17-18, 2018

Organized by

Department of Mechanical Engineering



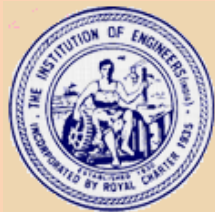
**Babu Banarasi Das National Institute of
Technology & Management Lucknow**

SPONSORED BY



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

ASSOCIATION WITH



**The Institution of Engineers (India)
UP State Centre Lucknow**

ABOUT INSTITUTE

Babu Banarasi Das National Institute of Technology and Management (BBDNITM) Lucknow, India is one of the reputed Institute located at the main highway of Lucknow-Faizabad road about 15 Km from the Charbagh Railway Station Lucknow. The Institute is affiliated to the Dr APJ Abdul Kalam Technical University Lucknow and offers various under graduate 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 term of Faculties and Students of the BBDNITM. The Department of Mechanical Engineering offers UG and PG programs as B.Tech in Mechanical Engineering and M.Tech in Production Engineering. The Department of Mechanical Engineering is equipped with modern facilities and consistently strives to provide the world class education to the students and also makes efforts in field of research through keeping itself updates 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 famous City of Nawabs or Nawabi City Lucknow is the capital of Uttar Pradesh and sits on the northwestern shore of the Gomti River. It is a historical city and many historical buildings are located here like Rumi Darwaja, Bara Imambara (Bhool Bhulaiya), Chota Imambara, Shah Najaf Imambara, Dilkusha Kothi, Residency, Begum Hazrat Mahal, Dargah of Hazarat Abbas and House 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 rainy climate may be during month of the July-August, invites you to visit the Nawabi City and Nawabi Culture of the Lucknow.

ABOUT SEMINAR

The National Seminar on “Advances in Materials, Manufacturing and Renewable Energy Systems (AMMRES-2018)” has been designed to cover the participants with skill of conducting empirical research related to Mechanical, Thermal, Industrial and Manufacturing Engineering, Materials and their Processing, Renewable Energy and their future 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 societies and industries.

OBJECTIVES OF SEMINAR

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

TOPICS TO BE COVERED

The following sub-topics to be covered here but **not limits 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
- FEM and Soft Computing Techniques
- Mechatronics and Robotics
- DAD/CAM/SIM/FMS
- Renewable Energy Resources
- Sustainable Energy
- Waste Management
- Operation and Engineering Management
- Knowledge Management and E-business
- MATLAB and Data Handling
- Entrepreneurship

PARTICIPATION

The broad scope of Seminar invites to the Academia, Faculties, Researcher Scholars, and Students of Universities/Colleges and Professionals from Industries for presenting their original works.

BENEFITS TO PARTICIPANT

The Seminar becomes beneficial for the participants in following ways:

- A better platform to discuss about their idea.
- Know the recent advances in their field.
- Know the views and ideas of experts
- Certificates for presentation/ participation.
- All the selected papers will be published in Proceeding with ISBN number.

HOW TO REGISTER

For registration, the participants send the dully filled Registration Form along with the D/D of applicable fee in favor of "BBDNIT&M" payable at Lucknow after notification for acceptance of submitted paper. "On Spot" registration facility will avail by participant after prior information.

IMPORTANT DATES

Submission of full length paper: **July 20, 2018**
Notification of review comments: **July 25, 2018**
Submission of camera ready paper: **July 28, 2018**
Last date for registration: **July 30, 2018**
Date of Seminar: **August 17-18, 2018**

VENUE

**Mechanical Engineering Department
BBDNITM Lucknow**

REGISTRATION FEE

- Students/Research Scholars: Rs 1000/-
- Academicians: Rs 1500/-
- Industry Professionals: Rs 2000/-
- Participation/Attended: Rs 500/-

SPONSORSHIP/ADVERTISEMENT

- Diamond Category: Rs 5000/-
- Gold Category: Rs 3000/-
- Silver Category: Rs 2000/-

CHIEF PATRON

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Hon'ble Vice Chancellor
Dr A P J Abdul Kalam Technical University Lucknow

Mrs. Alka Das

Hon'ble Chairperson
Babu Banarasi Das Educational Group Lucknow

PATRON

Shri Viraj Sagar Das

Hon'ble President
Babu Banarasi Das Educational Group Lucknow

CONVENERS

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Dean, PG Studies and Research
Dr APJ Abdul Kalam Technical University Lucknow

Prof. (Dr.) S. H. Abdi

Director
BBDNITM Lucknow

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Department of Mechanical Engineering
BBDNITM Lucknow

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Er. Gaurav Sachan

Department of Mechanical Engineering
BBDNITM Lucknow

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SUBMISSION GUIDELINES

The submission of papers for AMMRES-2018 compiles as Title, Name and Affiliation of Authors, Abstract, Keywords, Introduction, Methodology, Results and Discussion, Conclusions, Acknowledgement, and References according to the format. The paper must be covered within the **Ten Pages** and send to seminar2018@bbdnitm.ac.in. Please check the plagiarism before submission and it should be less than 20%. For more details, please visit to www.bbdnitm.ac.in or www.aktu.ac.in

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REGISTRATION FORM

- Paper ID:
- Title of Paper:
- Name of Author:
- Designation:
- Institute/Organization:
- Address for Correspondence:
- Mobile Number and Email:
- Category of Registration (Please tick)
Student Academia Industry Participation
- Mode of Payment (Please tick)
Cash Draft
- Amount (Rs): (in word):
- D.D/ID No: Date:
- Name of Bank and Branch:

Declaration

I, hereby declare that all the informations are true to the best of my knowledge.

Date & Place

(Signature of author)