

Report on International Seminar
“Modern Trends in Engineering and Sciences MTES-17”
August 3, 2017

An International Seminar on “Modern Trends in Engineering and Sciences MTES-17” was held on August 3, 2017 at Integral University, Lucknow. The seminar has brought together more than hundred participants from various academic institution and industry across the country. The seminar was technically supported by IEEE UP Section, ISTE and WIE IEEE Affinity Group.

The seminar started with the welcome address by Dr. Monauwer Alam, Convener and head of Department of Electrical Engineering. Chief Guest of the seminar Prof. Jamal M. Arif, Pro-Vice Chancellor, Integral University delivered the presidential address calling attention to the fact of Modern Trends in Engineering and Sciences.

The Seminar Souvenir was released by Pro-Vice Chancellor in the presence of all dignitaries on the dice. Pro-Vice Chancellor, Integral University honored Dr. Anurag Kr. Srivastava, guest of honor of the seminar Professor at State of Washington with a token of appreciation in the form of University memento.

The special session was started with keynote by Prof. Anurag Kr. Srivastava, who putted light on the Microgrid which helps to increase the renewable distributed energy sources.

After Keynote address by Prof. Anurag Kr. Srivastava, four parallel tracks were held, where more than 60 papers were presented. More than 20 invited talks were delivered by various researchers. During inauguration, Prof. Aquil Ahmad, Controller of Examination, Integral university, Lucknow, Prof.(Dr.) Monowar Alam Khalid, Dean, Students Welfare, Integral University, Lucknow were also present in the seminar.

Session 1: Computational Technology

Invited Talk 1: Dr. Alka Agrawal, Baba Saheb Bhimrao Ambedkar University, Lucknow

1:

Topic : Ransomware: A New Threat To Cyber World

Invited Talk 2: Dr. Neeraj Kumar Tiwari, Shri Ramswaroop Memorial University, Lucknow

2:

Topic : Pervasiveness of Forgetfulness Among Young Generation Of Mobile Phone Users

Session 2: Electronics, Electrical and Physics Session

Invited Talk 1: Dr. Rajender Kumar, Assistant Professor, Deptt. of ECE, NIT Kurukshetra

Topic: Optimization - A need for Modern Engineering.

Invited Talk 2: Dr. Sudhaker Dixit, Assistant Professor, Deptt. of Science and Humanities UIET, BBAU, Lucknow.

Topic: Gamma Irradiation Induced Transformational changes in the properties of Nematic Liquid Crystal.

- Invited Talk 3: Ms. Iffat Zahra Rizvi, Ex. Engineer ZTE
Topic: Image Segmentation Application for Skin Defect Detection
- Invited Talk 4: Mr. Mirza Mohammad Shadab, Assistant Professor, Deptt. of EE, Integral University, Lucknow.
Topic: Solar PV Based Grid-Tied Multilevel Inverters.
- Invited Talk 5: Mr. Mohammed Asim, Assistant Professor, Deptt. of EE, Integral University, Lucknow.
Topic: Microcontroller Based Constant Voltage Maximum Power Point Tracking PV Systems Operating Under Changing Atmospheric Conditions.
- Invited Talk 6: Dr. Afroj Ahmed Khan, Assistant Professor, Deptt. of Physics, Integral University, Lucknow.
Topic: DFT Calculations Electronic Structural Properties of some Advanced materials.
- Invited Talk 7: Mr. Ayan Mustafa Khan, Assistant Professor, Deptt. of ECE, Integral University, Lucknow.
Topic: Devices in New Era on Nano Scale.
- Invited Talk 8: Mr. Mohd. Suhaib Kidwai, Assistant Professor, Deptt. of ECE, Integral University, Lucknow.
Topic: Use of Recurrence For Detection of Epilepsy.
- Invited Talk 9: Dr. Isht Vibhu, Head, Deptt. of Physics YDPG College Lakhimpur Kheeri.
Topic: Metamaterials and Their Applications.

Session 3: Mathematics Session

- Invited Talk 1: Dr. Mobin Ahmad, Associate Professor, Department of Mathematics, Integral University, Lucknow.
Topic: Geometry of certain structures and connections induced on a differentiable manifold.
- Invited Talk 2: Dr. Alok Kumar Agrawal, Associate Professor, Department of Mathematics, Amity University, Lucknow.
Topic: Mathematical Modeling in Ecotoxicology.

Session 4: Chemistry, Pharmacy and Biotechnology Session

- Invited Talk 1: Dr. Minaxi B. Lohani, Associate Professor, Department of Chemistry, Integral University, Lucknow.
Topic: Mass Spectrometry: Principle and Applications.
- Invited Talk 2: Mr. Anup K. Sirbaiya, Assistant Professor, Faculty of Pharmacy, Integral University, Lucknow.
Topic: Mass spectroscopy a tool for analysis of Intermolecular Interactions.

Invited Talk 3: Dr. Satya Prakash Singh, Associate Professor, Faculty of Pharmacy, Integral University, Lucknow.

Topic: Polymers and its Characterization.

Invited Talk 4: Mr. Ranjan Kumar, Assistant Professor, Faculty of Pharmacy, Integral University, Lucknow.

Topic: Physical Methods Employed in Drug Discovery.

Invited Talk 5: Dr. Malik Nasibullah, Assistant Professor, Department of Chemistry, Integral University, Lucknow.

Topic: Multicomponent reactions MCRs.

Invited Talk 6: Dr. M. Kalim, A. Khan, Assistant Professor, Department of Bioengineering, Integral University, Lucknow.

Topic: Bioinformatics as a catalyst to life sciences research and development.

The presentations were reviewed by panel of session chairs Prof. M. A. Mallick, Department of Electrical Engineering, Integral University, Lucknow, Dr. Asif Jamil Ansari, Department of Electrical Engineering, Integral University, Lucknow, Dr. Abdul Wadood Khan and Dr. Shadab Ahmad Khan, Department of Mathematics, Integral University, Lucknow, Dr. Preeti Bajpai, Department of Biosciences, Integral University, Lucknow and Dr. Anuradha Mishra, Faculty of Pharmacy, Integral University, Lucknow, Dr. Sandeep Kumar Nayak and Dr. Mohd. Faisal, Department of Computer Application, Integral University, Lucknow.

Similarly, the presentations were reviewed by panel of session managers Dr. Savita Maurya, Department of Electronics and Communication Engineering, Integral University, Lucknow. Mr. S. K. Mishra, Department of Electronics and Communication Engineering, Integral University, Lucknow, Dr. Najmuddin Ahmad, Department of Mathematics, Integral University, Lucknow, Dr. Vaseem A. Ansari, Faculty of Pharmacy, Integral University, Lucknow. Dr. Suhel Ahmad Khan and Mrs. Halima Sadia, Department of Computer Application, Integral University, Lucknow.

Session was co-chaired by Mr. Ahmad Faiz Minai, Department of Electrical Engineering, Integral University, Lucknow, Mr. Saif Ahmad, Department of Electronics and Communication Engineering, Integral University, Lucknow.

Academicians from various universities of the world like Dr. A. M. Quraishi UNEC, Qassim University, Al Qassim Buraidah, KSA, Dr Azizul Hasan, Jazan University, Jazan, KSA. Dr. Hasin Alam IBRA College of Technology, IBRA, Oman, Saifur Rahman, Najran University, KSA, Prof. N. R. Kidwai, JIT, Barabanki had participated and presented their research in the seminar.

Similarly, students from various universities had presented their research paper in seminar extensively. Some of them are as under:

Mrs. Nilu Singh, Babasaheb Bhimrao Ambedkar University, Lucknow, India, Piyush Kumar Tripathi, Amity School of Applied Sciences, Amity University, India, Neelam Yadav, Amity School of Applied Sciences, Amity University, India, Farha Usman Department of ECE,, Allahabad University, Allahabad, India, Nazia Parveen Department of ECE, SRMS College of Engg. & Technology, Bareilly, India, Dashrath Kumar, Rajkiya Engineering College, Bijnor, India, Anshul Mishra BBD University, Lucknow, India, Saima Aleem, Department of Computer Science and IT, Khwaja Moinuddin Chisti Urdu, Arabi-Farsi University, Lucknow, India, Nutan Verma, Department of Computer Science and Application, R.K.D.F University, Bhopal, India, Nilu Singh, Babasaheb Bhimrao Ambedkar University (Central University), Lucknow, India, Suyash Narayan Mishra, Amity School of Applied Sciences, Amity University (Lucknow Campus), India, Piyush Kumar Tripathi Amity School of Applied Sciences, Amity University, India, Pooja Mishra, Department of Physics, MGCG Vishwavidyalaya Chitrakoot, Satna , M. P. India.

Valedictory session was conducted by Talat Zehra, B.Tech 2nd Year ECE, Integral University, Lucknow. The certificates were distributed by Prof. T. Usmani, Professor ECE, Integral University, Lucknow. On behalf of the departments of ECE, EE & Physics, Mr. Shailendra Kumar, Co-Organizing Secretary, Department of ECE, Integral University, Lucknow proposed the vote of thanks.

Glimpses:

