

**PRESENTATION SCHEDULE SPEEDS-2019
(Day 1: February 7, 2020)**

**Plenary Session-1
Multipurpose Hall**

12:35 PM to 12:45 PM- Prof. Usha Bajpai, Lucknow University
 12:45 PM to 12:55 PM- Dr. Alok Kumar, Founding Dean-FMS GNS University Rohtas
 12:55 PM to 01:05 PM- Prof. (Dr.) P.K. Bharti, Head of ME, Integral University, Lucknow
 01:05 PM to 01:15 PM- Prof. Suresh. C. Bajpai, FIETE, Director(T), Futuris Energy Pvt. Ltd.

**Technical Sessions
Multipurpose Hall, LT – 1 & LT – 2**

- (A) Technical Session –I (Multipurpose Hall)
 Technical Session –II (Lecture Theatre-1)
 Technical Session –III (Lecture Theatre-2)

Time: 2:20 PM to 3:30 PM	Technical Session-I	Session Chair (Multipurpose Hall) Prof. R. K. Bajpai & Dr. Tanveer Hasan	Technical Session-II	Session Chair (Lecture Theatre-1) Dr. Daya Shanker	Technical Session-III	Session Chair (Lecture Theatre-2) Dr. Jaswant Singh
1.0 Non-Conventional Energy Resources/ 5.0 Preservation of Natural Resources / 7.0 Others	T1.1	Utilization of Waste Plastic in Manufacturing of Bricks Along With Quarry Dust and M-Sand- Maaz Allah Khan	T1.2	Carbon Fertilization and its effects- Alok Kumar, Vipin Kumar, Adhir Tandon	T1.3	Power Transmission Challenges and Scopes of Renewable Based Electrical Systems for Remotely Located Areas-Vibhu Bhardwaj, Sunny Shiwaliya, Varun Kumar, Aryan Kakran, Nitin Kumar Saxena
	T1.4	Design and Fabrication of Smart Homes Using Fog Computing IoT Enable Automation System-Akansha Singh, Shiva Prakash	T1.5	Utilization of Non-Conventional Energy Resources in India- Dr Syed Haider Ali, Syed Asghar Husain Rizvi	T1.6	Waste to Energy: a review on generating Electricity in India- Dr. Mohd Miyan, Dr. M.K. Shukla
	T1.7	Review on Biodiesel: A Non-Conventional Energy Resource- Dr. S. Rais Haider, Dr. S. Husain Asghar Kazmi and Dr. M.M. Abid Ali Khan	T1.8	Emerging Technologies of renewable Energy Resources: a Review - Pankaj Kumar Rawat, Gyanendra Kumar Yadav , Gaurav Kumar Ojha, Pankaj Kumar Yadav	T5.1	Nandigram : A Step Towards Ecological Sustainable Development in India -Dr. Sangeeta Bajpai
	T5.2	Integrating Climate Change Mitigation And Adaptation In Indian Agriculture-Pankaj Kumar Yadav,Gaurav kumar ojha	T5.3	A Review on Food Waste Management in India-Methods and Future Challenges-Suraj Kumar Pal , Professor Jeeoot Singh	T5.4	Impact of Eco Tourism and he nvolvement of Local Residents on Tourism: A Case Study of GAVI Village, Kerala-Dr. Anurag Shrivastava, Christo Paul
	T5.5	Corporate Environmental Policy: The Conceptual Framework for Implementation and Compliance-Dr. Aditya Kumar Gupta	T5.6	How to Reduce the Use of Natural Resources-Dr.Noohi Khan	T7.1	An Approach for Finding Time Spent by User on Web Page to Predict Quality of Page-Hemant Kumar Singh

	T7.2	Present and Future Status of Electricity Generation and Consumption in India- Amarjeet Singh and Pankaj Gupta	T7.3	Self Similarity Solution of Spherical And Cylindrical Blast Wave-Jitendra Kumar Soni , K.K Srivastava	T7.4	Investigation of Surface Roughness and Surface Morphology During Wire-EDM of EN-8-Syed Asghar Husain Rizvi, Prem Kumar Bharti and Adhir Tandon
	T7.5	H-isotropic (α,β) - Finsler Manifold of Unit Sectional Curvature- Anil Kumar Gupta	T7.6	Novel Spirocyclopropyl Oxindole Derivatives as Potential Antitumor Compounds-Jaya Pandey	T7.75	Analysis of Oxidation Behavior on Uncoated Alloys & Superalloys at 800°C -Anil Kumar1, Vivek Srivastava2, N. K. Mishra3
	T7.8	Synthesis and Optical Investigation of 60[SrTiO]-40 3 [2SiO B O] Glasses Doped With Different Mole 2 2 3 Percent of CrO3-Anod Kumar Singh, Ajay Kumar Sharma and Shri Prakash Mishra	T7.9	Dosimeter And Its Therapeutic Role In Medical Sciences-Richa Khare	T7.10	A Study of Different Text Minig Techniques- Sandeep Kumar, Dr. Hemant Kr. Singh and Dr. Devesh Katiyar
	T7.11	Biomaterials in blood-contacting applications-Smriti Khare	T7.12	A Comprehensive EOQ Model for Deteriorating Commodities and Shortage under Permissible Delay in Payment-Sachin Mishra	T7.13	Electromagnetic wave propagation in planer anisotropic metamaterial-kundan kumar
	T7.14	Numerical Analysis of Twin-Roll Casting of Strips with Profiled Cross- Section-Shailesh Singh	T7.15	Synthesis And Bio-Evaluation of Tetrahydro Benzazepine Derivatives As Potential Antimicrobial Agents-Nidhi Singh , Jaya Pandey	T7.16	Bearing Defect Detection in Induction Machine Based on Current Analysis Using High Resolution Technique-Sushil Kumar and Mohd Afzal
	T7.17	A Comparative Study on Improvement in VLSI Technology: The FinFET Technology-Vinay Kumar Verma , Anurag Singh	T7.18	A Study on Current Substance Based Picture Recovery Frameworks and its Related Highlights-Nancy Vaish and Mohd. Aamir Khan	T7.19	The Kinetic, Mechanistic and DFT Studies of Ru(III) Catalysed Oxidation of Paracetamol by KBrO ₃ in Acidic Medium-Amrita Srivastava, Ashish Verma
	T7.20	Stabilization of Expansive Soil using Bio-enzyme-Akhilesh kumar , Shubham Kesarwani	T7.21	Prediction of Antagonistic Activity of -Carboline and its β Derivatives using Topological Descriptors-Anil Kumar Soni	T7.22	The Kinetic, Mechanistic and DFT Studies of Ru(III) Catalysed Oxidation of Aspirin by KBrO in Alkaline 3 Medium-Dr. Amrita Srivastava, Ashish Verma, Virendra Kumar

(Day 1: February 7, 2020)
Post Tea Technical Sessions
Multipurpose Hall, LT – 1 & LT – 2

Invited Speaker: Keynote Address by Dr. Yoseph Araya, The Open University, U.K. 04:00 P.M. – 04:15 P.M.

(B) Technical Session –IV

Technical Session –V

Technical Session –VI

Time: 4:15 PM to 5:15 PM	Technical Session-IV	Session Chair (Multipurpose Hall) Dr. R. K. Shukla & Dr. Nitin Pandey	Technical Session-V	Session Chair (Lecture Theatre-1) Dr. Mohammad Miyan	Technical Session-VI	Session Chair (Lecture Theatre-2) Dr. M. K. Shukla
2.0 Potential of Solar Energy in India / 3.0 Potential of Wind Energy in India / 6.0 Technological Changes to Preserves Environment / 7.0 Others	T2.1	Transformation of Wireless Energy in Electrical Vehicle by using Solar Power-Dr. Shad Husain	T2.2	Recent Advances in Solar Energy-Ruchi Patel	T2.3	Sustainable Solar Powered Bicycle-Shivam Kr.Prajapati, Jitendra Kr.Srivastava and Dr. Abhishek Mishra
	T2.4	Electrical, Optical and structural Characteristics of Nanostructured Energy Harvesting Devices Perovskite Solar Cells-Amrit Kumar Mishra, K. C. Dubey and R.K.Shukla	T2.5	Analytical Study of Energy and Exergy on PV System-Anoop Kumar Singh	T2.6	Review on Solar Water Heater-Indal Arya
	T2.7	Potential Use of Nanofluids in Solar Collectors: A Review-Mangesh Gupta Ram Bilas Prasad	T2.8	Impact of Solar Energy in India and its Future Plan-Prof. Bharat Raj Singh, Prof. Manoj Mehrotra	T2.9	Synthesis and Characterization of Fe Doped TiO Rutile 2 for Solar Cell Application-Neetu Rathore, Asita Kulshreshtha, Rajesh Kumar Shukla
	T2.10	Design and fabrication of solar motoring along with seed prayer machine-Aakash Tiwari, Gaurav Chaudhari, M. Subhash, Narendra Kumar , Zeeshan Ahmad	T3.1	Wind Energy Potential in India and its Harnessing Plan-Prof. Bharat RajSingh and Prof. Onkar Singh	T3.2	A Comprehensive Survey on Novel Fault Current Limiters in Wind Energy Conversion System-Preeti Verma, Pankaj Gupta, Dr.Amarjeet Singh
	T3.3	Design and Analysis of Wind Mill for Efficient Energy Production-Dr. Bharat Raj Singh, Dr. Dharmendra Singh and Dr. PK Singh	T6.1	Genetic algorithm based support vector machine for estimating suspended sediment yield in Godavari river basin, India-Dr. Arvind Yadav and Dr.Haripriya Mishra	T6.2	Impact of cement dust deposition on chlorophyll content of tecoma stans leaves growing near the vicinity of cement plant-Riya Shrivastava , Jyoti Prakash
	T6.3	Present Status and Future Trends of Electric Vehicle and Its Charging System in India-Kumar Shivam, Deepesh singh, A.K Gautam	T6.4	Organic waste management using Black soldier fly larvae: A review-Sumit Kumar Jaiswal , Professor Jeeoot Singh	T6.5	Phytoremediation of indoor air pollution-Riya Shrivastava , Jyoti Prakash
	T6.6	Biodegradable Polymers for Sustainable Environmental and Economic Development-KartikeyKumar Srivastava, Vindhya vasini Pandey	T6.7	Tribological Aspect of Nanolubricant Based on Carbon Nano Tubes (CNTS) & Graphene – A Review-Prayag Narayan Singh , Ankit Saxena , Dr. Swati Gangwar	T6.8	Use of Expert System in Environmental Engineering-Sanjeev Kumar Pandey , Maaz Allah Khan
	T6.9	MATLAB – A Tool for Air Quality Assessment in Lucknow City: A Review-Arshad Abbas1, Ayaz Ahmad	T6.10	Rice Husk Based Geopolymer as Environment Friendly Material - A Review-Vigvesh Kumar	T6.11	Impact of Vibration Balancing in the Rotating/ Moving Parts of Transport Vehicle to Reduce Emission Thrown in the Atmosphere-Manoj Kumar Singh and Prof.(Dr.) Bharat Raj Singh

	T6.12	Review on Sustainable Transport for Smart Cities-Hari om Pal , Shubham Pal, Shubham Kesarwani	T6.13	Review of Hybrid Vehicle-Harsh Dubey, Sudhanshu Vishwakarma, Amit Thakur, Rajneesh Kumar, & Gaurav Rai	T6.14	Study of LPG Refrigerator as Alternative Refrigerant for Refrigeration-Ravindra Kumar, Sumit Dwivedi
	T6.15	Review of Powerful Electrical Bicycle-Sanjana Panika, Pankaj Verma ,Rahul Verma, Vipul Rai, Nesar Aalm Ansari	T7.23	Stability and Dynamics of Deviation Vector in the Modified Chua Circuit System-C. K. Yadav	T7.24	Influence of Wire-EDM Process Parameters on Surface Integrity of EN-24-Ajay pal, Vibek kumar sharma
	T7.25	Annealing Effect in Photoconductivity of ZnS Nanoparticles prepared by Precipitation Method-Nitin Pandey, Rahul Misra	T7.26	Synthesis and Optical Properties of Multi-walled Carbon Nanotubes-Nitin Dwivedi , R. K. Shukla	T7.27	A Literature Review on Exhaust Manifold Optimisation and Structural Analysis through F.E.A Approach-Paritosh Pandey ,Devraj Chauhan, K.G. Sinha
	T7.28	A Review of Recent Developments in Nano-based Drug Delivery Systems-Ragini Dubey	T7.29	Synthesis, Mechanical and Biological Study of h-BN Reinforced Zirconia Composites for Bone Regeneration Applications-Amarendra Gautam, C. R. Gautam	T7.30	Numerical Study of Rectangular Heat Sink Channel with Varying Hydraulic diameter-Shubham kumar Jaiswal, Devesh Kumar
	T7.31	“RED TACTON: A Study on Human Area Networking”-Ritu Singh , Ankita Upadhyay	T7.32	CFD Analysis of Rectangular Fin of Two Wheeler Bike Engine with Different Type of Notches-Saksham Srivastava ,Devesh Kumar	T7.33	Study of the Spectroscopic Behavior, NLO Properties and Molecular Docking of Baicalien (5,6,7-Trihydroxyflavone) Using First Principle-Tanveer Hasan , Sayed Hasan Mehdi , P K Singh
	T7.34	Kinetic and Mechanistic Study of Os (VIII) Catalyzed Redox Reaction of Paracetamol by NBS in Acidic Medium-Dr. Amrita Srivastava, Virendra Kumar	T7.46	Importance of Microstrip Antennas In Wireless Communication- Rakesh Kumar Bajpai, Rajeev Paulus	T7.36	Retrofitting of RC Beam-Column Joint using GFRP by ETAB Software-Mohd Aquib, Uroj Shameem, Ashutosh Srivastava
	T7.37	Some Perfect Magnetofluid Solutions-Vishnu Dev Tripathi	T7.38	Structural, Microscopic And Superconducting Properties of Ag-doped (Ti,Bi)-Sr-Ca-Cu-O HTSC film-A K Sharma , Anod Kumar Singh	T7.39	Hand pattern Recognition from SEMG signals using Signal processing-Samreen Khan, Dr. Shafeeq Ahmad
	T7.40	Network Intrusion Detection using Supervised Machine Learning Technique with Feature Selection-Nazaan Shaheen, Brijesh Pandey	T7.41	Theoretical Study for Equation of State for Solids under High Pressure using Finite Strain Theory-Pawan Kumar Singh	T7.42	Linear, nonlinear and Weakly nonlinear analyses of thermosolutal convection induced by selective absorption of radiation in a fluid layer-Meenakshi Tripathi
	T7.43	A Review on Non-Technical Congestion Management Method in Deregulated Power System-Akarsh Upadhyay, Aishvarya Narain*, Aditya Singh, Santosh Kumar Singh	T7.44	Reduced Order model using Hybrid Method-Santosh Kumar Suman and Awadhesh Kumar	T7.45	Clustering Using Parallel Genetic Algorithm: A Survey-Yumna Fatma Farooqi
	T2.11	Utilization of Solar Energy for Drying of Jaggery – A Product of Sugarcane - Jaswant Singh, R D Singh and Dilip Kumar	T6.16	A Review of Automatic Speaker Recognition Using Machine Learning- Amit Kumar Chauhan, Faseeh Ahmad	T6.17	Color image De-noising using quaternion adaptive non local coupled means- Nidhi Choudhary, Siddharth Srivastava

(Day 2: February 8, 2020)

Plenary Session-2

Multipurpose Hall

(Time: 10:30 AM to 11:30 AM)

10:30 AM to 10:45 AM- Dr. Niraj Gupta, Dean & Professor, SRM University, Lucknow

10:45 AM to 11:00 AM- Dr. Gautam Bhattacharyya, Visiting Faculty, FMS, GNSU Rohtas

11:00 AM to 11:15 AM- Prof.(Dr.) Venkatesh Dutta, Asst. Prof., SES, BBAU, Lucknow

11:15 AM to 11:30 AM- Prof. (Dr.) Asita Kulshreshtha, Director, ASAS, Amity Univ., Lucknow

(Day 2: February 8, 2020)

Pre Lunch Technical Sessions

Multipurpose Hall, LT – 1 & LT – 2

(A) Technical Session –VII (Multipurpose Hall)

Technical Session –VIII (Lecture Theatre-1)

Technical Session – IX (Lecture Theatre-2)

Time: 11:40 AM to 1:40 PM	Technical Session-VII	Session Chair (Multipurpose Hall) Dr. Tanveer Hasan	Technical Session- VIII	Session Chair (Lecture Theatre-1) Dr. PoojaSrivastava	Technical Session-IX	Session Chair (Lecture Theatre-2) Dr. Sarvesh Rai
4.0 Environmental Issues / 7.0 Others	T4.1	Nanocatalysis Applications as Burgeoning Remedy for Improvement of Air Quality Index in Indian Metropolitans at Local Level: A Challenge-Shrinkhala Srivastava	T4.2	Impact of Green House Gases Emission in India: Review-Adhir Tandon and Dr. B.R. Singh	T4.3	Evaluation of the Bacteriological Contamination of River Gomti at Sultanpur (U.P.)-Shri Prakash Mishra and Anupam Pandey
	T4.4	Ecological as well as Environmental Effect of Chromite Mining in Sukinda Valley: A Paradise lost From the bounty of nature to polluted mines-Dr.Haripriya Mishra	T4.5	Effect of Vehicle Exhaust Gas Treatment under BS-6 and Its Impact on Environment- Honey Mishra	T4.6	Vehicular Pollution and Control Measures-Richa Mehrotra
	T4.7	Poor Waste Management Affecting Soil, Water Quality in Uttar Pradesh-Dr Upasana Yadav	T4.8	A Concise Review of Adverse Effect of Industrial Discharge on Environmental Health-Deepesh Singh, A.K.Gautam, and Chandra Prakash Maurya	T4.9	Earthquake Effects on Environment-An Overview-Nishtha Sahu, Osheen Gupta
	T4.10	Finding Suitable Catalyst for the reduction of carbon Dioxide-Dr. Pooja Srivastava	T4.11	Solid Waste Sorting System-Dr. Abhishek Mishra, Mr. Sushil Kumar, Poonam Gupta	T4.12	Analysis of Physico-Chemical Characteristics of Water Quality Discharged from CETP, Banthar, Unnao-Sanjeev Kumar Pandey
	T4.13	Impacts of Abiotic Environmental Factors on Secondary Metabolism of Medicinal Plants- Dr. S. Husain Asghar Kazmi, Dr. T.S. Naqvi, Dr. Amber Hasan and Dr. M.M. Abid Ali Khan	T4.14	Status review of technologies in India for the Charging of electric vehicle- Er. Kumar Shivam , A. K. Gautam , Dheeraj Kumar Verma	T4.15	Partially Replacement of Cement By Silica Fume For Environment Sustainability – A Review- Gangesh Dhar Dwivedi

T4.16	Environmental Hazards and Nosocomial Infections- Salil chaturvedi, Marisha Rai , Prachi Chaturvedi , Rachna Chaturvedi	T4.17	An Overview on Environmental Impact on Production of Secondary Metabolites of Medicinal Plants- M.M. Abid Ali Khan, S. Rais Haider and S. Husain Asghar Kazmi	T4.18	Impact of Pollution Over Life Expectancy Ratio and Water Pollution And Its Hazardous Effects to Human Health- Nishtha Upmanyu and Anjali Rai
T4.19	Effect of The Environment on The Secondary Metabolic Profile of Plants: A Model for Environmental Metabolomics of Plants- Dr. Sabiha Kazmi Dr. Amber Hasan	T4.20	Waste Liquid Treatment Technique- Shubham Kesarwani, Urooj Shameem	T4.21	Effect of Chlorotox (Organochlorine group) an insecticide on the soil micro flora - Rachna Chaturvedi
T4.22	Activated Carbon Preparation and Characterization from Typha ripholia T Plant and Removal of Arsenic from Contaminated Water Through Activated Carbon- Arti Gupta, Lalji Verma, Vinod Kumar, Shalini G Pratap and Pramod Kumar Singh	T4.23	A Study on Strategic HRM Practices and Its Impact on Environmental Sustainability- Dr. Rekha Singh	T4.24	Cause of Poor Air Quality in Delhi and How It Effect The Public Health- Gaurav kumar Ojha ,Gyanendra kumar yadav Pankaj Kumar Yadav
T7.35	An approach to predict heart disease using data mining Techniques-Mr. Javed Akhtar , Dr. D.L Gupta	T7.47	A review towards polymeric material used as corrosion inhibitor for metals- Abhishek Dwivedi, Sudhish Kumar Shukla, P.K. Bharti, Shubham Kesarwani	T7.48	Douglas Spaces of The Second Kind of Finsler Space with a Special Finsler Metric with Its Applications-Kunj Bihari Pandey
T7.49	Paddy Crop Disease Detection using GLCM Feature Extraction and SVM Technique- Fiza Hussain	T7.50	Digital Twin: A Study- Priyanka Saxena, Sonal Kumari , Ritu Singh	T7.51	Fuzzy Based Distributed Energy Efficient Clustering Protocol- Uzra Sarwar, Atma Prakash Singh, Dr. Shafeeq Ahmad
T7.52	Synthesis, vibrational, spectroscopic and quantum mechanical studies of 5-oxo-1-phenyl-4-((phenylamino)methyl)pyrrolidine-3-carboxylic acid- Poornima Devi and Abha Bishnoi	T7.53	Fixed Point Theorems for Almost Quadratic - Geraghty α Contractive Mapping in Complete Metric Spaces- A. K. Singh	T7.54	Early Detection of Alzheimer's Using Digital Image Processing Through Iridology- Anant Kumar Singh , Faseeh Ahmad
T7.55	On Almost Para Contact Metric Manifolds With SemiSymmetric Non Metric Connection- Dr. Arman Taqvi	T7.56	Plant Disease Detection Using Image Processing- Shahnaaz Khatoon, Faseeh Ahmad	T7.57	A Review on Vein Patterns Based Biometric System- Ajhrudin Ansari, Faseeh Ahmad & Siddharth Srivastava
T7.58	Microbial Production of Cellulase from Waste Substrates using Aspergillus Niger- Garima Awasthi	T7.59	Numerical Investigation of Flow Through a Multiphase Cavitating Flow in Orifice- Shashank Deo Nigam	T7.60	Discrete Component Analysis Based Feature Fusion for Multimodal Biometrics- Shweta Singh , Faseeh Ahmad
T7.62	A Suggested Modification in Coulomb's law- Sanjeev Kumar Jain	T7.63	Wheel Chair Using Arduino & Bluetooth Module- Amit Pandey ,Anoop Jaiswal,Anurag Pandey,Neetish Kumar,Shivam Pandey	T7.61	Electromagnetic properties magneto Plasmons on surface of Carbon-Nanotubes (CNTs)- Dayashanker, Arjun Mishra, Abhishek Tiwari and Utkarsh Kumar Sharma

	T7.65	The Mechanical Properties of Natural Fiber Composites, A Review : Surya Vatsal Kaushik , Mohd. Ziaulhaq	T7.66	Machine learning based approach for flood prediction- Santosh Kumar Singh , Sanjay Kumar Singh	T7.64	Analysis of Friction Factor & Coefficient of Friction Using Ring Compression Test- Saurabh Shukla, Maneesh Mishra
	T7.68	Review of Advanced Multi-Nozzle Spray System- Avanish Sharma , Harshit Pandey , Lavakush, Kabil Ansari , Aditya Kumar Pandey	T7.69	Thermodynamic Constraints for Equations of State and Thermodynamic Formulations- A. Dwivedi	T7.67	Role of Machine Learning Techniques for The Prediction of Diabetes: A Review- Sunit Kumar Mishra , Dr. Arvind Kumar Tiwari
	T7.71	NANO ZnS: Long Used Luminescent Material- Usha Shukla	T7.72	Piperine induces apoptosis in human cervical carcinoma cells through ROS dependent mitochondrial pathway and caspase-3 activation- Asif Jafri, Sudhir Kumar and Md Arshad	T7.70	Plasmon Polaritons Splitting at Low Temperature in Single Layer of Cylindrical Boron Nitride- Dayashanker, Rashmi Yadav
	T7.73	Sentimental Analysis of Twitter Data- Akriti Singh	T7.74	A Study of FINFET Circuit Design And Configuration Challenges- Mohit Kumar Mishra	T7.7	Mass Transfer in a Binary Mixture of Viscous Fluids Due to Rotationally Symmetric Flow in the Presence of an Infinite Rotating Heated Disk- Pravin Kumar Srivastava