

Track-1: Smart and Green Energy Technology-I

Venue: Room No. 23, 2AB

08-10-2018

Time: 02.00 – 04.30 PM

Chair: Prof. D. K. P. Singh

Co-Chair: Dr. Sunil Goyal

S. No.	Author's Name	Title of Paper
1	Nanda kishor Yadav, Ambika Prasad Shah and Santosh Kumar Vishvakarma	InGaAs based HEMT for Future High Performance and Low Power Circuit Design
2	Arunesh kumar Singh, Abhinav Saxena, Prashant, Arun Singh Rana	Novel Power Coefficient for extracting the maximum power in wind power based Doubly fed Induction generator(DFIG) using vector control
3	Amit Rai, Ashish Shrivastava, Kartick C. Jana, Sandeep Tripathi, , Amit Agrawal	Feasibility Analysis of 100 kW Solar Power Plant for Chandigarh, India
4	Soma Deb and H. K. Verma	Response of Monopolar HVDC System in presence of Single Double-Tuned DC Filter
5	Shashank Singh, Shiva Pujan Jaiswal, Vivek Shrivastava	Economic Viability Solar PV Power Plant in Distribution system
6	Harsh Maurya, Vivek Kumar Bohra, Nidhi Singh Pal, Vikas Singh Bhadoria	Effect of Inertia Weight of PSO on Optimal Placement of DG
7	Amit Agrawal, Ashish Shrivastava, Kartick C. Jana, Sandeep Tripathi, Amit Rai	Single Stage High Brightness LED Driver with Improved Power Quality
8	Suman Lata, H. K. Verma	Experimental Profiling of Temperature and Luminosity inside Greenhouse using Wireless Sensor Network
9	Rajesh Narayan Deo, Kalyan Chatterjee, A. Shrivastava	Single Stage Isolated Zeta Converter (SS-IZC) Circuit with Improved Power Factor for LED's Application
10	Shahroz Anzum, Amit Rai, Rajesh Narayan Deo	Policy Impact on Generation of Renewable Energy
11	Mandhir Kumar Verma, Vinod Kumar Yadav, V. Mukherjee	Objective functions of distribution network expansion planning - A comprehensive and Exhaustive review
12	Sandeep Tripathi, Dr. Ashish Srivastava, Dr. K C Jana, Amit Agarwal, Amit Rai	Robust throttle control for Hybrid Electric Vehicle
13	Arunesh kumar Singh, Abhinav Saxena, Parveen Poon Terang, Palak Tulsyan	Speed Control of DC Motor Using Chopper Based on Fuzzy Logic

Track-2: Pharma and Health Engineering

Venue: Room No. 25, 2AB

08-10-2018

Time: 02.00 – 04.30 PM

Chair: Dr. Ashish Kumar

Co-Chair: Dr. Mousumi Debnath

S. No.	Author's Name	Title of Paper
1	Chhaya Dalela, Aadarsh Goel	Disease Detection with the Help of Modified Clinical Decision Support System (CDSS)
2	Amar Michael Sequeira, Clarita Shynal Martis, Chandan Kumar Shanbhag	Design and Implementation of Drug Identification Smart System Using Voice Assistance
3	Dr. Amjan Shaik, Niladri Sekhar Dey, Dr. K. Purnachand, Dr. Ch. Madhu Babu	An Analytical Study on Health Care Mining Frameworks: A Survey
4	Girish Pai Kulyadi, Divya Dhatri Kara	Comparison of tablet quality prepared by using granulation technique and by using DC grade excipient
5	Vamshi Krishna Tippavajhala, Shaik Naaz, Srinivas Mutalik	Development of hot melt extrusion technology for the solubility enhancement of poorly aqueous drug
6	Sumit V. Dubey, Santosh B. Rane	Comparative Study of Structural and Sheet metal Combination Bracket on Elevator Rail System
7	Akshat Srivastava, Chitwan Gautam, Ninaad Bhan, Ram Dayal	Quantitative analysis of vibrations in moving bed 3d printers
8	Monica Lamba, Himanshu Chaudhary, Kulwant Singh	Analytical study of MEMS/NEMS Force Sensor for Microbotics Applications
9	Pranhita Nimbalkar, Manisha A. Khedkar, Prakash V. Chavan, Sandip B. Bankar	A state-of-the-art strategy for improved biobutanol production by Clostridium acetobutylicum NRRL B-527
10	Dr. Amjan Shaik, Niladri Sekhar Dey, Dr. K. Purna Chand	Sentiment Extraction and Analysis using Machine Learning Tools-Survey
11	Nitesh Pradhan, Vijaypal Singh Dhaka, Himanshu Chaudhary	Classification of Human Bones Using Deep Convolutional Neural Network

Track-3: Allied Engineering and Device Technology-I

Venue: Room No. 28, 2AB

08-10-2018

Time: 02.00 – 04.30 PM

Chair: Prof. Sandeep Senger

Co-Chair: Prof. Manish Tiwari

S. No.	Author's Name	Title of Paper
1	Rajvardhan Jigyasu, Shivi Varshney, Lini Mathew, Amandeep Sharma	Review of various Artificial Intelligence Techniques and its applications
2	Narbada Prasad Gupta, Mithilesh Kumar, Ranjan Maheshwari	Development and performance analysis of conformal UWB wearable antenna under various bending angles
3	Abhijith Anilkumar, Dr. Santosh Rane	Bio Printing
4	G. Rajendra Prasad, Nidadanuri Aruna, Dr. S. Chakradhara goud	Experimental and Simulation Analysis of Piston Coated with Approach of Composite Material
5	Uendra Kulshrestha, Subrata Bandhu Ghosh, Niti Nipun Sharma	Structural and Mechanical Characteristics of latex assisted Thermally Exfoliated Graphene Oxide reinforced elastomeric nanocomposites
6	V. Tirupathi, Dr. K. Sagar	Controlling Air Conditioner by sending secure messages using MQTT protocol and Mosquitto server
7	Abhilasha Sharma, Swapnil Manglorkar, Devansh Verma, Dr. Santosh B Rane	Optimization of Organic Waste Collection for generation of Bio-Gas Using IOT Techniques.
8	Pramod Kumar P, Dr. Sagar K.	A Relative Survey on Handover Techniques in Mobility Management
9	Sandeep Kr. Singh, Himanshu Parashar, Tripurari Sharan, Arvind Kr. Singh	A Compact Multiband Rectangular Microstrip Antenna for UWB Applications
10	Dr. Amjan Shaik, Niladri Sekhar Dey, Dr. Ch. Madhu Babu, Niladri Sekhar Dey, Dr. K. Purnachand	Identification of Software Defects based on Software Matrix using Pre-Processing Automation for Neural Network Based Techniques
11	Rahul Verma	Dual Arm Robotics Platform(DARP): A reprogrammable robotics platform – a dire need of consumer robotics

Track-1: Smart and Green Energy Technology-I

Venue: Room No. 23, 2AB

09-10-2018

Time: 11.15 – 01.00 PM

Chair: Prof. D. Symbhariya

Co-Chair: Dr. Amit Saraswat

S. No.	Author's Name	Title of Paper
1	Parveen Poon Terang, Abhinav Saxena, Apar Agarwal, Aprajita	SCADA and Its Application in Power Generation and Distribution System
2	Ashish Kumar, Jitesh Agarwal, Ashok Sharma, Vipul Singh, Ajay Agarwal	Structural and Optical Properties of Si Nanostructures
3	Pramod Kumar, Ashish Shrivastava	Analysis and Design of Solar Photovoltaic Systems and its applications by using different MPPT Techniques
4	Pancham Kumar, Amit Soni, Jagrati Sahariya	Cost Benefit Modeling of AB ₂ X ₄ (A= Cd; B= Ga; X= S, Se) Solar Photovoltaic (PV) Materials
5	Mona Sharma, Smita Pareek, Kulwant Singh	Comparative Study of Configuration Techniques to Address the Effect of Partial Shading on Solar PV Systems
6	Abhinav Saxena Parveen Poon Terang, Vasu Garg, Shreya Srivastava, Anurag Singh	Photovoltaic Applications through multi-level Cascading of DC/DC Converters
7	Bhuwan Pratap Singh, sunilkumar goyal, Shahbaz Ahmed Siddiqui	Grid Connected-Photovoltaic System (GC-PVS): Issues and Challenges
8	Avanish Gautam Singh, B. ravi subrahmanyam	Hybrid human powered power generating unit by using multiple transducers.
9	B. Ravi Subrahmanyam, A. Ambikapathy	Automatic Moving Floor for Smart Rooms
10	S. Ananthi , Himanshu Chaudhary, Kulwant Singh	Design of Read Circuitry for Nonlinear Smart Sensors

Track-2: Automobile and Smart Manufacturing Industry

Venue: Room No. 25, 2AB

09-10-2018

Time: 11.15 – 01.00 PM

Chair: Dr. Manoj Kumar

Co-Chair: Dr. Ajay Kumar

S. No.	Author's Name	Title of Paper
1	Nitin C. M., Santosh Patil	A retrofit design of safety and stability mechanism for two wheelers
2	Kanwar Pal, Arvind Kumar, Deo Raj Kaushal	Experimental investigation on effects of chemical additives on rheological behavior of fine particle bottom ash slurry
3	Nandish B., Muthanna. K. P, Kaveriappa M. B., Biddappa P. S.	Neodymium Magnetic shock Absorber for Two Wheelers Automobiles
4	Shekhar Gehlaut, Tarun Varshney, S. K. Bansal	Simulation and Experimental Studies of MPC for Level Control of Modified Quadruple Tank System
5	Ravi Shankar Ramana, Priyanshi Tripathi, Yash Saxena, Prithvi Sisodia	A Review on Implementation of Six Sigma Techniques in Manufacturing Industries and Benefits Derived
6	Jagannath Hirkude	Experimental analysis of the influence of antioxidant on performance and emissions of CI engine fueled with waste fried oil methyl ester
7	Chodi Bharathi, Velagada Bhanu	Design and Analysis of Petrol Engine Piston Pin
8	M. P. Akhtar, Nayan Sharma, C. S. P. Ojha	Mathematical model development of modified flow dispersion stress tensor in 2-D curvilinear flow domain

Track-3: Big Data Analysis and IoT

Venue: Room No. 23, 2AB

09-10-2018

Time: 02.00 – 04.00 PM

Chair: Prof. Alok Aggarawal

Co-Chair: Dr. Pankaj Vyas

S. No.	Author's Name	Title of Paper
1	Dr. Ramananda D, Amar Michael Sequeira, Sagar R Raikar, Chandan Kumar Shanbhag	Design and Implementation of LiFi Communication System
2	Anushka Sinha, Curie Gupta, Vedaanti Baliga, Prabhas K Yadav, Vineeta Soni	Smart Crop Management System (SCMS) using Raspberry-PI
3	Parveen P. Terang, Abhinav Saxena, Akshay kumar, Anshuman	Advancement In Energy Meter Reading
4	Adarsh Kumar, Alok Aggarwal, Neelu Jyoti Ahuja, Neeraj Chugh, Himanshu Chaudhary	An Improved Outlier Detection Mechanism for Hierarchical Key Management in Hierarchical Mobile Ad-hoc Networks (MANETs)
5	Krishan Kumar Goyal, Rinki Singh, Pushpneel Verma, Arunesh Kumar Singh, Abhinav saxena	Hybrid approach for Digital Watermarking using Intelligent System and Discrete Wavelet Transform(DWT)
6	A. K. Malik, Priya Mathur, Satish Kumar	An Inventory Model with Variable Demand for Non-Instantaneous Deteriorating products under the permissible delay in payments
7	Manoj Kumar Sharma, Vijay Pal Singh Dhaka	A Survey on Multilingual Script Identification
8	Adarsh Kumar, Alok Aggarwal, Neelu Jyoti Ahuja, Neeraj Chugh, Himanshu Chaudhary	A Survey on Emerging Cyber Threat Intelligence Platforms
9	Manoj Kumar Sharma, Priyanka Takkar, Vishal Vaibhav N	A Survey on Word Recognition for Devanagari Scripts
10	A. K. Malik, Priya Mathur, Satish Kumar	Analysis of an inventory model with both the time dependent holding and sales revenue cost

Track-4: Allied Engineering and Device Technology-II

Venue: Room No. 25, 2AB

09-10-2018

Time: 02.00 – 04.00 PM

Chair: Prof. P. Alvi

Co-Chair: Dr. Amit Rathi

S. No.	Author's Name	Title of Paper
1	Mohammad Imran Khan	Gain characteristics of InGaAsN quantum well heterostructures with GaAs and InP substrates
2	Samridhi, Manish Kumar, Kulwant Singh, P. A. Alvi	Finite Element Analysis of Circular Silicon Diaphragm
3	J. P. Vijay, Kulwant Singh, Amit Kumar Rathi, Praveen Kumar Jain	Current and future aspects of ZnO based core-shell heterostructures for optoelectronics devices
4	A. M. Khan, Garima Bhardwaj, M. Abu-Samak, S. H. Saeed, P. A. Alvi	Simulating 1.55 μm Optical Gain in Type-II InAlAs/InGaAs/GaAsSb Nanoscale Heterostructure
5	Mayuri Sharma	Effect of Fe doping on Magnetic Behaviour of SnO ₂ nanoparticles for spintronics based application
6	Mr. Manoj Kumar, Vijay Kumar Lamba	Bandstructure Effects in the Electronic Transport of Silicon Nanowire FET in [100] and [110] Transport Orientations
7	Shwetank Yadav, Garima Tiwari	A Quad Band Polarization Independent Ultrathin Metamaterial Absorber
8	Nitin Kumar	Development of Safe sSBR Based Green Compounds with LPCA and HPCA
9	Meetu Nag, Ajay Kumar, Bhanu Pratap, Kulwant Singh	Optimization of Process Parameters of Graphene based Piezo resistive Pressure Sensor using Design of Experiment
10	Satyanarayan Agarwal, Kulwant Singh, Ashish Srivastava	Graphene as Emerging Material for High Speed Energy Storages Devices
11	A. Vijayalakshmi	Crowd sourcing in Academics: Benefits and Challenges
12	Dr. Bajarang Prasad Mishra	Active Noise Control
13	Pradeep B, Balasubramani R	Generic IoT Platform for Analytics