

# International Conference on Advances in Computational Technologies in Science and Engineering (ACTSE-2021)

## Track 1: Computer Science & Information Technology

S.No	Submission	Authors	Paper Title	Track
1	Submission 17	Mohd Arif and Dr. Deepshikha Agarwal	Building ERP Software using Oracle APEX 19.1 Web and Mobile Application	CS & IT
2	Submission 20	Saumitra Vatsal and Shalini Agarwal	Safeguarding Cyber-Security And Energy Efficiency Solutions For Environmental Sustainability Through Green Energy Paradigm – Li-Fi	CS & IT
3	Submission 32	Somya Kumari and Som Pal Gangwar	Detection of Epilepsy through EEG Wave Patterns using Artificial Neural Network	CS & IT
4	Submission 60	Pritee Yadav and Muzammil Hasan	A Review: Issues and Challenges in Various Fake News Detection Mechanism	CS & IT
5	Submission 73	Sumanta Kuila, Namrata Dhanda and Subhankar Joardar	Methods based on SVM for the classification of ECG Arrhythmia	CS & IT
6	Submission 91	Avani Kesarwani and Ashutosh Singh	A Survey of Community Detection Techniques in Social Network	CS & IT
7	Submission 74	Syed Wajahat Abbas Rizvi	Facial Emotion Recognition through Deep Learning and Convolutional Neural Networks	CS & IT
8	Submission 30	Arpita Singh, Sanjay K. Singh, Nilu Singh, Sandeep k. Nayak and Arun Kumar Singh	An Optimistic Approach for Crime Detection and Digital Forensic	CS & IT
9	Submission 35	Abhivandhan, Abhivardhan and Ritu Agarwal	AI Ethics in a Multicultural India: Ethnocentric or Perplexed? Analysis of the Socio-cultural Elements of the Democracy	CS & IT

## Track 2: Poster Presentation

TIMINGS: 1:00 PM TO 5:00 PM ( 19-March-2021)

S.No.	Name(s)	Poster Title	Time Slot
		Welcome of Guest	1:00 - 1:05
1	Dr. Deepshikha Agarwal	APPLICATION OF IOT IN AUTONOMOUS ACCIDENT DETECTION SYSTEM	1:05 - 1:10
2	Osho Raman	VAN DER WAALS HETEROSTRUCTURES FOR FIELD EFFECT TRANSISTORS	1:10 - 1:15
3	Ayushi Singh	THE EVOLUTION OF THE G's	1:15 - 1:20
4	Krishan Kant	DESIGN AND EVALUATION OF PROTEIN BINDING OF GIVEN DRUG OF TINIDAZOLE	1:20 - 1:25
5	Adiba Khan	INTERNET OF THINGS IN MEDICAL, HEALTHCARE AND ENVIRONMENTAL FIELDS AND ITS FUTURE AHEAD	1:25 - 1:30
6	Shreya Bharti	Electromagnetic Braking System	1:30 - 1:35
7	Srishti Saxena	SD-WAN TECHNOLOGY	1:35 - 1:40
8	Sanatan Dixit	5G TECHNOLOGY	1:40 - 1:45
9	Anant Jaiswal	SURVEILLANCE ROBOT	1:45 - 1:50
10	Rishab Shukla	LANGUAGE TRANSLATOR FOR SPEECH IMPAIRED	1:50 - 1:55

11	Abhishek Vaibhav	QUANTUM RADAR TECHNOLOGY	1:55 - 2:00
12	Seema	IOT BASED SMART PARKING SYSTEM	2:00 - 2:05
13	Saloni Agrawal	INTERNET OF THINGS IN SMART GRID	2:05 - 2:10
14	Satyam Yadav	EVOLUTION OF WIRELESS COMMUNICATION	2:10 - 2:15
15	Harneet Narula	SOLAR PANEL TECHNOLOGY	2:15- 2:20
16	Prerna Rohatgi	SECURITY FEATURES IN INTERNET OF THINGS	2:20 - 2:25
17	Apurva	DIGITAL MARKETING	2:25 - 2:30
18	Akhil Bhargav	RADAR SYSTEM	2:30 - 2:35
19	Anukriti Singh	UTILITY OF BIG DATA IN ESTABLISHMENT OF SECURE HEALTHCARE SYSTEMS	2:35 - 2:40
20	Neha Sharma	COMPUTATIONAL STUDY FOR REPURPOSING OF NEUROLOGICAL DRUGS FOR AUTISM SPECTRUM DISORDER	2:40 - 2:45
21	Prateek Verma	EXPLORING DIFFERENT DIMENSIONS OF PYTHON	2:45 - 2:50
22	Shivangi Singh	DNS Security System using Moderate Algorithm	2:50 - 2:55
23	Cheshta Gupta	WEB DEVELOPMENT USING HTML AND JAVASCRIPT	2:55 - 3:00
24	Saurabh Shukla	EARTHQUAKE PROOF BUILDING AND TABLE	3:00 - 3:05
25	Vikhyat Mehra	SOLAR INVERTER	3:05 - 3:10
26	Shourya Kulshreshtha	TEXT ENCRYPTION	3:10 - 3:15
27	Anup M Upadhyaya	ULTRASENSITIVE OPTICAL SENSOR DESIGN FOR DIAGNOSTIC OF SEXUALLY TRANSMITTED INFECTIONS AT THE POINT OF CARE	3:15 - 3:20
28	Ravi Mishra	POWER THEFT PREVENTION	3:20 - 3:25
29	Urvi Dadu	SMART SENSING STREET LIGHT	3:25 - 3:30
30	Shambhvee Singh	META-MATERIALS	3:30 - 3:35
31	Shashwat Srivastava	CONSERVATION OF ENERGY BY USING THE METHOD OF REGENERATIVE BRAKING	3:35 - 3:40
32	Gulpreet Kaur Walia	AI ASSISTED POWER OPTIMIZATION FOR POWER STATIONS	3:40 - 3:45
33	Shruti Tripathi	SECURITY ENHANCEMENT IN FANET VIA MULTIMODAL BIOMETRIC AUTHORIZATION	3:50 - 3:55
34	Vernica Verma	INFLUENCE OF WO <sub>3</sub> DOPING ON STRUCTURAL, MORPHOLOGICAL AND HUMIDITY SENSING BEHAVIOUR OF ZNO	3:55 - 4:00
35	Shagun Tandon	SELF HEALING NANO-MATERIALS	4:00 - 4:05
36	Shubhangi Mehrotra	COMPARISON OF DIAGNOSIS OF HYPOTHYROIDISM BY DETECTION OF ANOMALY IN HORMONAL BEHAVIOR USING CLINICAL DATA WITH DIFFERENT ARTIFICIAL INTELLIGENCE METHODS	4:05 - 4:10

37	Dr. Smriti Khare	ROLE OF CHEMISTRY IN COMPUTER AIDED DRUG DISCOVERY	4:15 - 4:20
38	Shreya Pandey	ROLE OF POLYMERS AND BIOPOLYMERS IN THE FIELD OF MEDICAL SCIENCES	4:10 - 4:15
39	Anushika Agarwal	REVIEW ON LOAN PREDICTION MODEL USING ML ALGORITHMS	4:20 - 4:25
40	Sarvesh Soni	HANDWRITTEN DIGIT CLASSIFICATION TECHNIQUES USING MACHINE LEARNING	4:25 - 4:30
41	Ankush Verma	THE COMPARATIVE ANALYSIS OF IMAGE SEGMENTATION USING SOFT COMPUTING METHODS	4:30 - 4:35
42	Dr. Pooja Khanna	AI BASED DIAGNOSIS SYSTEM FOR DEMENTIA	4:35 - 4:40
43	Ruchi Jha	CHIPPERLIFE- A LIFESTYLE TRACKING FITNESS ANDROID APPLICATION	4:40 - 4:45
44	Nitin Mohan	PERFORMANCE ANALYSIS OF METAMATERIALS FOR LOW OBSERVABLES APPLICATIONS	4:45 - 4:50
45	Priya Gupta	EFFECT OF SYNTHESIS ROUTE ON THE STRUCTURAL, MORPHOLOGICAL AND HUMIDITY SENSING CHARACTERISTICS OF NANOSTRUCTURED NIO	4:50 - 4:55
46	Ajay Kumar Singh	MULTIPLE USES OF ONE DIMENSIONAL PHOTONIC CRYSTALS AS SENSORS	4:55 - 5:00

### Track 3: Electrical, Electronics and Communication Engineering

S.No	Submission	Authors	Paper Title	Track
1	Submission 21	Sandeshwari Yadav and Som Pal Gangwar	Comparative Analysis of OFDM System Using Different Modulation Techniques	ECE & EEE
2	Submission 24	Dr. Deepshikha Agarwal, Prof. Dr. L.C. Agarwal and Dr. Mrs. Anjani Agarwal	A review on applications of WSN in Smart Grid Technologies particular to Wind Farm	ECE & EEE
3	Submission 31	Suhani Sengar and Satish Kumar	Comparative Study on Range-Based and Range-Free Localization Techniques in Wireless Sensor Networks	ECE & EEE
4	Submission 47	Kalpana Saha Roy and Raktim Mukhopadhyay	Study of Reinforcement Learning based Call Admission Control (CAC) Protocol in Wireless/Cellular Networks	ECE & EEE
5	Submission 50	Anirudh Sivakumar, Pratik Mohanty and Pramod Antony	Electronics System Design of a Formula Student Electric Car	ECE & EEE
6	Submission 57	Samad Khan, Diksha Singh, Sakshi Rai, Rafik Ahmad and Dr. Bhavesh Kumar Chauhan	A Survey on Power Quality issues of Distributed Generation Integrated Systems	ECE & EEE

7	Submission 66	Khadim Moin Siddiqui, Vinay Kumar, Rekhaditya Pal and Ruby Verma	Performance Analysis of Variable Speed Induction Motor by Modulation Techniques	ECE & EEE
8	Submission 69	Khadim Moin Siddiqui, Amit Dubey, Aman Alam Ansari and Rajan Yadav	Demagnetization Detection of PMSM Motor by Signal Processing Technique	ECE & EEE
9	Submission 15	Kamlesh Kumar Singh and Nilesh Yadav	A Study on Multi Gate Mosfet	ECE & EEE
10	Submission 00	Keertesh Mishra	FPGA Assisted Layer structured Customer Authorization Employing Biometric Data for Secured Communication	ECE & EEE
11	Submission 46	Pankhuri Kishore, Stuti Shukla Datta and Dr.Seethalekshmi K	Statistical Evaluation of Genetic Algorithm Based Solution to State Estimation Problem in Power System	ECE & EEE
12	Submission 41	Amita Asthana, Dr. Anil Kumar, Dr. Preeta Sharan and Dr. Sumita Mishra	Design of Multicast Cross Bar Switch Elements Using Quantum Dot Cellular Automata	ECE & EEE
13	Submission 43	Deshdeepak Tewari, Garima Misra and U.D. Misra	High energy satellites accompanying $L\alpha_{1,2}$ diagram line in X-ray spectra for $38 \geq Z \geq 31$	ECE & EEE

### Track 4: Design Engineering and Applied Science

S.No	Submission	Authors	Paper Title	Track
1	Submission 36	Saumil Desai, Ankur Pandya and Mitesh Panchal	Effect of length variation on vibration characteristics of boron nitride nano-ribbon resonator	DE & AS
2	Submission 44	Fahad Khan, Atiya Fatima Usmani, Humera Parveen, Md. Taslim Arif, Seerat, Jubin Mitra and Shuaib Ahmad Khan	An analysis on the selection criteria of FPGAs for the development of high speed computing systems at the High Energy Physics experiments	DE & AS
3	Submission 49	Rishabh Mahure, Isha Chandra, Bhawna Sahay and Shipra Bhatia	Study on Blended Natural Sand with Iron Slag in Concrete	DE & AS
4	Submission 54	Abhishek Mishra, Faheem Ahmad Khan and Devesh Ojha	A Review on Seismic Analysis of Base Isolated Regular and Irregular Multistorey Buildings	DE & AS
5	Submission 59	Naman Jain, Keshav Aggarwal, Gaurav Kumar, Raj Kumar Singh and Mrityunjay Kumar Singh	Numerical simulation of micro-channel heat sink using $Al_2O_3$ -water and $TiO_2$ -water nanofluids	DE & AS
6	Submission 201	Jyoti Tiwari and Jaya Pandey	Synthetic methods and Catalytic Reduction of Chromenes with their Docking studies using computational methods	DE & AS
7	Submission 42	M.A. Murtaza, Sumit Krishnan and Ashwani Sharma	Computer Aided Analysis of an Aircraft Wing	DE & AS
8	Submission 12	Dev Raj Joshi, Piyush Kumar Tripathi and Ashutosh Mishra	Common Fixed Point for a Pair of Cyclic Mappings in Complete Metric Spaces	DE & AS
9	Submission 108	Arohi Jaina, Upasana Yadavb	Status of Groundwater Pollution in Uttar Pradesh: A Review	DE & AS
10	Submission 37	Seda Eroğlu, Ayşe Yeter Günel and Mustafa Günel	Investigating the Climate Change in Van Lake Basin of Turkey by Trend Analysis Techniques	DE & AS
11	Submission 13	Gul Rahim Akhtar, Dr. Ayşe Yeter Günel and Prof. Dr. Mustafa Günel	Rigid Pavement Design Methods	DE & AS
12	Submission 14	Ahmed Abdullah and Ayse Gunal	Investigation of Concrete Slab Crack When Placed Directly on Clay	DE & AS
13	Submission 18	Mustafa Gunal, Ilham Khateeb and Ayse Yeter Gunal	Assessment of Groundwater Quality in Idleb City Using GIS	DE & AS