

# **IEEE International Conference on Issues and Challenges in Intelligent Computing Techniques (ICICT 2019)**

September 27-28, 2019

**IEEE Conference Record#46931**

## **Final Schedule**

1. Registration: 9:30- 10:30 AM
2. High Tea: 10:00-10:30 AM
3. Inaugural Session: 11:00- 12:20 PM
4. Technical Session by Dr. Deepak Garg: 12:20-12:50 PM
5. Technical Session by Dr. Grace Eden: 12:50- 1:20 PM
6. Lunch: 1:20 PM to 1:45
7. Technical Sessions: 1:45-4:30 PM

## TECHNICAL SESSIONS

<b>Technical Session-1</b>		
<b>Advances in High performance Computing, Artificial Intelligence</b>		
Session Chair	Dr. Arun Sharma	
Session Co-Chair	Dr. Sanjeev Kumar	9411808080,sanjeev.yadav@kiet.edu
Session Coordinator	Prof. Parita Jain	7838910818, parita.jain@kiet.edu
Date	27 <sup>th</sup> September 2019	
Time	1:45 PM - 4:30 PM	
Venue	E 508	
Total Papers	17	

<b>S.no</b>	<b>Paper Id</b>	<b>Title of the Paper (Session-1)</b>	<b>Author</b>
1	26	A Literature Review on H $\infty$ Neural Network Adaptive Control	Parul Kashyap
2	46	Realization of Game Tree Search Algorithms on FPGA: A Comparative Study	Satvik Maurya
3	52	Comparison of customer churn prediction in Telecom Industry using FURIA, C4.5 , Random forest and Naive Bayes	Dayana Thomas
4	83	Performance Analysis of travelling salesman problem using artificial fish swarm algorithm	P. Karthikeyan
5	118	Fuzzy Ant Colony Optimization Based Energy Efficient Routing For Mixed Wireless Sensor Network	Praveen Kumar
6	203	Leukemia Diagnosis using Computational Intelligence	Suneeta Chand
7	206	A SMART SYSTEM FOR FAKE NEWS DETECTION USING MACHINE LEARNING	Anjali Jain
8	211	ARTIFICIAL NEURAL NETWORK	Neha Kumari
9	215	Multi Robot Path Planning Parameter Analysis Based on Particle Swarm Optimization (PSO) in an Intricate Unknown Environments	Shubham Shukla
10	158	Fuzzy Models for Water Quality Assessment	Laxmi Verma Arya
11	193	Air Quality Prediction using Supervised Regression Model	Khushi Maheshwari
12	109	A Review to classify Neurological Disorder of brain MRI image using Different Classification Techniques	Vaishali Tyagi
13	66	Analysis of MORTO: Multi-objective Regression test optimization	Neha Gupta
14	191	RECOMMENDER SYSTEMS –THE LIFELINE OF THE CURRENT STREAMING ZEITGEIST	Gautham Sathish Nambissam
15	167	Mathematical Analysis of oxygen Transport in the Retina	Deepti Seth
16	181	Secret Key Agreement Schemes in IOT Based Wireless Body Area Network	Manoj Kumar
17	121	MODIFIED KDF & ERLS REGRESSING FILTER BASED SATELLITE IMAGE RESTORATION METHOD	Rajni Burman

<b>Technical Session-2</b>		
<b>Advances in Machine Learning, Deep Learning and Data Science</b>		
Session Chair	Dr. SAM Rizvi	
Session Co-Chair	Dr. Pramod Yadav	9411407432, <a href="mailto:pramod.yadav@kiet.edu">pramod.yadav@kiet.edu</a>
Session Coordinator	Prof. Neha Shukla	9999696894, <a href="mailto:neha.shukla@kiet.edu">neha.shukla@kiet.edu</a>
Date	27 <sup>th</sup> September 2019	
Time	1:45 PM – 4:30 PM	
Venue	E 401	
Total Papers	15	

<b>S.no</b>	<b>Paper ID</b>	<b>Title of the Paper (Session-2)</b>	<b>Author Name</b>
1	38	Overview of Neural Machine Translation for English-Hindi	Sashi Pal Singh
2	39	Network Intrusion Detection: A comparative study using state-of-the-art machine learning methods	Mahima Rai
3	44	A Survey on Railway Assets: A Potential Domain for Big Data	Yogita Jain
4	61	User Feedback based Recommendation Engine using Neural Network	Somsankar Mookherji
5	70	Analysis of Various Classification Methods	Vidhushi
6	73	Classification of Skin Lesions by using Extended Incremental Convolutional Neural Network	Ankit Prashant Chopde
7	78	PNNCP- Parallel Nearest Neighbor Classification and Prediction Approach to Improve the Performance of Big Data Application	Anil Kumar Vishwanath
8	84	A Comparative Study of CNN and AlexNet for Detection of Disease in Potato and Mango leaf.	Sunayana Arya
9	87	Comparative Analysis Of Resampling Techniques Under Noisy Imbalanced Datasets	Arjun Puri
10	100	Two Hand Indian Sign Language dataset for benchmarking classification models of Machine Learning	Abhishek Sharma
11	108	TO Detect Normal and Abnormal Neurological Disorder OF Brain MRI Image In Human using Convolutional Neural Network	Vaishali Tyagi
12	115	Computer vision based method for identification of freshness in mushrooms	Abhishek Anil
13	126	Exploration of Deep Learning Techniques in Big Data Analytics	Poonam Rana
14	168	APHONIC'S VOICE A HAND GESTURE BASED APPROACH TO CONVERT SIGN LANGUAGE TO SPEECH	Surendra Kumar Keshari
15	214	Surface Corrosion Grade Classification Using Convolution Neural Network	Sanjay Kumar Ahuja

<b>Technical Session-3</b>		
<b>Information and Cyber Security</b>		
Session Chair	Dr. V P Vishwakarma	
Session Co-Chair	Dr. Akash Rajak	9873718407, <a href="mailto:akash.rajak@kiet.edu">akash.rajak@kiet.edu</a>
Session Coordinator	Prof. Shalika	8813951388, <a href="mailto:shalika@kiet.edu">shalika@kiet.edu</a>
Date	27 <sup>th</sup> September 2019	
Time	1:45 PM – 4:30 PM	
Venue	E 209	
Total Papers	15	

<b>S.no</b>	<b>Paper ID</b>	<b>Title of the Paper( Session-3)</b>	<b>Author Name</b>
1	27	Light Weighted Mutual Authentication and Dynamic Key Encryption for IoT Devices Applications	Anuj Sachan
2	101	Enhanced key establishment technique for secure data access in cloud	Vidhisha Reddy
3	164	Business Service Management Using Block chain	Apporva Jain
4	176	credit card fraud detection: A comparative study	Dr. Sanjeev Kumar
5	186	Human Injectable Chip: A novel approach for secure data transmission in media	Mohini Chauhan
6	180	Taxonomy & Analysis of Cloud Computing Vulnerabilities through Attack Vector, CVSS and Complexity Parameter	Narendra Mishra
7	48	A Review on Data Flow Risk based on IoT	Anku Sharma
8	190	Web based Accounting Integrated Management System (AIMS) over Cloud using Mean Stack	Akhil Kulshrestha
9	170	A Survey of Multi-objective based clustering techniques for solving real life problems	Pooja Gupta
10	210	Novel Ranking Approach Using Pattern Recognition for Ontology in Semantic Search Engine	Neera Chaudhary
11	65	Acquiring and Analyzing Movement Detection through Image Granulation for Wildlife Management	Neelam Rawat
12	192	Effect of Iterative Variations on Despeckling Filters in Ultrasound Imaging	Deboshree Seal
13	187	Anonymised searches and their tracing	Mohini Chauhan
14	132	Traffic Characteristics of Broadband Networks: Impact on Scalability	Ashish Bajpai
15	185	A NOVEL APPROACH WEB SERVICES BASED LONG TAIL WEB SERVICES USING DEEP NEURAL NETWORK	Meenakshi Sharma

<b>Technical Session-4</b>		
<b>Network and Data Management</b>		
Session Chair	Dr. Syed Zeeshan Hussain	
Session Co-Chair	Dr. Dilkeshwar Pandey	9811410032, <a href="mailto:dilkeshwar.pandey@kiet.edu">dilkeshwar.pandey@kiet.edu</a>
Session Coordinator	Prof. Mukul Aggarwal	9899260385, <a href="mailto:mukul.aggarwal@kiet.edu">mukul.aggarwal@kiet.edu</a>
Date	28 <sup>th</sup> September 2019	
Time	11:00 AM – 2:00 PM	
Venue	E 508	
Total Papers	17	



<b>S.no</b>	<b>PaperID</b>	<b>Title of the Paper (Session-4)</b>	<b>Author</b>
1	9	Microcontroller Based Parametric Data Monitoring and Quality Analysis of Milk	Fajr
2	30	Student Activity Based Performance Analysis of Online Course	Anshu Singh
3	219	Utility of Process Prioritization for Agile Software Testing using Analytical Hierarchical Process	RajBala Singh
4	178	E-assessments and Feedback Mechanisms in Moocs	Neha Shukla
5	56	Extractive Approach For Query Based Text Summarization	Sai Susmitha K
6	74	A Survey on Quantum Key Distribution	Abhishek Sharma
7	82	Implementation and Reliability Analysis of LEACH and SIMPLE protocols in WBAN for Health Monitoring of Canine	Monika Kaushik
8	92	A Multi-Gait Dataset for Human Recognition under Occlusion Scenario	Jasvinder Pal Singh
9	103	Data Processing in IoT, Sensor to Cloud: Survey	Sandeep Mahanthappa
10	116	PRIORITIZING FACTORS USED IN DESIGNING OF TEST CASES: AN ISM – MICMAC BASED ANALYSIS	Parita Jain
11	129	Energy Analysis of University Department Building Using eQUEST Software	Naman Garg
12	130	Improved matrix based Key Management Scheme for Wireless Sensor Network security	Rishabh Kamal
13	142	IOT Based Smart Polyhouse System using Data Analysis	Meenakshi
14	159	HANDLING STRUCTURED DATA USING DATA MINING CLUSTERING TECHNIQUES	Seema Maitrey
15	166	DEVOPS, A NEW APPROACH TO CLOUD DEVELOPMENT & TESTING	Prashant Agrawal
16	216	Comparative Study of Big Data Frameworks	Hriday Gupta
17	120	PATIENT WAITING TIME PREDICTION IN HOSPITAL QUEUING SYSTEM USING IMPROVED RANDOM FOREST IN BIG DATA	Prashant Bajirao Patil

<b>Technical Session-5</b>		
<b>Image Processing and Multimedia</b>		
Session Chair	Dr. Sanjay Kumar Dhurandher	
Session Co-Chair	Dr. Ajay Agarwal	9917083437, <a href="mailto:ajay.agarwal@kiet.edu">ajay.agarwal@kiet.edu</a>
Session Coordinator	Prof. Naveen Chauhan	8126070820, <a href="mailto:Naveen.chauhan@kiet.edu">Naveen.chauhan@kiet.edu</a>
Date	28 <sup>th</sup> September 2019	
Time	11:00 AM- 2:00 PM	
Venue	E 401	
Total Papers	17	

<b>S.no</b>	<b>Paper ID</b>	<b>Title of the Paper (Session-5)</b>	<b>Author</b>
1	85	Image Encryption using Unified chaotic map and Fibonacci p – code Traversing	Anandkumar R
2	106	A Decade on Script Identification from Natural Images/Videos: A Review	Shilpa Mahajan
3	20	A FRAMEWORK FOR TRANSITIONING OF TRADITIONAL SOFTWARE DEVELOPMENT METHOD TO DISTRIBUTED AGILE SOFTWARE DEVELOPMENT	Madan Singh
4	122	Classification in Thermograms for Breast Cancer Detection using Texture Features with Feature Selection Method and Ensemble Classifier	Asim Ali Khan
5	160	Hiding Text In Color Image Using YcbCr Color Model: An Image Steganography approach	Deepak Kumar
6	175	Face Recognition System	Ritin Behl
7	143	Comparison Of COSYSMO Model With Different Software Cost Estimation Techniques	Neha Yadav
8	209	Automation of use case transaction methods interms of human understanding	Mahima Sharma
9	128	An Improved Segmentation Algorithm for Detecting Defects on Fruit Surface	Mohit Kumar
10	32	Piggy ATM: A Meticulously crafted Interface to 1 Instill Money Management skill in Children	Smridhi Arya
11	107	Classification Techniques Used in Sentiment Analysis & Prediction of Heart Disease using Data Mining Techniques: Review	Himanshu Bansal
12	220	Research and Analysis of Technologies used in Big Data	Manish Bhardwaj
13	189	Security Attacks, Requirements and Authentication Schemes in VANET	Amit Kumar Goyal
14	91	Identifying Parking Lots from Satellite Images using Transfer Learning	Shushant Kumar
15	88	Defect Segmentation in Surfaces using Deep Learning	Somit Mittal
16	148	Big Data Computing and Clouds: An Emerging Perspective and Future Trends	Pramod Kumar yadav
17	37	A Decentralized Way to Store and Authenticate Educational Documents on Private Block chain	Ajay Shrivastava

<b>Technical Session-6</b>		
<b>Interdisciplinary Research Domain</b>		
Session Chair	Prof (Dr) C P Agrawal	
Session Co-Chair	Dr. Sangeeta Arora	9811594340, <a href="mailto:sangeeta.arora@kiet.edu">sangeeta.arora@kiet.edu</a>
Session Coordinator	Prof. Sanjiv Sharma	9634001591, <a href="mailto:sanjiv.sharma@kiet.edu">sanjiv.sharma@kiet.edu</a>
Date	28 <sup>th</sup> September 2019	
Time	11:00 AM- 2:00 PM	
Venue	E 209	
Total Papers	18	

<b>S.no</b>	<b>PaperID</b>	<b>Title of the Paper (Session-6)</b>	<b>Author</b>
1	43	Comparative Study Indian Electoral Reforms in Indian Context	Jayesh Solanki
2	45	Syntactico-Semantic Reasoning using PCFG, MEBN & PP Attachment Ambiguity	Shrinivasan. R
3	51	Futuristic Finger and its Modern Day Applications	Tanmay Yatin Sankhe
4	60	Design and Implementation of Crop Yield Prediction Model in Agriculture	Sangeeta
5	79	Design of Patch Antenna to Detect Brain Tumor	Tejendar Pal Singh
6	86	An Algorithm Using Signal Processing Techniques for Selection of Thresholds in Numerical Relays Based Protection of Radial Transmission	Ankit Gupta
7	94	Stockwell Transform Based Algorithm for Processing of Digital Communication Signals to Detect Superimposed Noise Disturbances	Vivek Upadhyaya
8	95	Algorithm Based on Stockwell Transform for Processing of Communication Signal to Detect Superimposed Harmonics and Transient Disturbances	Vivek Upadhyaya
9	97	A Fruit Recognition Approach for Refrigerator Inventory Management	Maithili Desai
10	104	An Improved Approach for Predicting Drug Target Interactions	Kanica Sachdev
11	111	Detection of Transmission Line Faults in the Presence of Wind Energy Power Generation Source Using Stockwell's Transform	Surabhi Thakural
12	127	A Comparative Study of Fruit Defect Segmentation Techniques	Lalit Chaudhary
13	161	Techno-Economic Analysis of 100 kW Rooftop Photovoltaic Grid-Type System Based on Actual Performance Through Homer Software	Anam Khan
14	195	A Review on Quantum Computers with Emphasize on Linear Optics Quantum Computing	Amit Kumar Sharma
15	201	Solution Approach to Unit Commitment Problem Using GAMS Environment	Vineet Kumar
16	202	SPV Plant Performance Analysis for Optimized Inter-Row Spacing and Module Mounting Structure	Kapil Joshi
17	221	Classification for Credit Card Fraud Detection	Abhishek Kathuria
18	96	"Online Transaction Security Enhancement": An Algorithm Based on Cryptography	Zeenat Hasan

**For Accommodations and any query related to venue, please contact: -**

1. Prof. Amit Goyal : Contact Number : 9899979748, [amit.goyal@kiet.edu](mailto:amit.goyal@kiet.edu) (For Male)
2. Prof. Aruna Yadav Contact Number : 9654880033, [aruna.yadav@kiet.edu](mailto:aruna.yadav@kiet.edu) (For Female)

Please fill below attached form and send on above emails with a copy to

[icict@kiet.edu](mailto:icict@kiet.edu)

# **Accommodation Form**

**IEEE International Conference on Issues and Challenges in Intelligent Computing Techniques (ICICT 2019)**

## **KIET Group of Institutions**

1. Name:
2. Contact Number:
3. Email Id:
4. Paper ID:
5. Paper Title:
6. Id proof. Detail (Attach a copy):
7. Accommodation Required Date:
8. No of Persons:
9. Complete Address:
  
10. Time of Leaving KIET Group of Institutions

**Signature of Author**

# How to Reach the venue?

KIET Group of Institutions is situated in Ghaziabad (near Murad Nagar) on Ghaziabad-Meerut (NH58) road. Good connectivity to KIET is available from Delhi airport, major railway stations (Hazrat Nizamuddin, New Delhi, Old Delhi, Ghaziabad) by busses and taxis. Distance, connectivity and fares

from major landmark to reach KIET Group of Institutions, Ghaziabad is as follows:

## **1. From Indira Gandhi International Airport (IGI Airport):**

KIET is approximately 50 km from IGI airport. Approximate fare of taxi from IGI airport to KIET is around Rs. 700-900. One can also board metro train from IGI airport (New Delhi) to Shaheed Sthal metro station (Ghaziabad). From Shaheed Sthal metro station, one can board bus, auto or cab for reaching KIET. KIET is around 13 km away from Shaheed Sthal metro station. Approximate fare for reaching KIET from Shaheed Sthal metro station by auto/cab is Rs. 400-500.

## **2. From New Delhi Railway Station:**

KIET is approximately 35 km from New Delhi railway station. Approximate fare of taxi from New Delhi railway station to KIET is around Rs. 600-700. One can also board metro train from New Delhi railway station (New Delhi) to Shaheed Sthal metro station (Ghaziabad). KIET is around 13 km away from Shaheed Sthal metro station. Approximate fare for reaching KIET from Shaheed Sthal metro station by auto/cab is Rs. 400-500.

## **3. From Old Delhi Railway Station:**



KIET is approximately 33 km from Old Delhi railway station. Approximate fare of taxi from Old Delhi railway station to KIET is around Rs. 550-700. One can also board metro train from Chandni Chowk metro station (500 m from Old Delhi railway station) to Shaheed Sthal metro station (Ghaziabad). From Shaheed Sthal metro station, one can board auto, bus or taxi for reaching KIET. Approximate fare for reaching KIET from Shaheed Sthal metro station by auto/cab is Rs. 400-500.

#### **4. From Kashmiri Gate Inter State Bus Terminal (ISBT):**

KIET is approximately 33 km from Kashmiri gate ISBT. Approximate fare of taxi from ISBT Kashmiri gate to KIET is around Rs. 550-700. One can board bus bound for Meerut from Kashmiri gate ISBT. Bus will pass through the KIET. Approximate fare for bus travelling is Rs. 60-80.

#### **5. From Vaishali, Ghaziabad:**

From Vaishali (Ghaziabad), KIET is around 27 km. Taxis (Ola, Uber etc.) are available from Vaishali to Ghaziabad. Approximate fare for taxi is around Rs. 500-650. One can also board bus bound for Meerut from Vaishali. Approximate fare for bus is Rs. 50-70.

#### **6. From Ghaziabad Railway Station:**

From Ghaziabad railway station, KIET is around 18 km. One can board auto or taxi from Ghaziabad, railway station. Approximate fare for auto and taxi travelling is around Rs. 500- 600.