

# Collaborative Activity

2019-20

Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Nature of the activity
Energy Efficient Cooperative CRN Spectrum sharing using multi-level hierarchical clustering with MCDM	Pondicherry University, Pudhucherry & University of Petroleum and Energy Studies, Dehradun.	P.Victor Paul	Research Publication
Dominant gray Level Based K-Means Algorithm for MRI Images	Tata Consultancy Services (TCS)-Hyderabad, Tata Consultancy Services (TCS) Kolkatta, V.R.S College of Engineering and Technology, Villupuram, Tamilnadu.	Gnaneswara Rao Nitta	Research Publication
Feature Extraction Techniques for Chronic Kidney Disease Identification	VITAE, Hyderabad, India.	Suresh Babu Satukumati and Shiva Prasad Satla	Research Publication
An Efficient Un-Realization Algorithm for Privacy Preserving Decision tree Learning Using <del>Medi</del>	National Institute of Technology (NIT), Trichy, Tamilnadu.	D. Yakobu	Research Publication
Comparative Study of Automatic Urban Building Extraction	National Remote Sensing Centre, Hyderabad.	K Hemantha Kumar	Research Publication
An Integrated Health Care System Using IOT	Siddhartha Institute of Technology (PVPSIT), Vijayawada.	Pavan Kumar Kolluru	Research Publication
New Reliability Routing Path for Detects Malicious Link	Gokaraju Rangaraju Institute of Engineering & Technology (GRIET), Hyderabad.	Bulla Premamayudu and Leela Priya Inturu	Research Publication

Energy Attentive Pre-fault Detection Mechanism with Multi level Transmission for Distributed wireless Sensor	Priyadharshini College of Engineering, Nagpur.	Roshani Talmale and M.Nirupama Bhat	Research Publication
New Distributed Routing Algorithm in Wireless Network Models	Sri C R Reddy College of Engineering, Eluru.	Ch Venkata Rami Reddy	Research Publication
Investigating the Effect of Social Media Campaign of German 2017 Elections	VIT University, Chennai & Meenakshi College of Engineering Chennai, Mar Ephraem College of Engineering and Technology, Marthandam.	Modigari Narendra	Research Publication
LASSO - Based Feature Selection and Naive Bayes Classifier for Crime Prediction and its Type	TCS Mumbai, JNTUK, VRS College of Engineering and Technology, Villupuram, Tamilnadu.	Dr. N Gnaneswara Rao and B.Yogeshwara Rao	Research Publication
Multimodal Biometric Template Protection using Color QR Code.	Srikalahasteeswara Institute of Technology, Sri Kalahasti, A.P., India.	K Hemantha Kumar	Research Publication
An Automatic Driver Drowsiness Detection System using DWT and RBFNN	Machine Learning and Data Analytics Lab, NIT, Trichy.	Ch Venkata Rami Reddy and D Mahesh Babu.	Research Publication
Discoverig Human Activity Patterns Using Smart Meter Data	Government Degree College, Hyderabad.	DS Bhupal Naik, D.Venkatesulu and V.Ramakrishna Sajja	Research Publication

Segmentation of Lungs from Chest X-Ray Using Euler Number-Based Thresholding, Morphological Operators and	IIT, Dhanbad, Jharkhand.	Ebenezer Jangam, U.Srilakshmi, D.Yakobu	Research Publication
Segmentation of Lungs from Chest X-Ray using Firefly Optimized Fuzzy C-Means and Level Set Algorithm	IIT, Dhanbad, Jharkhand	Ebenezer Jangam	Research Publication
Efficient Data Mining Model for Prediction of Chronic Kidney Disease Using Wrapper Methods.	Malla Reddy Institute of Technology, Hyderabad.	Shivaprasad S, Dinesh K, and Veeraiah D.	Research Publication
Rule Based Experiment on Exponential Integrate and Fire Neuron Model	NIT, Goa.	Vishnu Kumar, Rajesh Dwivedi, and Ebenezer Jangam	Research Publication
Applying Distributed Spanning Tree for Energy Efficient Routing in Wireless Sensor Networks	QIS Institute of Technology, Ongole, A.P.	Victor paul and Leela Priya	Research Publication
Hybrid Fuzzy C-Means Using Bat Optimization and Max-Min Classifier	Indian Institute of Technolog, Dhanbad, India.	Ebenezer Jangam	Research Publication
Dimensionality Reduction Technique on SIFT Feature Vector for Content Based Image	Indian Institute of Technolog, Dhanbad, India.	Ebenezer Jangam	Research Publication

Efficient GWR solution by TR and CA	PSG Institute of Technology and Applied Research ,Coimbatore, India, Sri Krishna College of Engineering and Technology, Coimbatore, India, AVS Engineering College Salem, India.	Y. Rajkumar	Research Publication
An Unsupervised Deep Learning Methods for Fabricating Text Mining Analysis	Vignan's Institute of Information Technology, Andhra Pradesh, India, Kalasalingam Academy of Research and Education, Krishnankoil-626126, Tamil Nadu, India.	Madhu Babu Chevuru and K.Shankar	Research Publication
An Experimental Evaluation on Utility Prediction of Integrated Child Development Services	Vignan's Nirula Institute of Technology and Science for Women, Guntur, AP, India.	Venkata Phani kumar S	Research Publication
Adaptive League Championship Algorithm (ALCA) for Independent Task Scheduling in Cloud Computing	Nita Thakare, Priyadarshini College of Engineering, Nagpur	Nirupama Bhat	Research Publication
Influence of Climate Change on Stock Market	Indian Institute of Information Technology, Kottayam, Valavoor P.O, Pala, Kottayam, Kerala, India.	Dr. Nirupama Bhat	Research Publication
Speech Based Query Techniques and Application in Library System	KU college of Engineering, Warangal, TS, India.	S.Shivaprasad	Research Publication
Text and Image Classification Using Conventional Machine Learning to Convolutional	G. Keerthi, M. Sudhakar and K.Sushma	Chavva Ravi Kishore Reddy	Research Publication

Subspace Based Aggregation for Enhancing Utility, Information Measures and Cluster Identification in Privacy Preserved Data Mining on High Dimensional	Presidency University, Bengaluru, India.	D. Venkatesulu	Research Publication
Object Detection in Convolution Neural Networks Using Iterative Refinements	Vel Tech Dr. Sagunthala R&D Institute of Science and Technology, Chennai 600062, India.	Battula Bhavya, Sajida Sultana & T.P.Latchoumi	Research Publication
Disseminating the Authentication Process Based on Secure RGVSS Multi-Biometric Template Encryption through QR Code in Health Care Informatics	Srikalahasteeswara Institute of Technology, Srikalahasti, (Andhra Pradesh), India.	Devendra Reddy Rachapalli and Hemantha Kumar Kalluri	Research Publication
A Study on Class Imbalancing Feature Selection and Ensembles on Software Reliability Prediction	NIT Warangal, Hanamkonda, India.	Jhansi Lakshmi Potharlanka and Maruthi Padmaja Turumella	Research Publication
Modelling of Monthly Rainfall Patterns in the North-West India Using SVM	Pondicherry University, Puducherry.	Polisetty Kalpana and Jyostna Bodapati	Research Publication
Automated Identification of Diabetic Retinopathy Using Alexnet Architecture	VLITS, A.P, India	S. Deva Kumar & DS Bhupal Naik	Research Publication

Improved Health Care System in Fog	Andhra Loyola Institute Of Engineering and Technology, Vijayawada.	Venkata Ranga Rao Kommineni and Pavan kumar kolluru	Research Publication
A Novel Approach to Key Management Using Visual Cryptography	Sri Padmavati Mahila Visvavidyalayam (SPMVV), Tirupati, A.P., India.	Nirupama Bhat M and Suvarna B	Research Publication
Deep CNN: A Machine Learning Approach for Driver Drowsiness Detection Based on Eye State	Machine Learning & Data Analytics Lab, National Institute of Technology, Tiruchirappalli 620015, India.	Venkata Krishna Kishore Kolli	Research Publication
<b>2018-19</b>			
Student Exchange Program	Nanyang Technological University, Singapore & VFSTR	Chaitanya	NTU - Global India Connect Program
Private Cloud Administrator	Albright Technologies Pvt.Ltd., Vijayawada.	U.Srilakshmi	Faculty Industrial Training
Amazon Web Services	Terafast Networks Pvt.Ltd, Chennai	P.Amarnath Reddy	Faculty Industrial Training
Amazon Web Services	Terafast Networks Pvt.Ltd, Chennai.	Ch.Venakata Rami Reddy	Faculty Industrial Training

Robotics Using Aristrosoft	MTAB Technology Center Private Limited, Chennai.	Amar Jukuntla	Faculty Industrial Training
Robotics Using Aristrosoft	MTAB Technology Center Private Limited, Chennai	Dr.K.Hemantha Kumar	Faculty Industrial Training
Wireless Sensor Networks Applications: A Study	Karpagam college of Engineering	B.P.Sreeja and L.Jayakumar	Research Publication
Comparison of Classification Techniques on Data Mining	RAAK College of Engineering and Technology, Pondicherry & Pondicherry University, Pondicherry, Karpagam College of Engineering, Coimbatore	T.P.Ezhilarasi, Latha Parthiban & K.Mahalakshmi	Research Publication
Traveling Salesman Problems Based Assessment: Performance Evaluation of Population Seeding Techniques of Permutation-	Indian Institute of Plantation Management (IIPM), Bangalore, India., Pondicherry University, Pondicherry, India.	Ganeshkumar C and Jayakumar L	Research Publication
Packet Classification Methods Over Jamming Attacks	PVPSIT, Vijayawada.	K Sri Vijaya and Meka Sowjanya	Research Publication
Energy Efficient Co-operative CRN Spectrum Sharing Using Multi-level Hierarchical Clustering with MCDM	Pondicherry University, Kalapet, Puducherry, India University of Petroleum and Energy Studies, Dehradun, India	Loganathan Jayakumar S, Janakiraman, and Ankur Dumka	Research Publication

Efficient Management of Server Platforms to Meet Customer Requirement by Using IMPI and FRU Techniques	Kakatiya University	Dr. M Sadanandam	Research Publication
A Multi Stage Approach for Urban Building Extraction from Remote Sensing Satellite Images	National remote Sensing Center, Hydrbad.	VSSN Gopala, Krishna Pendyala, and CV Rao	Research Publication
Facial Expression Classification Using NLPCA and SVM with a Hybrid Kernel	NIT, Trichirapalli	U.Srinivasulu Reddy	Research Publication
Cloud -ERP: Implementation Strategies, Benefits and Challenges	Prist University & Pondicherry University	K. Vadivelu, N. Balaji, N. Poongavanam, S., and Tamilselvan	Research Publication
Air Pollution Based Vehicular Routing Problems Using Genetic Algorithm Optimization Approach	Pondicherry University, Puducherry, Madanapalle Institute of Science & Technology, Chittor, A.P., Koneru Lakshmaiah Education Foundation, Guntur, AP, INDIA.	M. Shanmugam, L. Jayakumar and T. Anand	Research Publication
An Efficient Location Detection Mechanism for VANETS Using Smart Phone Device	Narasaraopet Enginerring College, Narasaraopet, A.P., India.	Dr. Siva Nageswara Rao S, and Dr.K.LakshmiNadh	Research Publication
Graphical Modelling Framework(Gmf) of Map-Reduce Programming	Vignan, Visakhapatnam	Dr.E.Laxmi Lydia	Research Publication

Mitigate the Routing Overhead in WSN Using New Random Walk Detectors Based Approach	Acharya Nagarjuna University, Guntur, A.P.	Dr. Bandla Srinivasrao	Research Publication
Landslide Susceptibility Mapping in Darjeeling Himalayas, India	IIT(ISM) Dhanbad, Jharkhand, India.	Amit Chawla, Sowmiya Chawla, Srinivas Pasupuleti, A. C. S. Rao, and Kripamoy Sarkar	Research Publication
Computer Aided Analysis of Chest X-Ray Images for Early Detection of Cardiomegaly Using Euler Numbers	IIT(ISM) Dhanbad, Jharkhand, India	A C S Rao	Research Publication
Big Data Analytics Platforms - A Survey	K L University, Vaddeswaram, Guntur, A.P.	Anusha M	Research Publication
Analysis of Magnetic Fields on a Levitating Coaxial and Non-Coaxial Alluminum Disc	IIT Kharagpur, Kharagpur, India.	Bhattacharya T K	Research Publication
Texture Driven Hierarchical Fusion for Multi-Biometric Systems	SriKalahasteeswara Institute of Technology, Sri Kalahasti, India.	Devendra Reddy Rachapalli and Hemantha Kumar Kalluri	Research Publication
A Review on Data mining and Big data Analytics	Vignan Institute of Technology and Science, Deshmukhi, Telangana, India.	Yashasree Tummala	Research Publication
<b>2017-18</b>			
Web Designing Using PHP and MySQL	Plumsoft Solutions Pvt Ltd., Hyderabad.	Amar Jukuntla	Faculty Industrial Training
Web Designing Using PHP and MySQL	Plumsoft Solutions Pvt Ltd., Hyderabad	S.Radha Rani	Faculty Industrial Training
Web Designing Using PHP and MySQL	Plumsoft Solutions Pvt Ltd., Hyderabad	T.Anand	Faculty Industrial Training
Web Crawling and Eeb Hosting Tools	ProdEx Technologies, Chennai	B.Jyostna Devi	Faculty Industrial Training

Abnormality detection using weighed particle swarm optimization and smooth support vector machine	Pondicherry University, Puducherry.	Latchoumi TP	Research Publication
Mitigating Authentication Failure in LTE	NIT, Warangal.	D.S Bhupal Naik	Research Publication
A Novel Adaptive Two-Phase Multi Modal Bio Metric Recognition System	J.N.T.U.H, HYDERABAD.	Venkatramaphanik and Umar Sistla	Research Publication
Detecting Generic Objects by Using an Adaptation of Spatial Features	RAAK College of Engineering and Technology, Puducherry, Pondicherry Central university, Puducherry.	Latchoumi TP	Research Publication
A Frame Work to Implement Secure De-Duplication Using Sha-512 in Cloud Environment	K.L. University.	Deevi Radha Rani	Research Publication
A Novel Architecture for Next Generation Cellular Network Using Opportunistic Spectrum Access Scheme	Pondicherry university, Puducherry.	Latchoumi TP	Research Publication
Revenant of the Eco System: and Environmental Based Green Computing Models for Vehicular Routing Problems Using Genetic Algorithm Optimization Approach	K.L.University, Vijayawada.	M. Shanmugam	Research Publication

Data Refining and Transforming via Cloud Technology Through Local Desktop	Saksoft Pvt ltd, Chennai.	P.Victor Paul	Research Publication
Face Detection Using Various Techniques	K.L.University, Vijayawada, VIIT, Duvvada, Vishakapatnam.	Hemantha Kumar Kalluri	Research Publication
Survey on Cache Route Schemes to Improve QOS in AD-HOC	VEL TECH-Technical University, Chennai.	Latchoumi TP	Research Publication
Dynamic Virtual Server for Optimized Web Service Interaction	Pondicherry University, Puducherry.	S. janakiraman	Research Publication
Design of a Secure Computation Protocols for Distributed Association Rule Mining on Partitioned Data	Kakatiya University, Warangal	B.Santoshini	Research Publication
An Analysis of Cloud Data Security Issues and Mechanisms	K.L.University, Vijayawada.	Yakobu . D	Research Publication
<b>2016-17</b>			
An Overview about Major Research Problems in Cooperative Cognitive Radio and Its Feasible Solutions	Pondicherry University, Puducherry, India.	Janakiraman S,	Research Publication
Falsification: An Advanced Tool for Detection of Duplex Code	KL University, Vaddeswaram, Andhra Loyola College, Vijayawada.	Kuncham Siva Krishna and Rao, K.B.S Sastry	Research Publication
Optimization of Skein Hash Function Using Pluto Tool	Kakatiya University, Warangal	Dr.M.Sadanandam	Research Publication
Secure Data Storage in Cloud Environment Using MAS	Satyabhama University, Chennai.	Latha Parthiban	Research Publication

Cloudinarhall- A Extended Study	Sri Manakula Vinayanagar Engineering College, Puducherry, India.	Dhavachelvan	Research Publication
Design and Implementation of Gesture Controlled Robotic Arm for Industrial Applications	Sri Manakula Vinayanagar Engineering College, Puducherry, India	J.Pradeep	Research Publication
Content-Centric Global Id Framework for Naming and Addressing for Smart Objects in IoT	JNTU Kalikiri, Anantapur, India.	B.Eswara Reddy	Research Publication
High Dimensional Unbalanced Data Classification Vs SVM Feature Selection	Vijaya Institute of Technology for Women, Enikepadu, Vijayawada.	S.Chinna Gopi	Research Publication
Classification and Flow Control in PGW	Resonous Technologies Pvt Ltd, Bangalore.	Ramana Ravuri	Research Publication
Attacks Resistant to the Routing level and a Synopsis of Refuge Factor of Routing in Mobile Adhoc Network	Acharya Nagarjuna University,Guntur	Dr.B.Srinivasa Rao	Research Publication
Experimental Analysis of Fixed Parameter Algorithms for Odd Cycle Transversals and Feedback Vertex Sets	Kakatiya University, Warangal	Dr.M.Sadanandam	Research Publication
<b>2015-16</b>			
Adaptive Fuzzy Membership Functions with AGA Techniques in Telugu Character Recognition	Vikrama Simhapuri University, Nellore, AP, India.	P K Venkateswar Lal	Research Publication

An Innovative Approach of Retrieval of People Images	Anurag Engineering College, Hyderabad.	Dr. N Gnaneswara Rao, S V Rama Krishna	Research Publication
Palmprint Identification and Verification Based on Wide Principal Lines Through Dynamic ROI	Institute for Development and Research in Banking Technology, Hyderabad., School of Computer and Information Science, University of Hyderabad, Hyderabad.	K Hemantha Kumar	Research Publication
Multi Feature Based Fingerprint Recognition with Score Fusion	JNTUH, Telangana.	VenkataPhanikumar S	Research Publication
A Novel Approach for Fingerprint Recognition with Dynamic Time Wrapping	JNTUH, Telangana.	Venkata Phani kumar S	Research Publication
Neighbor Position Verification with Improved Quality of Service in MANETs	Sungshin Women's University, Korea.	R.Upendar Rao, D.Veeraiah, and Venkata Naresh Mandhala	Research Publication