

# FACULTY PUBLICATIONS

**Academic Year: 2018- 2019**

<b>PAPER PUBLICATIONS (2018-2019)</b>			
<b>INTERNATIONAL CONFERENCE</b>			
<b>S.No</b>	<b>AUTHORS</b>	<b>TITLE OF THE PAPER</b>	<b>CONFERENCE DETAILS</b>
	Dr. J. Venu Gopala Krishnan, et al.	Reflection Segmentation for Potential Augmentation - Geometric Approach	AIP Conference Proceedings 2019
	Dr. Anita Titus, et al.	Computer Aided Diagnosis of Bone Tumor using SVM Classifier	ICONSTEM 2019
	Dr. J. Jebastine, et al.	Outdoor Communication using Li-Fi Protocol	ICONSTEM 2019
	Dr. J. Jebastine, et al.	Efficient FPGA Based Design for Detecting Cardiac Dysrhythmias	ICGPC 2019
	Mr. M. Suman, et al.	Maintenance of Health Records using Iris Recognition System	ICONSTEM 2019
	Mrs. C. Anitha, et al.	Rescuer Supporting Machine with IOT Interfacing Module	ICONSTEM 2019
	Mr. B. Arun Vijayakumar, et al.	Fusion of Structural and Textural Features for Melanoma Recognition	ICONSTEM 2019
	Mr. B. Arun Vijayakumar, et al.	Implementation of Plant Growth using Embedded System	ICONSTEM 2019
	Mr. G .C. Jagan, et al.	Oceanographer	ICONSTEM 2019
0.	Mr. G. C. Jagan, et al.	Intelligent High Speed Traversal Rover Controlled using Bluetooth Module	ICONSTEM 2019
1.	Mr. T .R Chenthil, et al.	Real Time Application of Text to Speech Conversion using Raspberry Pi	ICONSTEM 2019
2.	Mrs. R. Bhavani, et al.	Brain Tumor Segmentation using Histogram Classification in MRI Images	ICONSTEM 2019
3.	Dr. S. Ramesh, et al.	Design of 5G Antenna for Wireless Applications using HFSS	ICONSTEM 2019
4.	Mr. G. Balachandran, et al.	IOT Based Door Unlocking System using Facial Recognition	ICONSTEM 2019
5.	Mr. G. Balachandran, et al.	Efficient Attendance Maintenance System by Facial Recognition	ICONSTEM 2019

<b>S.No</b>	<b>AUTHORS</b>	<b>TITLE OF THE PAPER</b>	<b>CONFERENCE DETAILS</b>
6.	Mrs. V. Nanammal, et al.	Real-Time Video Enhancement on FPGA by Context-Based Fusion Technique Networks	ICONSTEM 2019
7.	Mr. S. Ranjith, et al.	Tele Mechanical Implementation on Domestic and Commercial Appliances with Local and Global Cloud Computing using Wireless Devices	ICONSTEM 2019
8.	Ms. Madona B Sahaai, et al.	Air Writing Recognition- Modeling and Recognition of Characters	ICONSTEM 2019
9.	Mr. J. Ranjith Kumar, et al.	Mobile Cluster Based Relay Reconfiguration Optimization of Dynamic Channel Allocation Techniques in Mobile Wireless Sensor Network	ICONSTEM 2019
10.	Mr. E. Sakthivel, et al.	ATM Security using Fingerprint and Iris Recognition	ICONSTEM 2019
11.	Mrs. R. Gracelin Sheeba, et al.	Home Appliance Control with Voice Recognition using Smart Gloves for Differently Challenged People	ICONSTEM 2019
12.	Mrs. T. Vishnupriya, et al.	Cable Fault Detection with Distance Measurement of Fault Areas using Embedded System	ICONSTEM 2019
13.	Mrs. T. Vishnupriya, et al.	Design and Implementation of HAND TALK - Sign Language Recognition using Mobile Personal Area Network (MPAN)	ICONSTEM 2019
14.	Ms. A. Pitchaikani, et al.	Autonomous Patient Monitoring and Self Assessment using IOT	ICONSTEM 2019
15.	Ms. A. Santhiya, et al.	Defending Online Standing Attack Against Collaborative Network and Knowledge Discovery to Prevent Securities Fraud	ICONSTEM 2019
16.	Ms. A. Santhiya, et al.	Secure and Trustworthy Collection of Sensor Cloud Data	ICONSTEM 2019
17.	Mr. S. K. Binu Siva Singh, et al.	Vehicle Monitoring and Police Control System	ICONSTEM 2019

**INTERNATIONAL JOURNALS (2018-2019)**

<b>S. No</b>	<b>AUTHORS</b>	<b>TITLE OF THE PAPER</b>	<b>JOURNAL DETAILS</b>
1.	Dr. J. Venu Gopala Krishnan, et al.	Reflection Segmentation for Potential Augmentation Geometric Approach	AIP Conference Proceedings 2019 (Scopus Indexed Journal)
	Mr. S. Ranjith, et al.	An Exact Investigation and Algorithm for the Descent to Obtain Potential Unswerving Span of Single Formation of Benzene Structure in the Carbon Nanotube.	International Journal of Recent Technology and Engineering , Vol. X(X), January 2019 (Scopus Indexed Journal)
	Mr. B. Arun Vijaya Kumar, et al.	Performance Analysis of Optical Clock and Data Recovery Systems using Fiber Brass Grating in Sensing Applications	Journal of Electrical Engineering, Vol.19(1),February 2019 (Scopus Indexed Journal)
	Mrs. V. Nanammal, et al.	Dynamic Facial Tracking Based on Facial Expressions using GLCM Algorithm	Research Journal of Pharmaceutical, Biological and Chemical Sciences Vol.10 (1)/January 2019 (Scopus Indexed Journal)
	Mr.T.R. Chenthil, et al.	Real Time Application of Text to Speech Conversion using Raspberry Pi	International Journal of Scientific Research in Computer science Applications and Management Studies Vol.8/2/March 2019 (Scopus Indexed Journal)
	Mrs. R. Bhavani, et al.	Brain Tumor Segmentation using Histogram Classification in MRI Images	International Journal of Applied Engineering Research Vol. 14, Issue. 11/ June 2019
7.	Mr. J. Ranjith Kumar, et al.	Mobile Cluster Based Relay Reconfiguration Optimization of Dynamic Channel Allocation Techniques in Mobile Wireless Sensor Network	International Journal of Applied Engineering Research Vol. 14, Issue. 11/ June 2019
8.	Mrs. R. Gracelin Sheeba, et al.	Home Appliance Control with Voice Recognition using Smart Gloves for Differently Challenged People	International Journal of Applied Engineering Research Vol. 14, Issue. 11/ June 2019
9.	Mrs. T. Vishnupriya, et al.	Design and Implementation of HAND TALK - Sign Language Recognition using Mobile Personal Area Network (MPAN)	International Journal of Applied Engineering Research Vol. 14, Issue. 11/ June 2019
10.	Ms. A. Santhiya, et al.	Defending Online Standing Attack against Collaborative Network and Knowledge Discovery to Prevent Securities Fraud	International Journal of Applied Engineering Research Vol. 14, Issue. 11/ June 2019