



# SRM Valliammai Engineering College

SRM Nagar, Kattankulathur-603203, Kancheepuram District, Tamil Nadu

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## Department of Electronics and Instrumentation Engineering

### Personal Details

Name :	K. R. GANESH	
Designation :	Assistant Professor(Sr.G)	
Educational Qualification :	M.E	
Experience:	16Years	
Area of Specialization :	VLSI Design	
Date of Joining :	01/06/2015	
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### Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	B.E.	EIE	Shanmugha College of Engineering/ Bharathidasan University	1997
2	M.E.	VLSI Design	ANNA UNIVERSITY	2008

### Professional Society Memberships

Life Member of Indian Society for Technical Education

International Association of Engineers

### Publication Details

#### Journals:

1. "software/hardware parallel long period random number generation framework based on well method" International Journal of Advances in Engineering, 2015, 1(3), 84 - 89 ISSN: 2394-9260
2. "Regenerative breaking system for energy harvesting from railways and vehicles" International journal of Modern trends in Engineering and science, 2018 volume 05 issue 03.
3. "Validatable expiring currency system" International Journal of Engineering Science & Computing Volume 7 Issue No 3, March 2017.
4. "Performance Analysis of Lung Disease Detection and Classification" International Research Journal of Engineering and Technology, Volume: 06 issue: 03 March 2019.
5. "Regenerative Braking system for energy Harvesting from Railways and Vehicles", IJMTEs, Vol 05, PP 33-37
6. "Digital Dermatology: Skin disease detection using image processing" International Journal of advance research and innovative ideas in education, Volume 6 Issue No 2, March 2020
7. "Flood Risk Assessment, Management And Virtual Reality Based Rescue System" Journal Of Composition Theory. Volume XIV, Issue IV, APRIL 2021
8. "Network Based Sensor Data Collection Approach For Industrial Process Monitoring Using IoT" International Journal of Advance Research and Innovative Ideas in Education, Vol-7 Issue-2 2021

#### Conferences:

1. International conference on Electrical, communication and computing 13-14/3/2014 Tagore engineering College "Efficient FPGA implementation of configurable channel estimation Algorithm"
2. International Conference on emerging trends in Engineering & technology 13/3/2015 Pandian Sarasvathy Yathav Engineering college "Random number generation based on well method"

- 3.National Conference on advance Computing 2011 Tagore engineering College “Molybdenum as target material for TFT”
- 4.National conference on emerging trends in engineering and technology Jaya engineering college 2008 “Digital readout for sensors”
5. National conference on Recent Advances in Science, Engineering and Management (NCRASEM-2018).,Tagore Engineering College “Analysis of Adaptive Energy &Complexity Efficient Algorithm implementations of MIMO Decoder”

### Other Particulars

#### **NPTEL Courses Completed: 2**

1. Outcome based pedagogic principles for effective teaching - 2017
2. Stress Management -2018

#### **Other online Courses Completed: 2**

1. Mobile Robotics - 2017
2. Climate Change -2017

#### **Online UHV FDP Completed: 1**

1. 5-day online FDP on the theme “Inculcating Universal Human Values in Technical Education” -2021

No. of Guest Lecture Coordinated	:	2
No. of Faculty Development Programs Coordinated	:	2
No. of National Level Technical Symposium Coordinated	:	1
No. of Project Expo Coordinated	:	1
No. of Value Added course Coordinated	:	1