



# SRM Valliammai Engineering College

(An Autonomous Institution)

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

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## Department of Electronics and communication Engineering

### Personal Details

<b>Name :</b>	D.MURUGESAN		
<b>Designation :</b>	Asst. Prof (Sr.G)		
<b>Educational Qualification :</b>	M.E.,		
<b>Experience:</b>	15 Years 6 Months		
<b>Area of Specialization :</b>	Communication & Networking		
<b>Date of Birth :</b>	31/05/1979		
<b>Date of Joining :</b>	21/09/2006		
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### Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	1	B.E	Electronics And Communication Engineering	A.A.M.Engg. College 2001
2	2	M.E	Digital Communication & Networking	ArulmiguKalasalingam College of Engg. 2006

### Professional Society Memberships

1. Indian Society of Technical Education: Life Member
2. International Association of Engineers: Life Member
3. Indian Science Congress Association: Life Member

### Publication Details

#### Journals:

1. "Analysis and feature Extraction of Hyperspectral Images Using Image Fusion And Recursive Filtering", International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 9 (2015).
2. "Investigations of indoor radio propagation characteristics at 60GHz for wireless communications", International Journal of Microwave and Optical Technology, Vol.7, No.5, September 2012.

#### Conferences:

1. "60GHz Radio Channel Characteristics in an Indoor Environment for Home Entertainment Networks", International conference on Recent Advances in Information Technology & Mobile Communication –AIM2011 organized by ACEEE, Nagpur. Published in SpringerLink , Communications in Computer Science, 2011, Vol. 147, Part 1, 61-66.
2. "Radio Channel Characteristics in an Indoor Corridor Environment at 60 GHz for Wireless Networks", 5<sup>th</sup> IEEE International conference on Advanced Networks and Telecommunication Systems(ANTS), December 18-21, Bangaluru. Published in IEEEXplore, pp.1-5.

3. “Near Ground/Floor RF Path Gain measurements in indoor Corridors at 2400mHz for Wireless Sensor Communication”, International Conference on Communication Technology and System Design – ICCTSD 2011, Dec 7-9, 2011, Amrita School of Engineering, Coimbatore. Published in Elsevier Journal of procedia Engineering Vol.30, pp.836-843, 2012.
4. “Indoor Corridor Radio Propagation Characteristics at 60GHz for Wireless Communications”, 3<sup>rd</sup> International Conference on Computing, Communication and Networking Technologies – ICCCNT2012, July 26-28, 2012, SNS College of Engineering, Coimbatore. Published in IEEEXplore, IEEE-20180.
5. “60GHz Radio wave Propagation Studies in an Indoor Office Environment”, 13<sup>th</sup> International Conference on Communication System -ICCS 2012, Nov. 21-23, 2012, Singapore. Published in IEEEXplore 978-1-4673-2054-2.

### Research and Development Details

1. *No. of Research Projects Completed:*
2. *No. of Patents Filed:*
3. *No. of Ph.D candidates guided/guiding:*
4. *No of Conferences Convened:* 1

### Other Particulars

1. *No. of Books Published:*
2. *No. of STTP/FDP coordinated:* 5