

<b>Name:</b> <b>Mr. SUBRAMANIAN R</b>	<b>Photo</b> 			
<b>Designation:</b>	Assistant Professor.			
<b>Qualification:</b>	M.Sc., M.Phil., SET 2017 Qualified.			
<b>Area of specialization:</b>	Special Functions (Hypergeometric Series).			
<b>Experience:</b>	<b>Industrial Experience</b>		<b>Teaching Experience</b>	
	<b>Nil</b>		<b>19.05 Years</b>	
<b>Number of workshops / FDP attended:</b>	<b>Number of Workshops</b>		<b>Number of FDPs</b>	
	<b>3</b>		<b>14</b>	
<b>Publications:</b>	<b>Conference</b>		<b>Journal</b>	
	<b>National</b>	<b>International</b>	<b>National</b>	<b>International</b>
	<b>1</b>	<b>1</b>	<b>2</b>	<b>0</b>
<b>Books / Book Chapters</b>				
<b>Patents:</b>	<b>National</b>		<b>International</b>	
	<b>2</b>			
<b>Professional Body Membership</b>	Life Member of ISTE, IEEE			
<b>Staff Achievements</b>	<ul style="list-style-type: none"> <li>● Produced 100% result for FIVE times</li> <li>● completed the NPTEL course on Essential Mathematics for Machine Learning with Elite+ Silver</li> <li>● completed the NPTEL course on Discrete Mathematics with Elite</li> <li>● Completed the NPTEL course on Graph Theory with Elite</li> </ul>			

	completed the NPTEL course on Modern Algebra with Elite
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- Completed the NPTEL course on Linear Algebra through Geometry with Elite

## Educational Qualifications:

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
UG	B.Sc.	Mathematics	Apr. 2003	Vivekananda College	Madurai Kamaraj University	75.40%	I
PG	M.Sc.	Mathematics	Apr. 2005	Jamal Mohamed College	Bharathidasan University	73.60%	I
	M.Phil.	Mathematics	Aug. 2006	Bishop Heber College	Bharathidasan University	78.8%	I
	Ph.D.	Mathematics	Doing	-	AMET University		

## Academic Experience:

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Paavendhar College of Arts & Science	Lecturer	16.06.2006	22.04.2009	2	10	11
Vel Tech Multi Tech Engineering College	Lecturer	07.07.2009	12.12.2009	-	5	7
Sri Sai Ram Engineering College	Lecturer	14.12.2009	31.05.2011	1	5	17
	Assistant Professor	01.06.2011	Till date	14	08	15
<b>Total</b>				<b>19</b>	<b>05</b>	<b>20</b>

Workshops/Seminars attended:

FDP/STTP Attended:

1. Attended one day FDP on 'ENGINEERING MATHEMATICS USING MATLAB' organized department of mathematics, School of advanced Science, VIT- Chennai on April 29<sup>th</sup> 2011.
2. Attended MATHEMATICS TEACHERS TRAINING PROGRAMME 2012, organized by THIAGARAJAR COLLEGE OF ENGINEERING, Madurai, India, from 2 to 7, January, 2012.
3. Attended TEACHERS' ENRICHMENT WORKSHOP FOR MATHEMATICS TEACHERS OF ENGINEERING COLLEGES held at THE INSTITUTE OF MATHEMATICAL SCIENCES, Chennai during 21-26 November 2016.

4. Attended FDP on ENTREPRENEURSHIP CAREER DEVELOPMENT HELD at SRI SAIRAM INSTITUTE OF MANAGEMENT STUDIES, Chennai during 8<sup>TH</sup> to 12<sup>TH</sup> April 2019.
5. Attended Online Workshop on INCULCATING UNIVERSAL HUMAN VALUE IN TECHNICAL EDUCATION organized by all INDIA COUNCIL FOR TECHNICAL EDUCATION (AICTE), during 10<sup>TH</sup> to 14<sup>TH</sup> August 2020.
6. Attended Online Workshop on ROLE OF MATHEMATICS IN ENGINEERING DISCIPLINES organized by STELLA MARY'S COLLEGE OF ENGINEERING, during 3<sup>RD</sup> to 7<sup>TH</sup> August 2020.
7. Attended Online Workshop on APPLICATION & IMPLEMENTS OF MATHEMATICS organized by all HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY, during 17<sup>TH</sup> to 23<sup>RD</sup> August 2020.
8. Attended Online FDP on DATA SCIENCE organized by all AICTE TRAINING AND LEARNING (ATAL), at PRATHYUSHA ENGINEERING COLLEGE during 7<sup>TH</sup> to 11<sup>TH</sup> September 2020.
9. Attended Online FDP on DATA SCIENCE organized by AICTE TRAINING AND LEARNING (ATAL), at CHHATTRAPATHI SHIVAJI INSTITUTE OF TECHNOLOGY during 7<sup>TH</sup> to 11<sup>TH</sup> September 2020.
10. Attended Online NATIONAL WORKSHOP on  $L^2$ : *Learning Latex* organized by DWARAKA DOSS GOVERDHAN DOSS VAISHNAV COLLEGE (Autonomous), at Chennai during 17<sup>TH</sup> to 19<sup>TH</sup> August 2020.
11. Attended the National Seminar On "APPLICATIONS OF DIFFERENTIAL EQUATIONS: NEURAL NETWORK AND FLUID DYNAMICS", organized by the Department of Mathematics, AMET University, Chennai-602103.on 15.04.2025.
12. Attended Faculty Development Programme (Online 40 hours) jointly organized by various Academies on QT-02 Foundations of Quantum Technologies organized by Electronics & ICT Academies MNIT Jaipur, NIT Patna, IIT Kanpur, IIT Roorkee, IIT Guwahati, IIITDM Jabalpur, NIT Warangal, during April 11 - May 03, 2025. The programme is funded by MeitY and endorsed by DST NQM / AICTE / UGC. (3-Credits equivalent).
13. Attended (Online) the Five-Day International Faculty Development Programme on "Mathematical Models for Machine Learning, and Dynamical Systems" from 12.05.2025 to 16.05.2025 organized by the Department of Mathematics, AMET University, Chennai-602103.
14. Attended Faculty Development Programme (Online 40 hours) jointly organized by various Academies on QT-03 & 04 Foundations of Quantum Technologies organized by Electronics & ICT Academies MNIT Jaipur, NIT Patna, IIT Kanpur, IIT Roorkee, IIT Guwahati, IIITDM Jabalpur, NIT Warangal, during May 16 - June 7, 2025. The programme is funded by MeitY and endorsed by DST NQM / AICTE / UGC. (3-Credits equivalent).
15. Attended Faculty Development Programme (Online 40 hours) jointly organized by various Academies on QT-05 Foundations of Quantum Technologies organized by Electronics & ICT Academies MNIT Jaipur, NIT Patna, IIT Kanpur, IIT Roorkee, IIT Guwahati, IIITDM Jabalpur, NIT Warangal, during July 11 - August 2, 2025. The programme is funded by MeitY and endorsed by DST NQM / AICTE / UGC. (3-Credits equivalent).

16. Attended Faculty Development Programme (Online 40 hours) jointly organized by various Academies on QT-06 Foundations of Quantum Technologies organized by Electronics & ICT Academies MNIT Jaipur, NIT Patna, IIT Kanpur, IIT Roorkee, IIT Guwahati, IIITDM Jabalpur, NIT Warangal, during August 18 – September 11, 2025. The programme is funded by MeitY and endorsed by DST NQM / AICTE / UGC. (3-Credits equivalent).
17. Attended Faculty Development Programme (Online 40 hours) jointly organized by various Academies on QT-07 Foundations of Quantum Technologies organized by Electronics & ICT Academies MNIT Jaipur, NIT Patna, IIT Kanpur, IIT Roorkee, IIT Guwahati, IIITDM Jabalpur, NIT Warangal, during September 26 – October 17, 2025. The programme is funded by MeitY and endorsed by DST NQM / AICTE / UGC. (3-Credits equivalent).

Symposium Attended:

Conference Attended:

1. Attended research promotion workshop on “Introduction to Graph and Geometric algorithms”, organized by PSG college of Technology held on during 6 & 8 January, 2011.
2. Attended and presented a paper titled Coding based on Sir Arthur Conan Doyle’s “The Adventure of The Dancing Men” on 13<sup>th</sup> INTERNATIONAL CONFERENCE ON CONTEMPORARY ENGINEERING AND TECHNOLOGY 2025 (ICCET), organized and held in Prince Shri Venkateshwara Padmavathy Engineering College Chennai, India on March 22nd - 23rd, 2025. ICCET 2025 conference Collaboration with Samarkand State University Uzbekistan.

Completed / Ongoing Projects:

Patent:

- PATES APPLIED FOR “A DEVICE TO PEEL FODDERS SKIN” APPLICATION NUMBER: 10-11-2021/97967/20241048978/Form1
- PATES APPLIED FOR “THE DANCING MEN QWERTY KEYBOARD” APPLICATION NUMBER: 04-07-2024/89248/202441051155/Form1.

**WEBINAR:**

1. Attended International Webinar on INNOVATIVE MATHEMATICAL MODELLING IN COASTAL AND OCEAN ENGINEERING organized by SRMIT, at Chennai on 27<sup>TH</sup> July 2020.
2. Attended Webinar on STOCHASTIC MODELS OF A CALL CENTER organized by SRI SAIRAM ENGINEERING COLLEGE, on 30<sup>TH</sup> July 2020.
3. Attended Webinar on APPLICATION OF QUEUEING SYSTEM TO TELECOMMUNICATIONS organized by SRI VENKATESHWARA COLLEGE OF ENGINEERING, on 6<sup>TH</sup> August 2020.
4. Attended Webinar on APPLICATION OF DIFFERENTIAL EQUATION IN CIVIL ENGINEERING organized by KUMARAGURU COLLEGE OF TECHNOLOGY, on 11<sup>TH</sup> August 2020.
5. Attended Webinar on YOGA FOR PHYSICAL AND MENTAL WELL BEING organized by SRI SAIRAM ENGINEERING COLLEGE, on 20<sup>TH</sup> and 21<sup>ST</sup> August 2020.

6. Attended Webinar on MATHEMATICS IN AICTE THRUST AREAS organized by SRI SAIRAM ENGINEERING COLLEGE, on 10<sup>TH</sup> October 2020.
7. Attended Online Auto CAD Hands on Training organized by Sairam Robotics Club in association with Department of Mechanical Engineering, SRI SAIRAM ENGINEERING COLLEGE, on 3<sup>rd</sup>, 4<sup>th</sup>, 10<sup>th</sup> & 11<sup>th</sup> December 2020.
8. Attended Webinar on APPLICATION OF MATHEMATICS organized by SETHU INSTITUTE OF TECHNOLOGY, on 30<sup>TH</sup> December 2020.
9. Attended Webinar on INTELLECTUAL PROPERTY RIGHTS WITH FOCUS ON PATENTS IN MATHEMATICS organized by SRI SAIRAM ENGINEERING COLLEGE, on 3<sup>rd</sup> February 2021.

Journal Publications:

1. Subramanian R., Murugan K. V. and Srinivasa Rao K., On new three term recurrence relations for the 3-j coefficient, J. of Ramanujan Society of Mathematics and Mathematical Sciences, Vol 12, No 1 (2024) page (61-68) DOI: 10.56827/JRSMMS.2024.1201.4.
2. Subramanian R., Murugan K. V. and Srinivasa Rao K., On new four term recurrence relations for the 3-j coefficient, J. of Ramanujan Society of Mathematics and Mathematical Sciences, Vol 12, No 1 (2024) page (69-74) DOI: 10.56827/JRSMMS.2024.1201.5.
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ONLINE CERTIFICATE COURSE:

1. Completed online certificate course SPREADSHEETS FOR BEGINNERS USING GOOGLE SHEET offered by Coursera on June 1<sup>st</sup> 2020.
2. Completed online certificate course THE SUSTAINABLE DEVELOPMENT GOALS offered by Coursera, UNIVERSITY OF COPENHAGEN on 13<sup>th</sup> July 2020.
3. Completed online certificate course MATHEMATICS FOR MACHINE LEARNING: LINEAR ALGEBRA offered by Coursera, IMPERIAL COLLEGE LONDON on 1<sup>st</sup> August 2020.