



Sri SAI RAM INSTITUTE OF TECHNOLOGY

Accredited by **NBA** and **NAAC 'A+'** | An **ISO 9001:2015** Certified and **MHRD NIRF** ranked institution |
Approved by **AICTE**, New Delhi | Affiliated to **Anna University**, Chennai.
Sai Leo Nagar, West Tambaram, Chennai-600 044.
www.sairamit.edu.in.Tel: 044-22512333/22512111



DEPARTMENT OF SCIENCE AND HUMANITIES

Name : **Dr. YUVARAJ V**

Designation : **ASSISTANT PROFESSOR**

Email : **yuvaraj.maths@sairamit.edu.in**

Qualification : **M.Sc., M.Phil., Ph.D.**

Specialization : **Mathematics**

Research Interest : **Mathematical Modeling**

Experience in years : **Teaching UG** **PG** **Industry**

No. of Workshop/Conferences/
FDP attended : **Workshop** **Conferences** **FDP**

No. of Workshop/Conferences/
FDP Organized : **Workshop** **Conferences** **FDP**



Professional Membership	THE ASSOCIATION OF MATHEMATICS TEACHERS OF INDIA (REGD)" L10084 – LIFE MEMBER SINCE 2010
Publications	National: -
	International: 06
	Book: 01
Research Funded Projects	
Patents	
Achievements	College first in UG (2002) & PG (2004). Achieved 100% Results in Mathematics-II for I-CSE B (2014-2015) Resource Management Techniques for IV-CSE A (2016-17) Probability Queuing Theory for II-IT C (2016-17) Transforms and Partial Differential Equations II ECE A (201-18)
Any Other Information	Qualified for TAMILNADU STATE ELIGIBILITY TEST (TNET 2016) - Mother Teresa Women's University.

List of Publications:-

1. Yuvaraj V, S Rajasekaran, Modeling of Tsunami Wave Propagation on the time grounded, International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 16 (2015) pp 37961-37964.
2. Yuvaraj V, S Rajasekaran, E. Syed Mohamed, An Alternative Analytical Model for Propagation of Tsunami Waves, International Journal of Pure and Applied Mathematics, ISSN 1311-8080 Volume 113, Number 06 (2017) pp 29-37.
3. Yuvaraj V, S Rajasekaran, E. Syed Mohamed, Complex Solutions for Tsunami Ascending into a River as a Bore, International Journal of Pure and Applied Mathematics, ISSN 1311-8080 Volume 114, Number 06 (2017) pp 99-107.
4. Yuvaraj V, S Rajasekaran, D. Nagarajan, Analytical and Numerical Modeling of Tsunami Wave Propagation for double layer state in Bore, Journal of Physics: conference Series 1000 (2018) 012113.
5. Yuvaraj V, S Rajasekaran, D. Nagarajan, Tsunami Wave Propagation by Voronoi diagram, International of Engineering and Technology, 7 (3) (2018) 1233-1235. doi:10.14419/ijet.v7i3.12486
6. J. Charles Prem Anand, V. Yuvaraj, R. Delhi Babu, Magnetohydrodynamic effects on steady blood flow in a stenosis under angular velocity, AIP Conference Proceedings, Volume 2112, Issue 1, (2019), 020093 <https://doi.org/10.1063/1.5112278>

Seminar/Workshop / Conferences /FDP Attended: -

Seminar:

S.No	Seminar on	Held on Date	Place
1.	Defence Education for the 21 st Century	28 th & 29 th November 2011	Hindustan University, Chennai.

Workshop:

S.No	Workshop on	Held on Date	Place
1.	Numerical Computation, Optimization of Functions and Differential Equations	29 th & 30 th July 2016	Hindustan University, Chennai.
2.	Instructional Workshop on Graph Theory and Discrete Mathematics	20 th & 21 st August 2015	Sri Sairam Institute of Technology, Chennai.
3.	Advancements in Chemical Sciences	18 th July 2016	Sri Sairam Institute of Technology, Chennai.

4.	Mathematical Approach to Physical Science	14th & 15 th February 2013	SSN College of Engineering, Chennai.
5.	Differential Equations	28-29, September 2012	Indian Institute of Information Technology and Management- Kerala, Trivandrum
6.	Discrete mathematics & its applications	09-08-2012	Asan Memorial College of Engineering & Technology, Chengalpattu
7.	Differential Equations and Mathematical Modeling	09.02.2012 to 11.02.2012.	Lady Sri Ram College for Women, New Delhi.
8.	Applications of Fuzzy Theory	10 & 11 th August 2011	Hindustan Institute of technology and Science, Chennai.
9.	Applications of Mathematics in Engineering	23 rd & 24 th September 2010	Hindustan Institute of technology and Science, Chennai.
10.	Mathematical methods and Applications	22 nd December 2009	IIT Madras, Chennai

Faculty Development Program:

S.No	FDP on	Held on Date	Place
1.	Algebra and Number Theory	10 th to 16 th June 2019	Sri Sairam institute of Technology, Chennai.(sponsored by Anna university)
2.	Entrepreneurship Carrier Development Program	8 th to 12 th April 2019	Sri Sairam institute of Management Studies, Chennai
3.	A short lecture series on contour integration in the complex plane	Half Week FDP(Aug-Oct 2019)	NPTEL-AICET (online Course)
4.	Introduction to Abstract and Linear Algebra	One Week FDP(Aug-Oct 2018)	NPTEL-AICET (online Course)
5.	Talent Excellence in Engineering and Management Curriculum	20 & 21 st June 2016	Sri Sairam Institute of Management Studies, Tambaram, Chennai
6.	Faculty Enrichment Programme	30.06.2010, 01.07.2010 &	Hindustan Institute of Technology and Science, Chennai.

		27.08.2010	
7.	Soft Skills and Class Room Dynamics	04.08.2008 to 06.08.2008	Hindustan Institute of Technology and Science, Chennai.
8.	Applied Dynamic Programming	6 th February 2008	M.N.M Engineering college, Chennai.
9.	Probability and Statistics	12 th to 24 th November 2007	Mepco Schlenck Engineering College, Sivakasi.

Conferences:

S.No	Conference on	Held on	Place
1.	National Conference on Mathematical Techniques and its Applications	5 th and 6 th January 2018	SRM University, Potheri, Chennai
2.	Recent Trends in Mathematics and its Applications	24 th & 25 th February 2017	SRM University, Vadapalani, Chennai
3.	Mathematical Techniques and their Applications	27 th & 28 th January 2017	SRM University, Potheri, Chennai
4.	Mathematical and computational Models	December 13 th -15 th 2007	PSG College of Engineering and Technology, Coimbatore.

Expert Lecturers Delivered:

S.No	Workshop on	Held on Date	Place
1.	Aptitude Skilled Seminar	21.07.2018	Anna Adarsh College for Women, Chennai.
2.	Aptitude Skilled Seminar	30.07.2016	Anna Adarsh College for Women, Chennai.
3.	In Service Training Programme for the Secondary Grade Science Teachers, sponsored by Tamilnadu State Council for Science and Technology.	20.12.2010-24.12.2010	Kanchi Shri Krishna College of Arts and Science, Kanchipuram

MEMBERSHIP

Affiliated to “THE ASSOCIATION OF MATHEMATICS TEACHERS OF INDIA (REGD)” **L10084** – Life member since 2010.

Affiliated to “ALL INDIA COUNCIL FOR TECHNICAL SKILL DEVELOPMENT (REGD)” **AICTSD/PROFESSOR/03941** – Life member since 2019.

Affiliated to “INTERNATION ASSOCIATION OF ENGINEERS(REGD)” Member Number: **205230**– Life member since 2019.

Affiliated to “THE INDIAN SOCIETY FOR TECHNICAL EDUCATION(REGD)” **LM128032** – Life member since 2019.

RESPONSIBILITES AND DUTIES HANDLED

- NBA Co Ordinator for Department.
 - Website In charge for the Department
 - Designed curriculum for B.Tech., M.B.A & M.Phil.,
 - Class teacher and Group Counselor for teachers and students
 - Chief Examination Coordinator for Internal and External
 - Head of the Timetable committee for the school of Science & Humanities
 - Committee Coordinator for conducting National Workshops
 - Conducted lecture sessions for improving Mathematics results for Teachers
 - Prepared online question banks and practice papers for students
 - Headed various organizing committees
 - Member of the sports quota selection board
 - Examiner for evaluation of papers internal and external
 - Designed and framed question papers for various University Examinations.
 - Acted as Selection Committee member for various posts in KV Tambaram on 03/06/2016
-