


**Sri Sai Ram Engineering College**  
**Department Of Humanities And Sciences**

<p>Name : MANIKANDAN .K</p>	
<p>Designation :</p>	<p>Assistant Professor</p>
<p>Qualification :</p>	<p>M.Sc., M.Phil., TNSET(2018)</p>
<p>Area of Specialization :</p>	<p>Linear Algebra &amp; Operations Research</p>
<p>Experience :</p>	<p>Teaching : UG : 06 years PG : 03 yrs Industry : Nil</p>
<p>No. of Workshop / Conferences / FDP attended</p>	<p>Workshop – 10 / Conferences - 01 / FDP -13</p>
<p>Publications :</p>	<p>Journals National : Nil International : Nil</p>
<p></p>	<p>Conferences National : Nil International : Nil</p>
<p>Research Guidance :</p>	<p>Nil</p>
<p>General :</p>	<p>Nil</p>
<p>Staff Achievements:</p>	<p>Producing good result in previous institutions Tireless effort and contributed constant support for the achievement of National Board of Accreditation 2017-2018 at VTMT</p>

## Educational Qualification:

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	2010	Government Arts College (Autonomous), Salem - 600 007.	Periyar University	84.20	I Class with distinction
PG	M.Sc.,	Mathematics	2012	Government Arts College (Autonomous), Salem - 600 007.	Periyar University	73.11	I
	M.Phil.	Mathematics	2013	Government Arts College (Autonomous), Salem - 600 007.	Periyar University	80.26	I Class with distinction
	TNSET	Mathematics	2018	Mother Teresa Women's University	Mother Teresa Women's University	148	

## Academic Experience: (as on 31.07.2023)

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Mahendra Engineering College (Autonomous)	Lecturer	05.08.2013	15.07.2016	2	11	15
Veltech Multitech Dr. Rangarajan Dr.Sakunthala Engineering College Chennai	Assistant Professor	27.06.2017	24.12.2018	1	6	0
St. Peter's Institute of Higher Education and Research, Chennai.	Assistant Professor	01.07.2019	30.06.2022	3	0	0
Sri Sairam	Assistant	01.07.2022	Till date	1	6	24

Engineering College, Chennai	Professor					
<b>Total</b>				8	12	4

### PUBLICATIONS

**Journals** : Nil

**Scopus** : Nil

#### **Workshops Conducted:**

1. *Acted as a Member of the Registration Committee in Workshop on "Probability and Random Process", Organized by Department of Mathematics, Mahendra Engineering College (Autonomous), Mahendhirapuri, Namakkal, during 15-16, February 2014.*
2. *Acted as a Member of the Registration Committee in the Faculty Deeper Learning Programme on Transform and Partial Differential Equations, Organized by Department of Mathematics, Veltech Multitech Dr.Rangarajan Dr.Sakunthala Engineering College, Chennai, during 21<sup>th</sup> to 29<sup>th</sup> June 2018.*
3. *Acted as a Member of the Registration Committee in 2<sup>nd</sup> National Conference on Recent Advances in Mathematics, Organized by Department of Mathematics, St. Peter's Institute of Higher Education and Research, during 12<sup>nd</sup> & 13<sup>rd</sup> July 2019.*
4. *Acted as a Member of the Registration Committee in 2<sup>nd</sup> National Workshop on Open Source Mathematics Software and its Applications, Organized by Department of Mathematics, St. Peter's Institute of Higher Education and Research, during 22<sup>nd</sup> & 23<sup>rd</sup> October 2021.*

#### **Invited Talks:**

1. *Teacher's Acclaimed Seminar for Knowledge Sharing on "Real World Math" on 11.02.2015 at Mahendra Engineering College (Autonomous), Tiruchengode.*
2. *Faculty Deeper Learning Programme on "Computer Science and Engineering (Mathematical Applications) "on 17.11.2015 at Mahendra Engineering College (Autonomous), Tiruchengode.*
3. *Inter Department Lecture on "A Modern Approach to Reasoning and Advanced Engineering Mathematics" on 23.03.2016 at Mahendra Engineering College (Autonomous), Tiruchengode.*
4. *Faculty Deeper Learning Programme on "Linear Algebra "on 11<sup>th</sup> to 19<sup>th</sup> June at Veltech Hightech Dr. Rangarajan Dr. Sakunthala Engineering College, Chennai.*

### **Employment Experiences:**

1. *Trainer for Quantitative Aptitude, Reasoning for Mahendra Arts and Science (Autonomous), Namakkal.*
2. *Trainer for Quantitative Aptitude, Reasoning for (Talent 2 success) KSR College, Namakkal.*
3. *Trainer for Quantitative Aptitude, Reasoning for SKP Engineering College, Thiruvannamalai.*
4. *Trainer for Quantitative Aptitude, Reasoning for Anna University BIT Campus, Tiruchirappalli.*
5. *Trainer for Quantitative Aptitude, Reasoning for (Launchpad LLC)Government Arts College (Autonomous), Kumbakonam – 612002.*

### **Conferences/Seminars/Webinars:**

1. *Webinar on Hands - on Training on Foundations of Vedic Mathematics on 20<sup>th</sup> to 22<sup>th</sup> April 2020 at SSNU, Coimbatore.*
2. *Webinar on - "Mathematical Modeling for Science and Engineering" on 02.05.2020 at Cauvery College for Women (Autonomous), Trichy.*
3. *National level webinar on "Applications of stochastic processes" on 12.05.2020 at Annai College of Arts and Science, Tiruchirappalli.*
4. *Webinar on "Essential Mathematics for Engineering Research" on 16.05.2020 at Kings College of Engineering, Chennai.*
5. *Webinar on "An introduction to Mathematical modeling" on 16.05.2020 at Dr. M.G.R Educational And Research Institute, Chennai.*
6. *Webinar on Basic of MATLAB and its engineering applications on 21<sup>th</sup> to 22<sup>th</sup> May 2020 at PES's Modern College of Engineering, Pune.*
7. *Webinar on "Skills for effective classroom teaching" on 23.05.2020 at RMK Engineering College, Chennai.*
8. *Webinar on mathematical modeling infectious diseases on 27.05.2020 at PCSAS, Chennai.*
9. *Webinar on "Inventory Models Using Fuzzy Logic" on 27.05.2020 at T.B.M.L.College, Porayar.*
10. *National Webinar on "Applied Quantum Mechanics" on 14.06.2021 at Sadakathullah Appa College (Autonomous), Tirunelveli.*

11. *National Webinar on "Numerical Modelling" on 23.06.2021 at Dr. N.G.P. Institute of Technology (Autonomous), Coimbatore.*
12. *National Webinar on "Semi Numerical Method For Class of Boundary Value Problem for Nonlinear ODE " on 05.07.2021 at Shree Khasgatesh College of Arts, Commerce and Science, Karnataka.*
13. *State Level Webinar A Brief Survey on Selected topics on Real Analysis and Geometry on 08.07.2021 at Fakir Chand College, West Bengal.*
14. *One day National Level Webinar on 'An Introduction to Linear Regression Models : Using R " on 15.07.2021 at Shree Khasgatesh College of Arts, Commerce and Science, Karnataka.*
15. *National webinar on "Mathematician Enroute to Data Analytics and Machine Learning" on 15.09.2021 at Voorhees College, Vellore.*
16. *National Webinar on " Recent Advances in Mathematical Science " on 29<sup>th</sup> to 30<sup>th</sup> Sep 2021 at Maharaja Bir Bikram University.*
17. *27th International Conference of International Academy of Physical Sciences (CONIAPS XXVII) on "Recent Advances in Pure and Applied Algebra" on 26<sup>th</sup> to 28<sup>th</sup> Oct 2021 at NIT. Jamshedpur.*
18. *National Webinar on "Write Research Article Using LaTeX " on 27<sup>th</sup> to 28<sup>th</sup> Dec 2021 at Aditya College of Engineering, Andhra Pradesh.*

### **Workshops:**

1. *Online workshop on Mathematical sciences for UGC - CSIR / NET /SET /GATES on 11<sup>th</sup> to 15<sup>th</sup> May 2020 at Sree Narayana Guru College, Coimbatore.*
2. *Online workshop on "Scientific writing for journals" on 20.05.2020 at Springer Nature.*
3. *National level Online Workshop on "Research Methodology " on 14<sup>th</sup> to 16<sup>th</sup> June 2021 at Christian Eminent College, Indore.*
4. *Online Workshop on "Role of Technology and Specific Tools in Research on 28<sup>th</sup> June to 03<sup>th</sup> July 2021 at SGT University, Delhi –NCR.*
5. *National E-Workshop on the theme " Learn Physics and Mathematics Practically" on 17.08.2021 at S. Government College of Science Education and Research, Jagraon.*
6. *2nd National workshop on open source Mathematics Software and its applications on 23<sup>th</sup> to 24<sup>th</sup> Oct 2021 at SPIHER, Chennai.*

7. *Online Workshop on "The Usages Application of Reaxys Database" on 27<sup>th</sup> to 28<sup>th</sup> Jan 2022 at SGT University, Delhi –NCR.*
8. *Online Workshop on "ChemDraw & chem sketch software learning " on 28<sup>th</sup> to 29<sup>th</sup> Jan 2022 at SGT University, Delhi –NCR.*
9. *One Week International Workshop on " Numerical Analysis of Ordinary and Fractional Partial Differential Equations" on December 27 to 31, 2022 at Government Tilak PG College, Katni, MP, India.*
10. *Two Week International Workshop on " Value Added Course on Writing Research Paper in LaTeX " on 31st October - 12th November, 2022 at Govt. V. Y. T. PG. Autonomous College, Durg (C.G).*

**FDP:**

1. *Online FDP on "Innovative Approaches in Mathematics-Lecture Series on 30<sup>th</sup> April to 01<sup>st</sup> Jan 2020 at Sree Saraswathi Thyagaraja College, Pollachi.*
2. *National level online interdisciplinary FDP on "Inclusive Indian traditions for a holistic global education" on 03<sup>th</sup> to 09<sup>th</sup> May 2020 at Coimbatore.*
3. *FDP on Teaching , Learning and Evaluation through Google classroom " on 13.05.2020 at Sri. G.V.G Visalakshi College for women, Udumalpet.*
4. *Three day FDP on " Statistics through R- Programming on 26<sup>th</sup> to 28<sup>th</sup> May 2020 at KPRIET, Coimbatore.*
5. *National FDP on "Aspects of Research Paper Writing " on 25<sup>th</sup> to 26<sup>th</sup> June 2021 at Khandelwal Vaish Girls Institute of Technology, Jaipur.*
6. *Lecture Series for Undergraduate Students Mathematics : Core Topics of Algebra and Analysis on 2<sup>th</sup> to 7<sup>th</sup> Aug 2021 at Uttarakhand Science Education and Research Centre, Uttarakhand.*
7. *Two week International FDP on "Research Perspectives in Mathematics and its Applications" on July 4 to July 16 2022 at Sathyabama Institute of Science and Technology, Chennai.*
8. *One week International FDP on " Innovative Mathematical Techniques in Research " on 1<sup>st</sup> to 6<sup>st</sup> Aug 2022 at Sathyabama Institute of Science and Technology, Chennai.*
9. *Two Week Online International FDP on "Current Trends in Applications of Mathematics", organized by the Department of Mathematics, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Avadi, Chennai- 62, from 21-09-2022 to 04-10-2022.*

10. *One Week FDP on "Recent Trends in Mathematics and its Applications organized by AICTE–Skill" on 06.02.2023 to 11.02.2023 at Sathyabama Institute of Science and Technology, Chennai.*
11. *One Week FDP on "Applied Statistical Methods for Research" organized by Division of Mathematics, School of Advanced Sciences during 3 – 7 April 2023 at Vellore Institute of Technology, Chennai.*
12. *One Week FDP on "Recent Trends In Graph Theory" organized by Division of Mathematics, School of Advanced Sciences during 8 – 12 May 2023 at Vellore Institute of Technology, Chennai.*
13. *Fifteen Days International Virtual FDP "Frontiers of Mathematics" organized by SRM Institute of Science and Technology, Chennai, from 5-19 July 2023.*