

## Sri Sai Ram Engineering College

### Department Of Humanities And Sciences

<i>Name :</i> <b>U. MANIKANDAN</b>	
<i>Designation :</i>	<i>Assistant Professor (Grade – III)</i>
<i>Qualification :</i>	<i>M.Sc., M.Phil., SET Qualified, Ph.D(doing)</i>
<i>Area of Specialisation</i>	<i>Chemistry</i>
<i>Experience :</i>	<i>Teaching : UG : 12 years 3 months</i>
	<i>Industry : Nil</i>
<i>No. of Workshop/Conferences/ Seminars / FDP attended</i>	<i>14</i>
<i>Publication :</i>	<i>Journal</i> <i>International : 1</i> <i>National : Nil</i>
	<i>Conference</i> <i>International : Nil</i> <i>National : Nil</i>
<i>Research Guidance :</i>	<i>Nil</i>
<i>General :</i>	<ul style="list-style-type: none"><li>● <i>ISO 9001:2008 Quality Management System and Audit Training.</i></li><li>● <i>ISO 9001:2015 Quality Management System and Audit Training.</i></li></ul>
<i>Staff Achievements :</i>	<b>100 %</b> <i>results in Engineering Chemistry - I, Engineering Chemistry - II and Environmental science and Engineering.</i>

**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	Chemistry	2008	Rajah Serfoji Government College	Bharathidasan University	70.39%	I
PG	M.Sc	Chemistry	2010	School of chemistry	Bharathidasan University	6.71 CGPA	I
M.Phil	M.Phil	Chemistry	2011	Loyola College	University of Madras	6.99 CGPA	I
Ph.D	Ph.D	Organic Chemistry	Doing	Sri Sairam Engineering College	Anna University		

**Academic Experience**

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
New Prince Shri Bhavani College of Engineering & Technology	Lecturer	14.10.2011	01.06.2012	-	7	18
Sri Sai Ram Engineering college	Assistant Professor	02.06.2012	Till date	11	8	0
<b>Total</b>				<b>12</b>	<b>3</b>	<b>18</b>

**Conferences / Seminars / Workshops / FDP:**

1. Workshop on "Probing electronic states in molecules and molecular materials" held on 24<sup>th</sup> – 27<sup>th</sup> September 2008.
2. Lecture workshop on "Frontiers in bioinorganic chemistry" held on 25<sup>th</sup> – 27<sup>th</sup> February 2010.
3. "Entrepreneurship summit – 2013" held on 8<sup>th</sup> – 10<sup>th</sup> January 2013.
4. National seminar on "Recent trends in laser spectroscopy and its applications" held on 17<sup>th</sup> October 2013.
5. National seminar on "Environmental issues and sustainable development" held on 11<sup>th</sup> – 12<sup>th</sup> November 2013.

6. *National conference on “Current trends in energy conversion devices and environment” held on 22<sup>nd</sup> – 23<sup>rd</sup> February 2019.*
7. *Faculty development program on “Stress management” held on 8<sup>th</sup> -9<sup>th</sup> May 2019.*
8. *Faculty development training program on “Student induction program (level – 0)” held on 13<sup>th</sup> -15<sup>th</sup> May 2019 at CEG Campus, Anna University.*
9. *Faculty development training program on “Student induction program (level – 1)” held on 10<sup>th</sup> -16<sup>th</sup> June 2019 at CEG Campus, Anna University.*
10. *Faculty development training program on “Student induction program (level – 2)” held on 15<sup>th</sup> -17<sup>th</sup> November 2019 at IIIT Hyderabad.*
11. *Faculty development training program on “Student induction program (Online)” held on 26<sup>th</sup> - 30<sup>th</sup> October 2020 conducted by AICTE.*
12. *Faculty development training program on “Productivity enhancement” held on 3<sup>rd</sup> – 7<sup>th</sup> November 2020 at NIT Warangal (Online)*
13. *Faculty development training program on “Leadership & Excellence” held on 23<sup>rd</sup> – 27<sup>th</sup> November 2020 at NIT Tiruchirappalli (Online)*

#### **Journals - International and National papers published:**

1. *Jeya Rajendran, T. Lekshmana Thanulingam, A. Meisudar and U. Manikandan, “Decomposition Kinetics of Pyrotechnic Mixture from Sound-Producing Fire Crackers”, Journal of Pyrotechnics, Issue 31, 2012, pp. 34 - 48.*

#### **Online Courses:**

1. *Cognitive Class: Big Data, 3<sup>rd</sup> April 2020.*
2. *Coursera: Introduction to Molecular spectroscopy, 12<sup>th</sup> May 2020.*
3. *Coursera: Covid 19 - What you need to know, 17<sup>th</sup> May 2020.*
4. *Coursera: The Sustainable development Goals – A global, trans disciplinary vision for the future, 31<sup>st</sup> July 2020.*

#### **NITTTR Courses:**

1. *Module: 1 - Orientation towards Technical Education and Curriculum Aspects, February 2023.*
2. *Module: 2 - Professional Ethics & Sustainability, February 2023.*
3. *Module: 3 - Communication Skills, Modes and Knowledge Dissemination, September 2021.*
4. *Module: 4 - Instructional Planning and Delivery, February 2023.*

5. *Module: 5 - Technology Enabled Learning & Life Long Self Learning, July 2022.*
6. *Module: 6 - Student Assessment and Evaluation, February 2023.*
7. *Module: 7 - Creative Problem Solving, Innovation and Meaningful R&D, February 2023.*
8. *Module: 8 - Institutional Management & Administrative Procedures, February 2023.*

**NPTEL Courses:**

1. *Organic Chemistry in Biology and Drug Development, Jul-Oct 2023.*
2. *Transition Metal Organometallic Chemistry: Principles to Applications, Jul-Oct 2023.*