


<b>Name:</b>	<b>Photo</b>			
				
<b>Designation:</b>	Associate Professor			
<b>Qualification:</b>	M.Sc., M. Phil., Ph.D.			
<b>Area of specialization:</b>	Synthetic Organic Chemistry			
<b>Experience:</b>	<b>Industrial Experience</b>		<b>Teaching Experience</b>	
	4 years 1 month		13 Years	
<b>Number of workshops / FDP attended:</b>	<b>Number of Workshops</b>		<b>Number of FDPs</b>	
	4		7	
<b>Publications:</b>	<b>Conference</b>		<b>Journal</b>	
	<b>National</b>	<b>International</b>	<b>National</b>	<b>International</b>
	2	4	-	4
<b>Books / Book Chapters</b>	3			
<b>Patents:</b>	<b>National</b>		<b>International</b>	
	7		-	
<b>Professional Body Membership</b>	IEEE, ISTE			
<b>Staff Achievements</b>	<ul style="list-style-type: none"> <li>● <i>Life Member of ISTE and Senior member of IEEE.</i></li> <li>● <i>Certified internal auditor of ISO 9001:2015 Quality Management System and Audit Training.</i></li> <li>● <i>Consecutively attended 9 years of NSS CAMP from 2011 -2022 and motivated the students.</i></li> <li>● <i>YRC Program Officer since 2020.</i></li> </ul>			

**Educational Qualifications:**

## Academic Experience:

Name of the College	Degree	Specialization	Designation	Joining Date	Relieving Date	Name of the University	Experience		
							Years	Months / Grades obtained	Days / Class obtained
Sri Sai Ram College	Engineering	Assistant Professor	22.06.2011	31.08.2024	University	13			
UG	B.Sc.	Associate Professor	2002	09.2024	St. Joseph's College Till date Madras University	7.5%	19	I	
PG M.Phil.	M.Sc.	Chemistry	2004		St. Joseph's College Madras University	4.67%	26	I	
	M.Phil.	Chemistry	2008		St. Joseph's College Bharathidasan University	62%		II	
Ph.D.	Ph.D.	Organic Chemistry	Completed		Bharathiar University Bharathiar University	NA			

## Industrial Experience:

Name of the College	Designation	Nature of work	Joining Date	Relieving Date	Experience		
					Years	Months	Days
Biocon Ltd Bangalore	Research Associate	R&D	02.05.2007	16.06.2011	4	1	-
<b>Total</b>					<b>4</b>	<b>1</b>	<b>-</b>

## Workshops/Seminars attended:

### Workshops:

1. Attended a National level Workshop on **Advancements in chemical sciences** conducted by department of chemistry at Sri Sairam Institute of Technology on 18<sup>th</sup> July 2016.
2. National seminar on **"Environmental issues and sustainable Development"** held in November 2013 at Sri Sairam Engineering college.
3. National seminar on **"Recent trends in Laser Spectroscopy and its applications"** held in October 2013 at Sri Sairam Engineering college.
4. Workshop on **"Art of journal and thesis writing"** held on 19<sup>th</sup> January 2012 at Sri Sairam Engineering College.

### FDP:

1. Attended a webinar on **"Teacher's E-Kit: A Four Quadrant Approach for Development of OERs for Higher Education"** organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi held on **09th September 2021**.
2. Attended a webinar on **"Yoga-Boosting our Immunity"** organized by SIR THEAGARAJA COLLEGE, held on **18th September 2021**.
3. Attended a National level FDP on **"Outcomes-based Teaching, Assessments and Evaluation"** organized by **Inpods Ed - tech**, held on **17.09.2021**.

4. Attended 5 Days ATAL Faculty Development programme on "Renewable Energy for Industry & Domestic Applications" organized by **Jawaharlal Nehru Technological University Anantapur College of Engineering, Pulivendula** held from **06.09.21 to 10.09.21**.
5. Attended 5 Days Faculty Development programme on "Current Technology in Chemistry" organized by **Easwari Engineering College, Chennai** held from **23.08.21 to 27.08.21**.
6. Attended 6 Days Faculty Development programme on "Working culture for Professionals", conducted by **SRI SAIRAM ENGINEERING COLLEGE**, held from **11<sup>th</sup> to 16<sup>th</sup> November 2019**.
7. Attended 3 Days Faculty Development programme on "Infrared Spectroscopy for Pollution Monitoring, conducted by **The Ministry of HRD, Govt. of India** online NPTEL – AICTE Course, **1<sup>st</sup> to 3<sup>rd</sup> October 2018**.

### Conferences:

1. Presented a paper on, "**Novel Chalcone Derivatives their Spectral characterization and antimicrobial studies**" in INTERNATIONAL CONFERENCE ON INSTIGATING RESEARCH IN MATERIALS, ENERGY AND ENVIRONMENT (ICIRMEE)-2021" ,organized by Easwari Engineering College, Ramapuram, Chennai, October 6-7, 2021.
2. Presented a paper on, "**Synthesis, Spectral characterization and pharmacological studies of some Novel Chalcone Derivatives**" in International conference on "CHEMICAL RESEARCH FOR SUSTAINABLE DEVELOPMENT (ICCRSD-2021)" organized by SRM Institute of Science and Technology, Ramapuram campus, Chennai, September 24-25, 2021.
3. Presented a paper in the International Conference on "Recent Trends in Science & Technology" held at GKM College of Engineering and Technology, Chennai on 20th April, 2018.
4. Presented a paper on, "Synthesis, Characterization and Biological studies of some Novel Substituted Chalcones" **International conference on Science, Engineering and Technology**, May 2-3, 2017 organized by **VIT, Vellore**.
5. Presented a paper on "Synthesis, Characterization and Biological studies of some Novel Chalcone Derivatives" in 3<sup>rd</sup> national level seminar on "The concepts of green chemistry" March 27, 2017 organized by Department of Chemistry, **Valliammi Engineering College, Chennai**.
6. 2<sup>nd</sup> National Seminar on the "**Concepts of Green Chemistry**" (NSCGC-2015) on 18.04.2015 at Valliammai Engineering College, Kattankulathur.

### Patent:

Publication Number : **2022241065250** Topic :Magnetic spinel ferrite nanoparticles for targeted drug delivery of cytotoxic drugs in disease treatment, Publication Date : **14.11.2022**.

Publication Number: **202341026487 A** Topic: Synthesis, Characterization and anticancer activity of n'-(2-amino-1,3- thiazole-4-carbonyl)-6-hydrox, Publication Date: **05.05.2023**.

Publication Number: **202341026697 A** Topic: Synthesis, Characterization, Nlo, antidiabetic, anticancer and antibiotic character of (e)-n,n'-(4-(((5-chloropyridin-2-yl)imino)(phenyl)methyl)-1,2-phenylene)bis(6-chloro nicotinamide), Publication Date : **05.05.2023**.

Publication Number: **202341026704** A Topic: Synthesis, characterization antidiabetic and anticancer activity of 2-[(z)-({5-[5-methyl-1,2-oxazol-3-yl] amino} pyridin-2-yl)imino)methyl]phenol rare metal (pr<sup>3+</sup>, nd<sup>3+</sup>, sm<sup>3+</sup>) complexes, Publication Date : **05.05.2023**.

Publication Number: **202441040939** A Topic: Synthesis and antimicrobial activity of novel substituted n-(4-{1s}-3-oxo-1-[(pyridin-4 yl) amino]bu, Publication Date : **31.05.2024**.

Publication Number: **202441040949** A Topic: Synthesis and anticancer activity of novel substituted (3z)- 5-bromo-3-{2z}-[(2-hydroxy-5-{(e)-[(pipe, Publication Date : **31.05.2024**.

Publication Number: **202441040957** A Topic: Synthesis and anticancer activity of novel substituted heterocyclic carbazole imines and metal complex, Publication Date: **31.05.2024**.

## Journal Publications:

### International:

1. A. Kishore babu, **K. Selvaraju**, "Design, synthesis, characterization, and antimicrobial studies of novel 1, 3, 5-Trisubstituted Pyrazoline derivatives" **NeuroQuantology, Volume20, Issue 10, 3277-3294, August 2022**.
2. A. Kishore babu, **K. Selvaraju**, "Synthesis, biological evaluation and docking studies of novel chalcone derivatives as antimicrobial agents", **Materials Today: Proceedings, Vol.48, 382-386, 2022**.
3. A. Kishore babu, **K. Selvaraju**, "Synthesis and characterization of some novel chalcone derivatives", **Rasayan Journal of chemistry, Vol.11, No.4, 1501-1505, 2018**.
4. K. Selvaraju\*& A. Kishore babu Synthesis, "Spectral and Conformational studies of some Nacyl-t(3)-methyl-r(2),c(6)-bis- (2'-furyl)piperidin-4-ones" Vol.8, No.7, pp 363-372, 2015.

### Books/Book chapter

1. *Chemical and Biological Significance of Chalcones and its Derivatives-* Mr. A. Kishore Babu, Dr. M.K. Raman and Dr. K. Selvaraju **CHALLENGES AND OPPORTUNITIES IN NEW GLOBAL BUSINESS, SCIENCE AND TECHNOLOGY. ISBN: 978-81-958752-6-9**
2. *TREATMENT OF TEXTILE DYES BY SUSTAINABLE METHOD – AN ADSORPTION WITH NATURAL MATERIALS* Dr. M.K. RAMAN Dr. K. SELVARAJU Mr. A. KISHORE BABU Mr. M.J. RAMASWAMY. **CHALLENGES AND OPPORTUNITIES IN NEW GLOBAL BUSINESS, SCIENCE AND TECHNOLOGY. ISBN: 978-81-958752-6-9**
3. *CONFORMATIONAL STUDIES OF N-ACYL-PIPERIDIN-4-ONES* Dr. K. Selvaraju, Mr. A. Kishore Babu, Dr. M.K. Raman. **NEW GLOBAL BUSINESS, SCIENCE AND TECHNOLOGY. ISBN: 978-81-958752-6-9**

### Online Courses:

1. Successfully completed "Global Warming and its related concepts" (Udemy) on September 15th, 2021.
2. Successfully completed "E-waste Management" (Udemy) on September 15th, 2021.
3. Successfully completed "Municipal solid waste Management in Developing countries" (Coursera) on 22.06.2020.

4. *Successfully completed "Science of Exercises" (Coursera) on 07.06.2020.*
5. *Successfully completed "Air pollution---- a Global threat to our health" (Coursera) on 20.05.2020.*
6. *Successfully completed "Diabetis the essential facts" (Coursera) on 15.05.2020.*
7. *Successfully completed "Create your first python programming" (Coursera) on 15.05.2020.*