

Name: Dr A Kishore Babu	Photo 			
Designation:	Associate Professor			
Qualification:	M.Sc., M. Phil., Ph.D.			
Area of specialization:	Synthetic Organic Chemistry			
Experience:	Industrial Experience		Teaching Experience	
	4 years 1 month		14 Years	
Number of workshops / FDP attended:	Number of Workshops		Number of FDPs	
	4		19	
Publications:	Conference		Journal	
	National	International	National	International
	2	5	-	6
Books / Book Chapters	3			
Patents:	National		International	
	7		-	
Professional Body Membership	IEEE, ISTE			
Staff Achievements	<ul style="list-style-type: none"> ● Life Member of ISTE and Senior member of IEEE. ● Certified internal auditor of ISO 9001:2015 Quality Management System and Audit Training. ● Consecutively attended 12 years of NSS CAMP from 2011 -2022 and motivated the students. ● YRC Program Officer since 2020. 			

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	2002	St. Joseph's College	Madras University	74.5%	I
PG M.Phil.	M.Sc.	Chemistry	2004	St. Joseph's College	Madras University	67%	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	

Educational Qualifications:

Academic Experience:

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Sri SaiRam Engineering College	Assistant Professor	22.06.2011	14.02.2026	15	07	22
	Associate Professor	01.09.2024	Till date	-	02	19
Total				15	10	11

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	-
Total					4	1	-

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 18th 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 19th January 2012 at Sri Sairam Engineering College.

FDP:

1. Attended 7 Days FDP on “**Foundations of Rubber Science, Technology and Manufacturing**”, organized by **NPTEL**, Chennai held from **July-Oct 2025**.
2. Attended 7 Days FDP on “**Polymer: Concepts, Properties, Uses and Sustainability**”, organized by **NPTEL**, Chennai held from **July-Oct 2025**.
3. Attended 7 Days FDP on “**Sustainable Engineering Concepts and Life Cycle Analysis**”, organized by **NPTEL**, Chennai held from **Aug-Oct 2024**.
4. Attended 5 Days FDP on “**Advanced Nanomaterials and their applications**” organized by **VIT, Chennai**, Chennai held from **June 24-28, 2024**.
5. Attended 5 Days FDP on “**Latest Trends in Additive Manufacturing**” organized by **DR. MGR Educational and Research Institute**, Chennai held from **June 03-07, 2024**.
6. Attended 7 Days FDP on “**Introductory Organic Chemistry II**” organized by **NPTEL**, Chennai held from **Aug-Oct 2023**.
7. Attended 7 Days FDP on “**Air Pollution and Control**” organized by **NPTEL**, Chennai held from **Jan-April 2024**.
8. Attended 7 Days FDP on “**Applied Environmental Microbiology**” organized by **NPTEL**, Chennai held from **Jan-April 2024**.
9. Attended 7 Days FDP on “**Innovative teaching strategies and tools in the digital age**” organized by **SCOREWELL**, **May 20 - 26, 2024**.
10. Attended 7 Days FDP on “**Recent research developments in Chemistry**” organized by **Easwari Engineering College**, Chennai held from **July 27 - 29, 2024**.
11. Attended 5 Days Faculty Development programme on “**Universal Human Values**” organized by **All India Council for Technical Institution** at **Sri Sairam Engineering College, Chennai** held from **26.07.22 to 30.07.22**.
12. Attended 5 Days Faculty Development programme on “**Inpod’s faculty development program on advanced concepts of outcome based education**” organized by **Inpod’s India Private Limited, Pune** held from **04.04.22 to 08.04.22**.
13. Attended a National level FDP on “**Outcomes-based Teaching, Assessments and Evaluation**” organized by **Inpods Ed - tech**, held on **17.09.2021**.
14. 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**.
15. 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**.
16. 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.**

17. Attended a webinar on "Yoga-Boosting our Immunity" organized by SIR THEAGARAJA COLLEGE, **held on 18th September 2021.**
18. Attended 6 Days Faculty Development programme on "Working culture for Professionals", conducted by **SRI SAIRAM ENGINEERING COLLEGE**, held from **11th to 16th November 2019.**
19. 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, **1st to 3rd October 2018.**

Conferences:

1. Attended an International Conference on "Bridging Science, Humanities and Management for Global Innovation" conducted during **16 th July 2025** at **Peri Institute of Technology, Chennai.**
2. 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.**
3. Presented a paper on, "**Synthesis, Spectral characterization and pharmacological studies of some Novel Chalcone Derivatives**" in the 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.**
4. 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.
5. 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.**
6. Presented a paper on "Synthesis, Characterization and Biological studies of some Novel Chalcone Derivatives" in 3rd national level seminar on "The concepts of green chemistry" March 27, **2017** organized by Department of Chemistry, **Valliammi Engineering College**, Chennai.
7. 2nd National Seminar on the "**Concepts of Green Chemistry**" (NSCGC-2015) on 18.04.2015 at Valliammai Engineering College, Kattankulathur.

Patent:

1. Publication Number: **2022241065250** Topic: Magnetic spinel ferrite nanoparticles for targeted drug delivery of cytotoxic drugs in disease treatment, Publication Date: **14.11.2022.**
2. 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.**
3. 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.**

4. 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 (pr³⁺, nd³⁺, sm³⁺) complexes, Publication Date : **05.05.2023**.
5. Publication Number: **202441040939** A Topic: Synthesis and antimicrobial activity of novel substituted n-(4-{1s)-3-oxo-1-[(pyridin-4 yl) amino, Publication Date : **31.05.2024**.
6. 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**.
7. 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**, G.K.Ayyadurai, R. Jayapakash "Synthesis, Characterization, Theoretical and Antimicrobial studies of some substituted Isoxazoline derivatives", **Asian Journal of chemistry**, Vol.37, No.6, 1294-1300, **2025**.
2. **K. Selvaraju**, A. Kishore babu, T.Maruthavanan, G.K. A yyadurai, S.Sathiyamoorthi and Meganathan Chandrasekaran , "Synthesis, Conformational and Docking studies of Furyl substituted Heterocyclic compounds", **Rasayan Journal of chemistry**, Vol.18, No.1, 438-443, **2025**.
3. 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**.
4. 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**.
5. A. Kishore babu, **K. Selvaraju**, "Synthesis and characterization of some novel chalcone derivatives", **Rasayan Journal of chemistry**, Vol.11, No.4, 1501-1505, **2018**.
6. 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.