

KR SHADAKSHARA MURTHY

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Education

Sl. No.	Degree	Year	Institute	Specialization
1	BE	1989	MVJ College of Engineering, Bengaluru	Chemical Engg
2	M.Tech	1991	Coimbatore Institute of Technology, Coimbatore, TN	Chemical Engg

Professional Experience

	Date (from-to)	Designation	Organization
1	1.5.2011 to till date	Associate Professor	SIT, Tumkur
2	10.03.2005 to 31.04.2011	Assistant Professor	SIT, Tumkur
3	11.02.2000 to 09.03.2000	Senior Lecturer	SIT, Tumkur
4	30.09.1994 to 10.02.2000	Lecturer	SIT, Tumkur
5	08.11.1993 to 15.07.1994	Lecturer(Temp)	SIT, Tumkur

Positions held

Head of the Department

Affiliations of Professional organizations

- Indian society for Technical Education-Life member
- Indian Institute of Chemical Engineers-Life Associate member

Courses Taught**Undergraduate Courses**

- Chemical Reaction Engineering
- Heterogeneous Reaction Systems
- Industrial safety Engineering
- Food Engineering
- Biology for Engineers
- Environmental Studies
- Indian Knowledge system

Postgraduate Courses

- Advanced Reaction Engineering

Research Areas

- Nanotechnology.
- Bioremediation.

Publications

Journals

- Synthesis, spectral features, electronic structure studies, and molecular docking analysis of a Schiffbase (E)-1-(4-chlorophenyl)-N-(nitrophenyl)methanimine from 4-chloroaniline and 2-nitrobenzaldehyde, Diya E.P.;Unni M.;Rajimon K.J.;Elangovan N.;Murthy K.R.S.;Thomas R, Article Vietnam Journal of Chemistry, Year 2023 DOI:10.1002/vjch.202300001
- Spectroscopic, Computational(DFT), Quantum mechanical studies and protein-ligand interaction of Schiff base 6,6-((1,2-phenylenebis(azaneylylidene))bis(methaneylylidene))bis(2-methoxyphenol) from o-phenylenediamine and 3- methoxysalicylaldehyde, Ganesan T.S.;Elangovan N.;Vanmathi V.;Sowrirajan S.;Chandrasekar S.;Murthy K.R.S.;Thomas R.
- Microwave-assisted esterification and transesterification of dairy scum oil for biodiesel production: kinetics and optimisation studies, Binnal P.;Amruth A.;Basawaraj M.P.;Chethan T.S.;Murthy K.R.S.;Rajashekhara S, Article Journal of the Indian Chemical Society, Volume 99, Year 2022, DOI:10.1016/j.jics.2022.100713

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