

PROFILE

Name	Dr. Ravi Shankar
Position & Affiliation	Associate Professor
Areas of Interest	Polymer Nano Composites
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LinkedIn ID	https://www.linkedin.com/in/ravi-shankar-bb94551b0
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Vidwan ID	270468
Scopus ID	57577232400
Professional Webpage (if any)	NO

Educational Qualifications:

Ph.D	VTU	India	2018
MSc	Bangalore University	India	1999
BSc	Bangalore University	India	1997

Areas of Research:

Polymer Nano composites, Corrosion, Opto Magnetic polymers

Brief Profile: Dr. Ravi Shankar is an Associate Professor in the Department of Chemistry at Cambridge Institute of Technology. He earned his PhD in Chemistry from Visvesvaraya Technological University (2018).

He started his career in 1999 and has taught Engineering Chemistry common to all branches, Technical Chemistry for Chemical Engineering students and also taught Environmental studies for BE students.

He has seven Research Papers at International journals & 05 Papers presented in International conference. Applied for one National patent, completed one DRDO sponsored Project on Epoxy Clay Nano composites.

He has participated in various workshops and faculty development programs held by various colleges. He has conducted ATAL FTP on “Advanced Polymers for Energy Conversion” and AICTE sponsored

international conference on “Nano Composites for Aero Space Applications”. VGST FDP on Nano composites for Naval Engineering. He is working as NSS programme officer and Unnat Bharat Abhiyan ” coordinator and received around Two lakhs grant from Govt of India for conducting activities.

he has around 25 years of teaching experience and is associated with Cambridge Institute of Technology from 2018.

Add about setting up labs and consultancy

Li Battery recycling Lab

Guiding students at various levels (BE, MTech and PhD)

He has guided two Chemical and Electrical Engineering students for BE Projects one student doing PhD under his guidance.

Awards/Achievements/Others: Best Teacher Award-2023

Courses Taught: Engineering chemistry, Technical Chemistry, Environmental studies

Publications/Patents:

Publications

1. “Recent Advances in Cationic Aqueous Epoxy Nan compositions and their electro deposition” by-, Ravishankar, Dr.A.K.Shukla Dr. RMVGK Rao, Presented at the IVth International conference on “Colloid Chemistry and physico-chemical Mechanics (IC PCM-2013) held at Moscow State University, Russia from 30th June-05th July’2013
2. “Advances in Processing of Epoxy Nano- composites by electrophoretic deposition Emerging trends”, By- Ravishankar, Dr.A.K.Shukla, Dr. RMVGK Rao, Presented/Proceedings of ISAMPE National Conference on Composites -INCCOM-11, held on 02-03, Nov.2012, Amrita Vishwa Vidyapeetham, Coimbatore.
3. Recent Advances In Cationic Aqueous Epoxy Nano compositions Containing Alumina And Their Electrodeposition International Journal of Engineering Science & Research Technology, Feb-2018, Page 355-364.
4. A Novel Method In The Processing Of Epoxy Nano Composites By Electrophoretic Deposition IJASRM, Vol-3, Issue-1, Jan 2018, Page-55-60
5. Studies on the corrosion behaviour of aluminium 2014/ albite metal matrix composites,2021 JETIR May 2021, Volume 8, Issue 5, (ISSN-2349-5162)
6. Studies on the stress corrosion behaviour of aluminium 6061 / red mud metal matrix composites" Materials Today: Proceedings, Volume 59P1, 2022, Pages 1225-1230

	7. Synthesis of Nano Zirconia and Nano Silica Reinforced in Epoxy Resin and Polyurethane Blend Composite, High Technology letters, Vol-29, Issue-1, Jan-2023
Patents	<p>1. Patent filed “Process for water dispersible cationic epoxy poly-electrolyte & EPDof epoxy NC coatings”, by- Dr.A.K.Shukla, Ravishankar, Dr. RMVGK Rao, Patentappl. No.4566/CHE/2012, dated 01.11.2012, Intellectual Property India, Patent Office,Chennai</p> <p>2. An apparatus and method for blood clot detection using non-invasive method Patentapplication number: 202141051332</p> <p>3. Method for preparing an aromatic polyester with reduced graphene oxide composite,Application No -.20214103861</p>
Book/Book Chapters	Nil
Research and Consultancy: Nil	