

Faculty	Dr. Sushant S Kakati Associate Professor Department of Physics East Point College of Engineering & Technology.																									
	✓ He is an Associate Professor in the Department of Physics at East Point College of Engineering and Technology, Bangalore, with over 11 years of research and teaching experience. His academic journey includes a Ph.D. in Physics (VTU, Belagavi), specializing in Materials Science and Nanoferrites, particularly focusing on “Structural, Electrical, Magnetic and Microwave Characterization of Ferroic Composites.” ✓ He has published extensively in reputed journals such as Wiley, Springer, and Elsevier, with 79 citations, an h-index of 5, and an i10 index of 2. His contributions include book chapters, international journal papers, and conference presentations in the areas of nanomaterials, ferrites, and composite materials. ✓ He has also completed several Coursera certifications from top universities including the University of Edinburgh, University of California (Davis), and University of Hong Kong, covering topics in physics, materials science, and nanotechnology.																									
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Journals

Sl. No.	Author(s)	Titleofthepaper	Journal	Vol	Issue	Page No.	Year
1)	SushantS.K. , M.K. Rendale, S.N.Mathad, T.M.Makandar	Soft-HardFerrite CompositesbyGreen Synthesis:Structuraland MagneticProperties	Physicsand ChemistryofSolidState				2025
2)	Raghavendra Bakale,Santosh SPawar, SushantSK , ShridharN Mathad, ShivalingsarjV Desai, BeerappaS Maranurand AbhishekS Devarushi;	RemovalofHeavy MetalsfromIndustrialEffluent usingElectrogravimetricTechnique	AcademicJournalof EngineeringStudies	4	5		2025
3)	Kolekar,RY; Kapatkar,SB; Kakati, SushantS; Mathad,SN;	Impactof Magnesiumon Structuraland MorphologicalStudyof Co–ZnFerrites	InternationalJournal ofSelf-Propagating High-Temperature Synthesis	33	1	58-66	2024
4)	Tandel R.C, Sunitha,BagalS, Kamat C, KotekarS,Naik S, Patil S, KakatiS , MathadS.N, ShirgaonkarD.B,PatilR.K, Rendale	TailoredSynergy: Synthesisand In-Depth Structural Analysis of [Ni_{0.2}Cu_{0.3}CO_{0.5}Fe₂O₄]+ (1-x)[Ba_{0.7}St_{0.3}TiO₃] Composites	Nanomedicine& NanotechnologyOpenAccess	9	1		2024
5)	AnkitaPatil, PoojaSudi, AwinashAwati, SushantKakati , S N Mathad, A S Pujar,Shishir Patil, S V Angadi, C S Hiremath,LD Horakeri, R B Pujar,Shweta GMand SindhuS	Optimizing StructuralandMechanical Properties of Cobalt Ferritewith Magnesium DopingviaSolid State Route	JuniperOnline JournalMaterialScience	8	5		2024
6)	A.T.Pathan,A. M.Shaikh, SushantS.K. , ShridharN. Mathad;	Effect of synthesis methods and comparative study of structural propertiesofmicroand nanoFerrites	PHYSICSAND CHEMISTRYOF SOLIDSTATE	24	2023	77-83	2023
7)	SushantS.K. , ShridharN. Mathad,A.T. Pathan, NagabhushanJnaneshwar Choudhari, ShishirPatil, M.K.Rendale;	Development of M–NiFe₂O₄ (Co,Mg, Cu, Zn,andRare EarthMaterials) and theRecent Major Applications	InternationalJournal ofSelf-Propagating High-Temperature Synthesis	32	2	61-116	2023

[illegible]

- **National conference ETCM-I8** held at KLSGIT, Belagavi on 24th February 2018.
- National Conference on "**Recent Advance in Nano Electronics and Material Science**" conducted 12th March 2019 at P C Jabin Science College, Hubballi
- Participated in the online FDP on "**Physics of Materials**" organized by Jain University, Bengaluru from 28th to 30th May 2020.