



KLE Institute of Technology, Hubballi
580027
Faculty Profile


Name: Mr Sushant S Kakati

1.	Educational, professional qualifications, and trainings				
1.1.	Educational Qualification (from highest to basic)				
S.N	Degree	University / College	Discipline	Year of Passing	Class obtained
a)	Ph.D	VTU, Belagavi	Physics	-----	-----
b)	M.Sc	Karnataka University Dharwad	Physics	2014	First Class
c)	B.Ed	KLE's College of Education, Hubballi	Physics, Maths	2012	First Class
d)	B.Sc	H S Kotambri Science College, <i>Hubballi</i>	PMCs	2010	First Class
1.2.	Training programmes attended				
S.N	Subject Area of Training	Organization	Place	Period / Duration	
1.3.	Membership of National and International Professional Bodies/Organisations				
S.N	Name of Professional Body/Organization	Place		Membership Category	
1.4.	Technical Papers/Books Published in National / International Events / Journals				
a)	Papers <ol style="list-style-type: none"> 1. Nagabhushan J C, Sushanth S Kakati, C S Hiremath, Rangappa B Pujar.” Electrical properties of Ni-Mg- Cu nanoferrites synthesized by sucrose precursor technique” Der Pharma Chemica,2015. 2. Nagabhushan J C, Sushanth S Kakati, C S Hiremath, Rangappa B Pujar., Structure dependent electrical properties of Ni-Mg-Cu nano ferrites, AIP Conference Proceedings, 2016. 3. S. Kazi, F. Savanur, S. Kakati, S. Mathad, and P. Jeergal, “Sintering Temperature Dependent Structural and Mechanical Studies of $BaxPb1-xTiO3$ Ferroelectrics,” vol. 12, no. 5pp, p. 4018, 2020, doi: 10.21272/jnep.12(4).04018. 4. S. Kakati, M. K. Rendale, and S. N. Mathad, “Synthesis, Characterization, and Applications of $CoFe_2O_4$ and $M-CoFe_2O_4$ (M = Ni, Zn, Mg, Cd, Cu, RE) Ferrites: A Review,” <i>International Journal of Self-Propagating High-Temperature Synthesis</i> 2021 30:4, vol. 30, no. 4, pp. 189–219, Dec. 2021, doi: 10.3103/S1061386221040038 5. S. Vijaykumar, V. Hiremath, S. Sushant, and S. Mathad, “Synthesis, Characterization and Evaluation of $\delta-Al_2O_3$ Nanoparticles Prepared by Chemical Method with Variation of pH,” vol. 14, no. 4pp, p. 3027, 2022, doi: 10.21272/jnep.14(3).03027. 				

6. K. P. Mudholakar, **S. S. Kakati** *et al.*, “Effect of Sintering condition on Magnetization and Microstructure of Cu_xCo (Fe_2O_4 Ferrites,” *academia.edu*, vol. 9, no. 2, p. 2678, 2022, doi: 10.29294/IJASE.9.2.2022.2678-2685.
7. **S. S. Kakati**, T. M. Makandar, M. K. Rendale, and S. N. Mathad, “Green Synthesis Approach for Nanosized Cobalt Doped Mg–Zn through Citrus Lemon Mediated Sol–Gel Auto Combustion Method,” *International Journal of Self-Propagating High-Temperature Synthesis*, vol. 31, no. 3, pp. 131–137, Sep. 2022, doi: 10.3103/S1061386222030049.
8. K. P. Mudholakar *et al.*, “Effect of Sintering condition on Magnetization and Microstructure of Cu_xCo (Fe_2O_4 Ferrites,” *academia.edu*, vol. 9, no. 2, p. 2678, 2022, doi: 10.29294/IJASE.9.2.2022.2678-2685.
9. **S. K. Sushant**, N. J. Choudhari, S. Patil, M. K. Rendale, S. N. Mathad, and A. T. Pathan, “Development of M–NiFe $2O_4$ (Co, Mg, Cu, Zn, and Rare Earth Materials) and the Recent Major Applications,” *International Journal of Self-Propagating High-Temperature Synthesis* 2023 32:2, vol. 32, no. 2, pp. 61–116, Jun. 2023, doi: 10.3103/S1061386223020061.
10. R. Y. Kolekar, S. B. Kapatkar, **S. S. Kakati**, and S. N. Mathad, “Impact of Magnesium on Structural and Morphological Study of Co–Zn Ferrites,” *International Journal of Self-Propagating High-Temperature Synthesis*, vol. 33, no. 1, pp. 58–66, Mar. 2024, doi: 10.3103/S1061386224010047/FIGURES/6.
11. Tandel R.C, Sunitha, Bagal S, Kamat C, Kotekar S, Naik S, Patil S, **Kakati S**, Mathad S.N, Shirgaonkar D.B, Patil R.K, Rendale M.K, Deshpande SM and Pujar RB. “Tailored Synergy: Synthesis and In-Depth Structural Analysis of $[Ni_{0.2}Cu_{0.3}CO_{0.5}Fe_2O_4] + (1-x)[Ba_{0.7}St_{0.3}TiO_3]$ Composites” *Nanomedicine & Nanotechnology*, 2024.
12. S. S. Tirlapur , **S. S. Kakati** *et al.*, “Nanoparticle synthesis and characterization of Li–Mg–Al ferrites: Potential applications in capacitor and magnetic storage media,” *Nano Studies*, Aug. 2024, doi: 10.52340/NS.2022.23.24.03.
13. **S. S. kakati** *et al* “(PDF) JOJ Material Sci Optimizing Structural and Mechanical Properties of Cobalt Ferrite with Magnesium Doping via Solid State Route.” Accessed: Dec. 04, 2024.
14. G. M. Shweta, Lalsingh Naik, **Sushant Kakati**, Rangappa Pujar, Shridhar Mathad, Deepak Shirgaonkar, A review on antimicrobial properties of nano-ferrites: Biomedical applications. Characterization and Application of Nanomaterials. 2025;8(1): 7509. <https://doi.org/10.24294/can7509>

1.5.	Language skills (ability to)	Speak:	Read / Write
		English	English
		Hindi	Hindi
		Kannada	Kannada
		Marathi	Marathi
5.	Employment Information and Professional Experience till date (provide latest to first).		
5.1.	Employment Information (Provide information in the following order: Job titles, Employer, Dates (from – to), Responsibilities, highlight the work undertaken that best illustrates capability to handle the tasks assigned).		
a)	Job title	Assistant Professor	
	Employer	KLE Institute of Technology, Hubballi	
	Dates (from – to)	February 2019- till date	
	Responsibilities	Member in Madhyam coordinator, Discipline committee, Member in Anti-Ragging Squad, Member in NSS.	
e)	Job title	Assistant Professor	

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	Employer	Jain AGM Institute of Technology, Jamakhandi
	Dates (from – to)	August 2015- 2019
	Responsibilities	First Year coordinator, I.A coordinator, Coordinator for Cultural events, Coordinator for VTU Sem Examination
5.2.	Public Service & Volunteer Work	
a)	Attended CATC/TSC Camp, Belgaum from 22nd June 2008 to 1st July 2008.	
b)	Attended Combined Annual Training Camp at APMC, Amargol, Hubli from 26th September to 5th October 2008.	
c)	Blood Donation (B +ve)	
5.3.	Other professional achievements such as any awards, special skills, etc.	
6.	Any other information	
6.1.	Strengths	Confidence, Patience
7.	General information	
7.1.	Name	Sushant S. Kakati
7.2.	Gender	Male
7.3.	Nationality	Indian
7.4.	Date of birth	10 th September 1989
7.5.	Contact address	H.NO 40, Shree Pavamana , Mayuri garden road, Opp to Nmama Bekari, Hubballi, KARNATAKA, INDIA - 580030
7.6.	Phone / mobile number	9148374273
7.7.	Email	sushantsk949@gmail.com sushantsk949@kleit.ac.in
04/12/2024	Sushant S Kakati	
Date	Full name	Signature