

KLE Institute of Technology, Hubballi 580 027
Faculty Profile



Name: Shridhar N.Mathad

1.	Educational, professional qualifications, and trainings				
1.1.	Educational Qualification				
S.N.	Degree	University / College	Discipline	Year of Passing	Class obtained
a)	Ph.D	Shivaji University, Kolhapur	Physics	2014	
b)	M.Sc	Karnataka University, Dharwad	Physics	2004	First class
c)	B.Sc	P.C.Jabin College of Science, Hubli, (KUD)	Physics, Mathematics & Electronics	2002	Distinction
1.2.	Training programmes attended				
S.N.	Subject Area of Training	Organization	Place	Period / Duration	
a)	National Level Refresher Course on Mathematical Physics	Indian Academy of Science (IISC)	Swami Vivekanand University, Belurmath, Howrah	May 14-26, 2007	
1.3.	Membership of National and International Professional Bodies/Organisations				
S.N.	Name of Professional Body/Organization	Place	Membership Category		
a)	International Society for Research and Development (F3140900595 Fellow member)	London, United Kingdom	Fellow Member (Life time)		
b)	Institute For Engineering Research and Publication (PMIN03698752)	India	Member (Life time)		
c)	International Organization of Scientific Research and Development (E201901041)	India	Fellow Member (2019-23)		
d)	International Association of Engineers (187490)	Hong Kong	Fellow Member (Life time)		
e)	Universal Association of Computer and Electronics Engineers (SNM10100058595 Senior Member)	India	Senior Member (2017-2020)		
1.4.	Technical Papers/Books Published in National / International Events / Journals				
a)	Books				
	[1] S.N.Mathad, "Synthesis, Characterization and Microwave Studies of Thick Films", LAP LAMBERT Academic Publishing Founded in Germany, 2019, ISBN (978-3-659-86275-5)				

Journal Papers

1. Shashidharagowda. H , S. N.Mathad , Shridhar Malladi , Vinod Gubbiveeranna , C G Kusuma and S Nagaraju, Fabrication, microstructure and haemostatic activity of Cu-Zn manganite nano-particles" **Results in Chemistry, Volume 2024, 101841,ISSN 2211-7156,**
<https://doi.org/10.1016/j.rechem.2024.101841>.
2. Raghavendra and Mathad Shridhar, Potential of ZnO Nanoparticles: Exploring Biological Activity and Applications, **Nanomed Nanotechnol** 2024, 9(4): 000323
3. R.P Bakale, S.N Mathad, Sheela A S. The Future of Biomedical Engineering and Biosciences: Current Innovations. **Curr. Trends.Biomedical Eng. & Biosci.** 2024; 23(2): 556107. DOI: 10.19080/CTBEB.2024.23.5560107
4. Shridhar N Mathad, Sheela A Sangam, R.P.Bakale, Meera Gumaste, **Essentials in Biosensors: Unraveling the Fundamentals, Journal of Chemistry Letters (accepted)**
5. A.S. Lakamanahalli, M.G.Hudedmani, G.M. Shweta, Priya Hoskeri, S.N. Mathad, Metamaterials: A Comprehensive Review of Design and Applications, **Int. J. Adv. Sci. Eng.** Vol.11 No.1 3816-3835 (2024) 3816,
<https://doi.org/10.29294/IJASE.11.1.2024.3816-3835>
6. Durgadsimi S.U., Kattimani V.R., Maruti N.S., Kulkarni A.B., Kulkarni K.A., Mathad S.N., Hiremath V.G., Synthesis, structural and electrical studies of Li-Ni-Zn ferrites synthesized by solid state reaction method, **Acta Periodica Technologica**, 2024, 55, 47, 52, <https://doi.org/10.2298/APT2455047D>
7. Sachin S. Tirilapur, Vinut V. Tambe, Sushant S. Kakati, Shridhar N. Mathad, Sangamesh V. Angadi, Deepak B. Shirgaonkar, Appanna S. Pujar, Satyappa L. Galagali, Pundalik R. Jeeragal, Chidanandayya S. Hiremath, Rangappa B. Pujar , "Nanoparticle Synthesis And Characterization Of Li-Mg-Al Ferrites: Potential Applications In Capacitor And Magnetic Storage Media, **Nano Studies**, 2023-2024, 23/24, 39-50, <https://doi.org/10.52340/ns.2022.23.24.03>
8. Ankita Patil, Pooja Sudi, Awinash Awati, Sushant Kakati, S N Mathad, A S Pujar, et al. Optimizing Structural and Mechanical Properties of Cobalt Ferrite with Magnesium Doping via Solid State Route. **JOJ Material Sci.** 2024; 8(5): 555749. DOI: 10.19080/JOJMS.2024.08.555749
9. Bharamagoudar, R.C., Patil, A.S., Mathad, S.N. , Exploring the Influence of Zinc Doping on Nano Ferrites: A Review of Structural, Dielectric, and Magnetic Studies. **Int. J Self-Propag. High-Temp. Synth.**, 33, 165-182 (2024).
<https://doi.org/10.3103/S1061386224700110>
10. Raghavendra Bakale, Sheela Sangam, Deepak B. Shirgaonkar, Shridhar N. Mathad, Progress unveiled: a comprehensive review on non-toxic carbonbased quantum dots - synthesis, unique properties, and diverse applications, **PHYSICS AND CHEMISTRY OF SOLID STATE, V. 25, No. 3 (2024) pp. 528-539, DOI: 10.15330/pcss.25.3.528-539 13.**
11. Sachin S. Tirilapur, Vinut V. Tambe, Sushant S. Kakati, Shridhar N. Mathad, Sangamesh V. Angadi, Deepak B. Shirgaonkar, Appanna S. Pujar, Satyappa L. Galagali, Pundalik R. Jeeragal, Chidanandayya S. Hiremath, Rangappa B. Pujar , "Nanoparticle Synthesis And Characterization Of Li-Mg-Al Ferrites: Potential Applications In Capacitor And Magnetic Storage Media, **Nano Studies**, 2023-2024, 23/24, 39-50,

<https://doi.org/10.52340/ns.2022.23.24.03>

12. Bakale R and Mathad S, Unlocking the Potential of Nanomedicine and Nanotechnology: A New Era of Innovation, *Volume 9 Issue 3, 000315. Nanomedicine & Nanotechnology Open Access ISSN: 2574-187X , DOI: 10.23880/nnoa-16000315,*
13. G.M. Shweta, L.R. Naik, Rangappa B. Pujar, Shridhar N. Matad*, D.M. Chetan, Sahebagouda Jambaladinni, Cobalt, Copper and Magnesium Doped Nickel Zinc Nanoferrites by Solution-Combustion Method: Structural, Antibacterial and Antifungal Properties, **Journal of Metastable and Nanocrystalline Materials** (Volume 39) ,<https://doi.org/10.4028/p-zan6nS>
14. Kashid, Priyanka, Mathad,S.N. "Low Temperature Chemical Synthesis and Investigation of Cadmium Substituted of Structural Properties of Cobalt Nano Ferrites." *Journal of Metastable and Nanocrystalline Materials*, vol. 39, **Trans Tech Publications, Ltd., 3 Apr. 2024, pp. 37–47. Crossref, doi:10.4028/p-sv7exq.**
15. Bharamagoudar, R.C., Patil, A.S. & Mathad, S.N. Exploring Calcium–Zinc Ferrite Nanoparticles: Synthesis, Properties, and Applications. *Phys. Solid State* **66, 71–76 (2024).** <https://doi.org/10.1134/S1063783424600468>
16. Kolekar, R.Y., Kapatkar, S.B., Kakati, S.S. *et al.* Impact of Magnesium on Structural and Morphological Study of Co–Zn Ferrites. *Int. J Self-Propag. High-Temp. Synth.* **33, 58–66 (2024).** <https://doi.org/10.3103/S1061386224010047>
17. Dhaduti, M.S., Hunashyal, A.M., Dhaduti, S.C. *et al.* Assessment of Groundwater Quality of Hubballi City, Karnataka, India by Using Canadian Council of Ministers of the Environment Water Quality Index, Weighted Arithmetic Water Quality Index and Geospatial Techniques. *J. Inst. Eng. India Ser. A* (2024). <https://doi.org/10.1007/s40030-024-00828-y>
18. D.B. Shirgaonkar, M.A. Yewale, D.K. Shin, S.D. Pawar, J.L. Gunjekar, S.N. Mathad, R.J. Deokate, Umesh.T. Nakate, Nanofibrous Polythiophene-SnO₂ composite Films: A novel approach for Low-Temperature NO₂ sensing, **Materials Science and Engineering: B, Volume 299, 2024,116959,ISSN 0921-5107,**<https://doi.org/10.1016/j.mseb.2023.116959>.
19. Priyanka Kashid, S.N. Mathad, Mahadev R. Shedam, Amita Somya, AbuZar Ansari, Mohamed Hashem, Majed M. Alsarani, Omar Alageel, Facile fabrication and grain-size depended on structural behavior of Cadmium-Substituted nano Co-Ni ferrites by chemical method, **Ain Shams Engineering Journal, Volume 15, Issue 3, 2024, 102549, ISSN 2090-4479,**<https://doi.org/10.1016/j.asej.2023.102549>.
20. R.S. Thoyajakshi, G.T. Megha, H. Ravi Kumar, Shridhar N. Mathad, Anish Khan, S. Nagaraju, Mohamed H. Mahmoud, AbuZar Ansari, Garcinol: A novel and potent inhibitor of hyaluronidase enzyme, **International Journal of Biological Macromolecules, Volume 266, Part 2, 2024, 131145, ISSN 0141-8130,**<https://doi.org/10.1016/j.ijbiomac.2024.131145>.
21. Vinod Gubbiveeranna, G.T. Megha, C.G. Kusuma, H. Ravikumar, R.S. Thoyajakshi, S. Vijayakumar, S.N. Mathad, S. Nagaraju, Huda Wazzan, Anish Khan, Khalid A. Alzahrani, Asmaa M. Malash, Effect of 'Procumbenase' a serine protease from *Tridax procumbens* aqueous extract on wound healing: A scar free healing of full thickness wounds, **International Journal of Biological Macromolecules, Volume 273, Part 2, 2024, 133147, ISSN 0141-**

8130, <https://doi.org/10.1016/j.ijbiomac.2024.133147>.

22. Rakesh Vishwarup, Shridhar N. Mathad, Amir Altinawi, Raed H Althomali, Anish Khan, Ibraheem A Mkhaliid, Khalid A Alzahrani, B C Anand, Vikas Gupta, Effect of zinc substitution on structural, electrical, dielectric and magnetic properties of magnesium nano-ferrites prepared by co-precipitation route, **Inorganic Chemistry Communications**, Volume 167, 2024, 112733, ISSN 1387-7003, <https://doi.org/10.1016/j.inoche.2024.112733>.

23. D.B. Shirgaonkar, M.A. Yewale, D.K. Shin, S.N. Mathad, U.T. Nakate, Rafiq Ahmad, S.D. Pawar, Abdullah A. Al-Kahtani, Sikandar Aftab, High selectivity in NO₂ gas sensing applications using polythiophene-MnO₂ composite thin films, **Sensors and Actuators A: Physical**, Volume 377, 2024, 115740, ISSN 0924-4247, <https://doi.org/10.1016/j.sna.2024.115740>.

24. Tandel R.C, Sunitha, Bagal S, Kamat C, Kotekar S, Naik S, Patil S, Kakati S, Mathad SN, Shirgaonkar DB, Patil RK, Rendale MK, Deshpande SM and Pujar RB, Tailored Synergy: Synthesis and In-Depth Structural Analysis of x[Ni_{0.2}Cu_{0.3}Co_{0.5}Fe₂O₄] + (1-x)[Ba_{0.7}Sr_{0.3}TiO₃] Composites, **Nanomedicine & Nanotechnology Open Access (NNOA)**, 1 2024, 9(1): 0002, ISSN: 2574-187X, DOI: 10.23880/nnoa-16000293

25. Priyanka Kashid, S.N. Mathad, Mahadev R. Shedam, Amita Somya, AbuZar Ansari, Mohamed Hashem, Majed M. Alsarani, Omar Alageel, Facile fabrication and grain-size depended on structural behavior of Cadmium-Substituted nano Co-Ni ferrites by chemical method, **Ain Shams Engineering Journal**, Volume 15, Issue 3, 2024, 102549, ISSN 2090-4479, <https://doi.org/10.1016/j.asej.2023.102549>.

26. D.B. Shirgaonkar, M.A. Yewale, D.K. Shin, S.D. Pawar, J.L. Gunjekar, S.N. Mathad, R.J. Deokate, Umesh.T. Nakate, Nanofibrous Polythiophene-SnO₂ composite Films: A novel approach for Low-Temperature NO₂ sensing, **Materials Science and Engineering: B**, Volume 299, 2024, 116959, ISSN 0921-5107, <https://doi.org/10.1016/j.mseb.2023.116959>.

27. Jalgar, S.R.; Hunashyal, A.M.; Kuri, R.A.; Dhaduti, M.S.; Mathad, S.N. Investigation of Nano-Composite Dampers Using Different Nanomaterials in Civil Engineering Structures: A Review. **Eng. Proc.** 2023, 59, 188. <https://doi.org/10.3390/engproc2023059188>

28. Sandhya R Jalgar, A.M Hunashyal, A.K. Roopa, M.A. Umarfarooq, S.N. Mathad, Madhumati.S Dhaduti, Implementation of Cement-based nano composite Energy Absorption Damper to improve the damping properties of concrete and monitoring applications, **E3S Web of Conferences** 455, 03019 (2023) <https://doi.org/10.1051/e3sconf/202345503019>

29. Mallikarjunagouda PatilSavitri G. HunasikaiShridhar N. MathadArun Y. ,PatilChandrashekhar G. HegdeM.A. Sudeept, Enhanced O₂/N₂ separation by QuaternizedMatrimid/Multiwalled carbon nanotube mixed-matrix membrane, **Heliyon** Vol. 9 Issue 11 Published online: November 7, 2023

30. Preeti M. P, Basavaraj S, Shridhar N. Mathad, E. Veena, Sheela Gandad, A Review On Non-Metal And Metal Doped ZnO: Fundamental Properties And Applications, **Acta Periodica technologica** APTEFF, Vol. 54, 1-335 (2023) , DOI: <https://doi.org/10.2298/APT2354277P2>.

31. Jalgar S.R, Hunashyal A.M, Mathad S.N. and Bannur M.S, A Review of Experimental and Comparative Study of Cork-Based Nanocomposite Dampers with Normal Dampers in the Field of Construction, **Nanomedicine & Nanotechnology Open Access**, 2023, 8(4): 000277.

32. Prithviraj Kandekar, Akshay Acharya¹, Basangouda Patil¹, Aakash Chatta, Arun Y Patil, Shridhar Mathad, Design and analysis of alternative coating bio-material for Gas turbine engine blade for high temperature aerospace application, **International Journal of Advanced Science and Engineering, Vol.9 No 4 3106-3114 (2023)**
33. Arun Y. Patil, Tajammul H M Mysore, A. B. Kulkarni, **S.N. Mathad**, M. B. Patil, Thermo Gravimetric Analysis study of kinematic parameters and statistical analysis for Big Sheep Horn/Scapula bone of Indian origin, Vol. 54, December 2023, **Acta Periodica technologica**, APTEFF, Vol. 54, 1-335 (2023) DOI: <https://doi.org/10.2298/APT2354021P>
34. Sangam S.A , Thabaj K.A , Mathad S N. and Shirgaonkar D.B, "Mini Review on Polymers and their Applications" Nanomedicine & Nanotechnology Open Access, Volume 8 Issue 3,1-6
35. D.A. Gole, S. B. Kapatkar, S.N. Mathad, Rakesh R. Chavan, Synthesis and structural and magnetic studies of nano $\text{Co}_{1-x}\text{Mg}_x\text{Fe}_2\text{O}_4$ ferrites, **International Journal of self-propagating high temperature synthesis (Submitted)**
36. Sushant, S.K., Choudhari, N.J., Patil, S. *et al.* Development of M-NiFe₂O₄ (Co, Mg, Cu, Zn, and Rare Earth Materials) and the Recent Major Applications. *Int. J Self-Propag. High-Temp. Synth.* **32**, 61-116 (2023). <https://doi.org/10.3103/S1061386223020061>
37. Prithviraj Kandekar, Akshay Acharya¹, Basangouda Patil¹, Aakash Chatta¹, Arun Y Patil, Shridhar Mathad, Design and analysis of alternative coating bio-material for Gas turbine engine blade for high temperature aerospace application, **International Journal of Advanced Science and Engineering, Vol.9 No 4 3106-3114 (2023)**
38. P. Kashid, H. K.Suresh, **S.N.Mathad**, Rakesh Shedam, M. R. Shedam, Facile fabrication and detailed Structural behavior of Cadmium-Substituted Nano Co-Ni Ferrites by chemical method, **Nanomaterials (Submitted)**
39. Alexstevan Dharmdas, Arun Y. Patil, Azar Baig, Owais Z Hosmani, Shridhar N Mathad, Mallikarjunagouda B Patil, Raman Kumar, Basavaraj B.Kolturshettar, Islam Md Rizwanul Fattah, An Experimental and Simulation Study of the Active Camber Morphing Concept on Aerofoils Using Bio-Inspired Structures, **(Accepted) Biomimetics (Q2)**
40. Pathan A.T., Shaikh A.M., Sushant S. and Mathad S.N. 2023. Effect of synthesis methods and comparative study of structural properties of micro and nano Ferrites. **Physics and Chemistry of Solid State.** 24, 1 , 77-83. DOI:<https://doi.org/10.15330/pcss.24.1.77-83>. (Q3)
41. Al-Zahrani, Salma A., Mallikarjunagouda B. Patil, Shridhar N. Mathad, Arun Y. Patil, Ahmed Al Otaibi, Najat Masood, Dorsaf Mansour, Anish Khan, Vikas Gupta, Niraj S. Topare, Amita Somya, and Manikandan Ayyar. 2023. "Photocatalytic Azo Dye Degradation Using Graphite Carbon Nitride Photocatalyst and UV-A Irradiation" *Crystals* 13, no. 4: 577. <https://doi.org/10.3390/cryst13040577> (Q2)
42. Patil, M.B., Vader, S.G., Mathad, S.N. *et al.* The effect of ZIF-8 nanoparticle concentration on microwave-assisted synthesis of poly (vinyl alcohol)-co-acrylic acid copolymeric membranes and their potential application in fuel cell. *Emergent mater.* **6**, 755-767 (2023). <https://doi.org/10.1007/s42247-023-00497-w> (Q2)
43. S. A. Al-Zahrani, M. B. Patil , Shridhar Mathad, A. Y. Patil, Ahmed Al Otaibi, Najat Masood, Dorsaf Mansour, Anish Khan, A. Manikandan, Edi Syafri, Photocatalytic degradation of Textile Orange 16 reactive dye by ZnO nanoparticles synthesized via

- Green Route using Punica Granatum leaf extract, *Crystals* ,2023, 13(2), 172; <https://doi.org/10.3390/cryst13020172> (Q2)
44. Joshi, D., Savanur, A., P. Rathod, L., Mathad, S., Patil, A., & Patil, M. (2022). Transparent Sheet Heater with Flexibility based on Poly (vinyl alcohol) Embedded with Sodium Tungstate. *Journal of Computers, Mechanical and Management*, 1(2), 01–08, 2022, <https://doi.org/10.57159/gadl.jcmm.1.2.22016>
45. Patil, M.B., Mathad, S.N., Patil, A.Y. M. Ali Hussein, Abeer M. Alosaimi, A. M. Asiri, A. Manikandan & Mohammad Mujahid Ali Khan, Functional Properties of Grapefruit Seed Extract Embedded Blend Membranes of Poly(vinyl alcohol)/Starch: Potential Application for Antiviral Activity in Food Safety to Fight Against COVID-19. *J Polym Environ* , (2022). <https://doi.org/10.1007/s10924-022-02742-5> (Q1)
46. Patil, A.Y., C. Hegde, G. Savanur, S. M. Kanakmood, A.M. Contractor, V. B. Shirashyad, Rahul M. Chivate, Basavaraj B. Kotturshettar, Shridhar N. Mathad, M. B. Patil, Manzoore Elahi M. Soudagar, and Islam Md Rizwanul Fattah. 2022. "Biomimicking Nature-Inspired Design Structures—An Experimental and Simulation Approach Using Additive Manufacturing" *Biomimetics*, 7, no. 4: 186. <https://doi.org/10.3390/biomimetics7040186> (Q2)
47. A. Al Otaibi, M.B. Patil , S.B. Rajamani, S.N. Mathad, Arun Y. Patil, A.M. K., Jilani, Purusottapatnam Shaik, A. M. Asiri, Dr Anish Khan, Development and Testing of Zinc oxide embedded Sulfonated Poly(vinyl alcohol) Nanocomposite Membranes for Fuel Cells, *Crystals* 2022,Q2 12, 1739. <https://doi.org/10.3390/cryst12121739> (Q2)
48. Kakati, S.S., Makandar, T.M., Rendale, M.K. et al. Green Synthesis Approach for Nanosized Cobalt Doped Mg–Zn through Citrus Lemon Mediated Sol–Gel Auto Combustion Method. *Int. J Self-Propag. High-Temp. Synth.* 31, 131–137 (2022). <https://doi.org/10.3103/S1061386222030049> (Q3)
49. K.P. Mudholakar, S.Vinaykumar, Vinut V.Tambe, S.V. Angadi, S.S. Kakati, S. N.Mathad, S.S.Tirlapur, I.B Madalagi, D. B. Shirgaonkar, A.S. Pujar, S.L.Galagali, P.R. Jeergal, S.S.Khemalapur, C.S.Hiremath, R.B.Pujar, Effect of Sintering condition on Magnetization and Microstructure of $\text{Cu}_x\text{Co}_{(1-x)}\text{Fe}_2\text{O}_4$ Ferrites, *Int. J. Adv. Sci. Eng.* Vol.9 No.2 2678-2685 (2022) 2678, <https://doi.org/10.29294/IJASE.9.2.2022.2678-2685>
50. R. M.Shedam, Azeem M.Bagwan, S.N.Mathad, Ashok B.Gadkari, Mahadev R.Shedam, Rajendra G.Sonkawad, Nd^{3+} added Mg– Cd ferrite material study the thick film gas sensing properties, *Materials Chemistry and Physics*, Volume 293, 1 January 2023, 126871 <https://doi.org/10.1016/j.matchemphys.2022.126871> (Q2)
51. R.M. Shedam, A. B. Gadkari, S. N.Mathad, M.R. Shedam, Ferrites gas sensors: A Review: Sensors", *Physics and Chemistry of Solid State*, *Physics and Chemistry of Solid State Vol. 23 No. 3 (2022)*, <https://doi.org/10.15330/pcss.23.3.626-640> (Q4)
52. M. Patil, S. B. Rajamani, S.N. Mathad, A. Y. Patil, Mahmoud A. Hussain, Hajer Saeed Alorfii, Anish Khan, Abdullah M. Asiri, Imran, Khan, Madhu Puttegowda, Microwave-Assisted Synthesis of Poly (Acrylamide-co-2-Hydroxyethyl Methacrylate)/Chitosan Semi-IPN ZnO Nanocomposite Membranes for Food Packaging Applications, *Journal of Materials Research and Technology*, Volume 20, September–October 2022, Pages 3537-3548 (I.F=6.5, (Q1)
53. A. Patil, S.N.Mathad, "Thermal studies of Big sheep horn as Thermal Barrier

Faculty Profile

	<p>Coating(TBC) material for Gas turbine compressor blade”, <i>Acta Periodica technologica</i>, APTEFF, 53, 1-302 (2022), DOI: https://doi.org/10.2298/APT2253176A (Q3)</p> <p>54. R. Shedam, S.N.Mathad, Priyanka Kashid, H. K.Suresh, , Mahadev R. Shedam Synthesis and Characterization of Nd³⁺ Doped Mg-Cd Ferrite (Mg_{0.5}Cd_{0.5}Nd_{0.01}Fe_{1.99}O₄) Nanoparticles Prepared in the Form of a Thick Film for Gas Sensing Applications, <i>J. NANO- ELECTRON. PHYS.</i> 14, 03027 (2022) (Q4)</p> <p>55. Sangam S.A, Thabaj K.A, Kulkarni R.M, and Mathad S.N, Degradation and Kinetics Study of Enrofloxacin using Diperiodato Cuprate (III) in Alkaline Medium, <i>Nanomed Nanotechnol</i> 2022, 7(3): 000223, DOI: 10.23880/nnoa-16000223 (I.F =1.5)</p> <p>56. Sandhya R.Jalgar, Anand M. Hunashyal, S.N.Mathad, Raghavendra Jalgar, Engineering Properties and Investigations of Emerging Modern Construction GGBS Based Geopolymer Concrete, <i>Int. J. Adv. Sci. Eng. Vol.9 No.1</i> 2497-2504 (2022) 2497</p> <p>57. Priyanka Kashid, H. K.Suresh, S.N.Mathad, Rakesh Shedam, Mahadev R. Shedam, A Review on Synthesis, Properties and Applications on Cobalt Ferrite, <i>Int. J. Adv. Sci. Eng. Vol.9 No.1</i> 2567-2583 (2022) 2567</p> <p>58. S.S.Gandhad, P.R.Jeergal, E.Veena, L. Hublikar, L.D.Horakeri, S.N.Mathad, “Synthesis and Characterization of Silver Nanoparticles using Green Route”, <i>Int. J. Adv. Sci. Eng. Vol.8 No.2</i> 2194-2199 (2022) 2194.</p> <p>59. Devi A. Gole, S. B. Kapatkar, Shridhar N. Mathad, Rakesh R. Chavan, Influence of pH Variation on Structural Properties of Nano-Sized Cobalt Ferrites, <i>Inorganic and Nano-Metal Chemistry</i>, DOI: 10.1080/24701556.2022.2047070 (Q3)</p> <p>60. Shishir.R.Patil, Shridhar N. Mathad, S.S.Gandhad, M.C. Ellemmi, “Smart Trolley with Automatic Billing System using Arudino”, <i>Int. J. Adv. Sci. Eng. Vol.8 No.2</i> 2194-2199 (2022) 2194</p> <p>61. Patil, M.; Mathad, S.N.; Patil, A.Y.; Arshad, M.N.; Alorfi, H.S.; Puttegowda, M.; Asiri, A.M.; Khan, A.; Azum, N. Synthesis and Characterization of Microwave Assisted Copolymer Membranes of Poly(vinyl alcohol)-g-starch methacrylate and Their Evaluation for Gas Transport Properties. <i>Polymers</i>, 2022, 14, 350. https://doi.org/10.3390/polym14020350 (Q1, I.F=4.324)</p> <p>62. Vijay, V.R. Hiremath, S.N. Mathad, “ Synthesis, characterization and evaluation of δ-Al₂O₃ nanoparticles prepared by chemical method with variation of pH”, <i>J. NANO-ELECTRON. PHYS.</i> 14, 03027 (2022) (Q4)</p> <p>63. Sushant S.K, S.N.Mathad “Green synthesis approach for nano sized Cobalt doped Mg-Zn through Citrus Limon mediated sol-gel auto combustion method”, <i>International Journal of Self-Propagating High-Temperature Synthesis</i> 31, pages131-137 (2022) (Q3)</p> <p>64. S.U Durgadsimi, V.R.Kattimani, Maruti N S and S N Mathad "Synthesis, XRD, SEM and FTIR analysis of nickel ferrite synthesized by co-precipitation method" <i>Eurasian Physical Technical Journal</i>, 2021, Vol.18, No.4(38) (Q3)</p> <p>65. Shashidharagowda. H , S. N.Mathad , S.Malladi , V. Gubbiveeranna ,C G Kusuma and S Nagaraju, Sol-Gel Co-Precipitation Synthesis, Anticoagulant and Anti-Platelet Activities of Copper-Doped Nickel Manganite Nanoparticles, <i>Gels</i>, 2021, 7, 269. doi.org/10.3390/gels7040269 (Q1, I.F=4.75)</p> <p>66. R. C. Bharamagoudar, , A. S.Patil, L. B .Kankanawadi, S.N.Mathad , Structural, Dielectric, and Magnetic Properties of SCS-Produced Copper Zinc Nanoferrites,</p>
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- 156.**S.N.Mathad**, R.N.Jadhav, P Jadhav, V.Puri, "Modification of Ag Thick Film Microstripline Due to Superstrate Strontium Barium Niobate Thick-Films",*International Journal of Computing and Technology ,Vol. 1, Issue 1, Feb. 2014.*
- 157.S.S.Yattinahalli, **S.N.Mathad**, S.B.Kapatkar, "Structural Studies of Zinc Ferrite Synthesized at Low Temperature", *International Review, 1,1, 5-8, June 2014.*
- 158.A.T.Pathan ,**S.N.Mathad** ,A. M. Shaikh, "Infrared Spectral studies of Co²⁺ substituted Li-Ni-Zn Nano-structured Ferrites", *International Journal of Self-Propagating High Temperature Synthesis, Vol. 23, No. 2, pp. 112-117,2014. (Q3, Impact Factor: 0.80)*
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- 160.**S.N.Mathad**, R.N.Jadhav, V.Phadtare, V. Puri, "Structural and Mechanical Properties of Strontium doped Barium Niobate Thick-films", *International Journal of Self-Propagating High Temperature Synthesis, vol. 23, no. 3,2014. (Q3, Impact Factor: 0.80)*

Faculty Profile

161. **S.N.Mathad** , R.N.Jadhav, V.Phadatare, V.Puri. "Response of Ag thick film microstripline due to superstrate strontium substituted bismuth manganites" *Journal Of Nano- And Electronic Physics*, Vol. 6 No 2, 02009(3pp),2014.(*IF=0.70*)
162. **S. N. Mathad**, R.N. Jadhav, V. Puri, "Microwave Studies of Bismuth Strontium Manganite Thick-Films by Superstate Method", *Open Journal of Modern Physics*, 2372-6288,2014
163. **S. N. Mathad**, R. N. Jadhav and V. Puri "Microwave studies by perturbation of Ag thick film microstrip ring resonator using superstrate of bismuth strontium manganites" **Microelectronics International Vol. 30, No. 2, pp. 85-91,2013.(IF=0.80)**
164. **S. N. Mathad**, R. N. Jadhav, R. P. Pawar, V. Puri "Dielectric Spectroscopy and Microwave Conductivity of Bismuth Strontium Manganites at High Frequencies" *Electronic Materials Letters*, Vol. 9, No. 1, pp. 87-93,2013. .(*IF=3.98*)
165. **S.N.Mathad** , R. N. Jadhav ,R.P.Pawar , V. Puri "Electromagnetic Behavior of Lead Free Ferroelectrics at Microwave Frequencies",**Advanced Science Engineering and Medicine, Vol. 5, pp. 1-7,2013.**
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167. R. N. Jadhav, **S. N. Mathad**, V. Puri "Studies on the properties of $\text{Ni}_{0.6}\text{Cu}_{0.4}\text{Mn}_2\text{O}_4$ NTC ceramic due to Fe doping" **Ceramics International Vol. 38, pp. 5181-5188,2012. .(IF=2.0)**
168. N.D.Patil, P.S. Jadhav, R.N. Jadhav, **S. N. Mathad**, Vijaya Puri, "Electromagnetic properties of self propagating auto combustion synthesized nano-crystalline $\text{Pb}(\text{Zr}_{0.52}\text{Ti}_{0.48})\text{O}_3$," **International Journal of Self-propagating High Temperature Synthesis, Vol.22, Issue 3, pp 141-146,2013. (Q3, Impact Factor: 0.80)**
169. **S.N.Mathad**, R.N.Jadhav, N. D. Patil, V. Puri, "Structural and mechanical properties of Sr^{+2} doped bismuth manganite thick films" **International Journal of Self-propagating High Temperature Synthesis, Vol.22, Issue4,pp180-184,2013. (Q3, Impact Factor: 0.80)**
170. R. Jadhav, S.P.Patil, **S. N. Mathad**, S. A. Kanade, V. Puri, "Perturbation of Ag thick film microstrip ring resonator due to superstrate $\text{Ni}_{0.6}\text{Co}_{0.4}\text{Ag}_y\text{Mn}_{2-y}\text{O}_4$ ceramics" **AIP Conf. Proc. 1536, 1193 ,2013.(IF=1.3)**
171. S. S. Yattinahalli, S. B. Kapatkar, N. H. Ayachit, **S. N. Mathad**, "Synthesis and Structural Characterization of Nanosized Nickel Ferrite" **International Journal of Self-Propagating High-Temperature Synthesis, Vol. 22, No. 3, pp. 147-150,2013. (Q3, Impact Factor: 0.80)**
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173. **S.N. Mathad**, R.N. Jadhav, N.D.Patil, V. Puri, "Response of Ag thick film microstripline to perturbation of bulk lead free ferroelectric ceramics", **CRT-2013 Conferences proceedings in IET Digital library ISBN: 978-1-84919-868-4,2013.**
174. **S. N. Mathad**, R. N. Jadhav ,V.Puri "Raman studies of Rod-like Bismuth strontium manganites" **European Journal of Applied Engineering and Scientific Research, Vol.1, No. 3,pp. 67-72,2012.**
175. **S. N. Mathad**, R. N. Jadhav, R. P. Pawar, V. Puri "Studies on Rod Shaped Bismuth Strontium Manganite Ceramics " **Science of Advanced Materials 4, 12, Vol.6,pp.**

1276-1281,2012. (I.F=3.3)

176. **S. N. Mathad**, V. Puri "Structural and dielectric properties of $Sr_xBa_{1-x}Nb_2O_6$ ferroelectric ceramics" **Archives of Physics Research, Vol.3, No. 2, pp. 106-115,2012.**

PRESENTATIONS IN CONFERENCES/FDP/WORKSHOP

- [1] Dr. SHRIDHAR MATHAD attended One-week online faculty development programme on Advances in Material Characterization and Data Processing held at (AMCDP-2024)" Anurag University, Hyderabad, Telangana, India, during 15 – 20th July 2024 .
- [2] Dr. SHRIDHAR MATHAD attended Research in Engineering Education Symposium, REES 2024 will be held on January 4th, 5th and 6th, at KLE Technological University, Hubli, Karnataka, India.
- [3] Dr. Shridhar Mathad participated in Refresher Course in "Experimental Physics" From 19 August to 03 September, 2024, Organised by Maharani Lakshmi Ammanni College for Women Autonomous, 18th Cross Road, Malleshwaram Bengaluru, Karnataka 560012, Catalysed And Supported by The Indian National Science Academy in New Delhi, The National Academy of Sciences, Allahabad, India, Indian Academy of Sciences, Bengaluru
- [4] Dr. Shridhar Mathad attended "Five days Online FDP on Applied Physics in VTU Curriculum" held from 15th to 19th May 2023. Cambridge Institute Of Technology, Bangalore
- [5] Sandhya R Jalgar, A.M Hunashyal, A.K. Roopa, M.A. Umarfarooq, S.N. Mathad, Madhumati.S Dhaduti, Implementation of Cement-based nano composite Energy Absorption Damper to improve the damping properties of concrete and monitoring applications, E3S Web of Conferences 455, 03019 (2023) <https://doi.org/10.1051/e3sconf/202345503019> E3S Web Conf. Volume 455, 2023 First International Conference on Green Energy, Environmental Engineering and Sustainable Technologies 2023 (ICGEST 2023) ,KLS Gogte Institute of Technology, Karnataka, India, October 5 - 6, 2023
- [6] Jalgar, S.R.; Hunashyal, A.M.; Kuri, R.A.; Dhaduti, M.S.; Mathad, S.N. Investigation Of Nano-Composite Dampers Using Different Nanomaterials In Civil Engineering Structures: A Review. Eng. Proc. 2023, 59, 188. [HTTPS://DOI.ORG/10.3390/ENGPROC2023059188](https://doi.org/10.3390/engproc2023059188) INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN SCIENCE AND ENGINEERING(RAiSE-2023) Organized by Department of Mechanical & Industrial Engineering, Manipal Institute of Technology, MAHE, Manipal, India In Association With School of Engineering and IT, MAHE Dubai, UAE ,4 – 5 October 2023 | Hybrid Mode (Offline & Online)| MAHE Dubai
- [7] Dr. Shweta G. M, Naik L. R, Mathad S. N, Pujar R. B, Shabana Banu, Sahebagouda Jambaladinni, Nickel Zinc Nanoferrites Doped with Cobalt by SUCROSE Method: Structural and Antibiological Propertie, 11th National Conference on Condensed Matter Physics and Applications, Date: 14-15 Dec 2023 MIT, Manipal
- [8] Ravikumar Kolekar ,S.B.Kapatkar , S.N.Mathad, Synthesis and structural study of $Co_{0.8-x}Ni_xZn_{0.2}Fe_2O_4$ ferrites by solid state reaction METHOD, Fourth International Conference on Advances in Materials Science, 20th–21st JANUARY 2020, RAJE RAMRAO MAHAVIDYALAYA, Jath, Maharashtra
- [9] Akshay B. Kulkarni, S. N. Mathad, N.D.Hegde , Shashidharagowda H. , Priyanka Kashid, Influence of cadmium doping on structural and mechanical properties Co-Ni nano ferrites, Fourth International Conference on Advances in Materials Science, 20th–21st JANUARY 2020, RAJE RAMRAO MAHAVIDYALAYA, Jath, Maharashtra **(BEST POSTER AWARD)**

Faculty Profile

<p>[10] Shashidhargowda ,Akshay Kulkarni ,Shridhar Mathad, Synthesis and structural studies of $Zn_{0.95}Cu_{0.05}Mn_2O_4$ ceramics, Fourth International Conference on Advances in Materials Science,20th–21stJANUARY 2020,RAJE RAMRAO MAHAVIDYALAYA, Jath, Maharashtra</p> <p>[11] Priyanka P. Kashid , Shridhar N.Mathad , Mahadev Shedam , AkshayB.Kulkarni, Preparation and Characterizations of cadmium substituted cobalt ferrite nanoparticles, Fourth International Conference on Advances in Materials Science,20th–21stJANUARY 2020,RAJE RAMRAO MAHAVIDYALAYA, Jath, Maharashtra</p> <p>[12] S.N.Mathad, A.B.Kulkarni , Shashidhar.H, Influence of cadmium substitution in $Co_{0.5}Zn_{0.5}Fe_2O_4$ on structural and mechanical properties, National Conference on Nano Materials for Sustainable Development - 2019 (NMSD - 2019), GovindramSeksaria Science College, Belagavi from 1-2 February 2019 (BEST POSTER AWARD)</p> <p>[13] Shashidhar.H, S.N.Mathad, A.B.Kulkarni , Synthesis and Study copper doped nano $NiMn_2O_4$ NTC ceramics by coprecipitation method, National Conference on Nano Materials for Sustainable Development - 2019 (NMSD - 2019), GovindramSeksaria Science College, Belagavi from 1-2 February 2019</p> <p>[14] Shridhar N. Mathad, Shivalleela. B. Hoonallib, Shaila. P. Unakal, Sweta. S. Papti, “A Review on Overlay method ,</p> <p>[15] S.N.Mathad, A.B.Kulkarni, “Synthesis and Structural analysis of $Co_{0.5}Zn_{0.5}Cd_{0.6}Fe_{1.4}O_4$ ferrite ”One Day National Conference On “Recent Trends in Chemical Science and Its Interdisciplinary Applications, 06th January, Department of Chemistry, Shri Yashwantrao Patil Science College, Solankur, Maharashtra(BEST PAPER AWARD).</p> <p>[16] S. N. Mathad, S.S.Mathad, and S.S.Yattinahalli ,“Synthesis and structural studies of bismuth manganite” P.C.JabinCollege,Hubli. “ADVANCES IN SOFT MATTER AND LOW DIMENSIONAL MATERIAL” held at P.C. Jabin College, Hubli on 20th and 21st Feb 2015.</p> <p>[17] S.N. Mathad, M.K.Rendale, Vijaya Puri “Investigation of $Sr_{0.75}Ba_{0.25}Nb_2O_6$ using overlay technique on thick film microstrip ring resonator at microwave frequencies”, Natinal level Raman Memorial conference 2015, 13-14 Mar. 2015, Pune University, Pune.</p> <p>[18] M.G.Hudedmani, S.N.Mathad, V.M. Soppimath, “Environmental impacts of Energy generation”, Indian Congress of Civil Engineers, 05 Dec2015, Department of Civil Engineering ,Acharya Institute of Technology, Bangalore.</p> <p>[19] Prasad Kadolkar, S. G. Joshi, S.N.Mathad and S. S. Yattinhalli “Simulation, Purification and Harvesting of Overland Flows in Tier-2 Cities”, Indian Congress of Civil Engineers, 05 Dec2015, Department of Civil Engineering ,Acharya Institute of Technology, Bangalore.</p> <p>[20] S. N. MathadNikhikJ ,ChetanAkki, and V. Puri “PTC Thermistor Properties of Strontium Barium Niobates”, International Conference on “Science and Technology (ICST-2K14), S.B.Patil College OF Engineering, Indapur, PUNE, Feb. 21-22,2014.</p> <p>[21] S. S. Yattinahalli, S. B. Kapatkar, S.N.Mathad , “Texture analysis and Mechanical properties of zinc ferrite” International Conference on “Science and Technology (ICST-2K14), S.B.Patil College OF Engineering, Indapur, PUNE, Feb. 21-22,2014.</p> <p>[22] S.N. Mathad, R.N. Jadhav, V.Puri,“Preparation and characterization of $Ba_{0.5}Sr_{0.5}Nb_2O_6$ ceramics” National Seminar on Physics of Materials and Materials Based Device Fabrication (NSPM-MDF-2011), Department of Physics, Shivaji University, Kolhapur.</p> <p>[23] R.Jadhav, S. N. Mathad, V. Mane, V.Puri “Effect of iron and nickel on microwave properties of thick film zinc manganite ceramic”Feb.,11-13,2013,Kalpakam,Tamil Nadu.</p> <p>[24] R. Jadhav, S. P. Patil, S. N. Mathad, S. A. Kanade, V. Puri, “Perturbation of Ag thick film microstrip ring resonator due to superstrate $Ni_{0.6}Co_{0.4}Ag_yMn_{2-y}O_4$ ceramics”</p>

Faculty Profile

Proceeding of international conference on recent trends in applied physics and material science: RAM 2013, Bikaner, Rajasthan, India.

[25] S.N.Mathad, Pramod.V, Saji.KV.Puri, "Microwave studies of environmental friendly ferroelectrics", National Conference on Scope of Advanced Materials in Energy & Environment (SAMEE 2013), organized by the Department of Chemistry, CMR Institute of Technology, Bangalore, 7-8 Aug., 2013.

[26] S.N.Mathad, P.Velhal, S. Sajikamod, V.Puri, "Response of Ag thick film micro strip ring resonator to perturbation of $\text{Sr}_{0.40}\text{Ba}_{0.60}\text{Nb}_2\text{O}_6$ ceramics", International Conference on Convergence of Science, Engineering and Management in Education and Research- A Global Perspective (ICCSEM-2013), Dayananda Sagar Institutions, 26-27 Sept. 2013, Bangalore.

[27] S. S. Yattinahalli, S.N.Mathad, S. B. Kapatkar, "Review on Nano-science Materials and its applications", International Conference on Convergence of Science, Engineering and Management in Education and Research- A Global Perspective (ICCSEM-2013), Dayananda Sagar Institutions (DSI), 26-27 Sept. 2013, Bangalore.

[28] N. D. Patil, S. N. Mathad, V. S. Kambale, Vijaya Puri, "X and Ku band microwave dielectric properties of $\text{Ni}_{0.4}\text{Co}_x\text{Cd}_{0.6-x}\text{Fe}_2\text{O}_4$ ", 2nd National Seminar on Physics of Materials and Materials Based Device Fabrication (NSPM-MDF 2013), 4-5 Jan. 2013, Department of Physics, Shivaji University, Kolhapur.

[29] S.N. Mathad, R.N. Jadhav, N.D.Patil, Vijaya Puri, "Response of Ag thick film microstripline to perturbation of bulk lead free ferroelectric ceramics", National Conference on Challenges in Research & Technology in the Coming Decades (CRT-2013), 27-28 September 2013, S.D.M.I.T, UJIRE, India.

[30] S. S. Yattinahalli, S.N.Mathad, S. B. Kapatkar, "Structural Studies of Zinc Ferrite Synthesized at Low Temperature", Indian Congress on Curbing E Indian Congress on Curbing E-Wastes, 09 November 2013, Department of Civil Engineering & C.T.M, Acharya Institute of Technology, Bangalore.

[31] R. N. Jadhav, S. N. Mathad, V.Puri "Effect of $\text{Ni}_{0.6}\text{Co}_{0.4}\text{Ag}_y\text{Mn}_{2-y}\text{O}_4$ NTC ceramics on Ag thick film microstrip ring resonator" 23rd AGM of the MRSI held at Thapar University, Patiala, February 13-15, 2012.

[32] R.N.Jadhav, S.N.Mathad, V.Puri "Influence of pH on microwave Properties of thick film ZnMn_2O_4 NTC ceramics" 1st International Conference on Physics of Materials and Materials based Device Fabrication (ICPM-MDF-2012), Department of Physics, Shivaji University, Kolhapur, India January 17-19, 2012.

[33] R.N.Jadhav, S.N.Mathad, Vijaya Puri " Study of Microwave absorption and complex permittivity of $\text{Ni}_{1-x}\text{Zn}_x\text{O}_4$; (0.2 \geq x \leq 1.0) NTC Ceramics", International Conference on Nano-science and Technology (ICONSAT-2012), January 20-24, 2012, Hyderabad, India.

[34] S. N. Mathad, R. N. Jadhav, N.D.Patil, P.Jadhav, V. Puri "Synthesis, structural, dielectric and microwave studies of Barium Niobate ceramics" International conference on Recent Advances in Materials Science (RAMS - 2012), 6-8 Nov. 2012, Karnataka state higher education council, Bangalore.

[35] S.N. Mathad, R.N. Jadhav, V. Puri "Structural and Microwave Dielectric properties of bismuth strontium manganites ceramics" Recent Advances in Functionalized Materials (RAFM-12), organized by Department of Chemistry, M.S. Ramaiah Institute of Technology, Bangalore on 24 - 25th Jan. 2012.

[36] R. P. Pawar, S. N. Mathad and V. Puri "Microwave Properties of strontium calcium manganite in the 8-12 GHz frequency spectrum " International symposium on macro- and supermolecular architectures and materials (MAM-12) 21-25 Nov. 2012, Center for Nanoscience and Technology, K.S.Rangaswamy college of Technology, Coimbatore, TAMIL NADU, India.

[37] S. N. Mathad, R. N. Jadhav, N. D. Patil, V.Puri "Structural and Microwave Dielectric

KLE Institute of Technology, Hubballi 580 027

Faculty Profile

	<p>Properties of $Sr_{0.75}Ba_{0.25}Nb_2O_6$ Ferroelectrics at X and Ku Bands” National conference on Recent Trends in Nanotechnology-2012, 14-15th Dec.2012,Vivekand College, Kolhapur, India.</p> <p>[38] S.N.Mathad, R.L.Kshirasagar “Possible Effects of electromagnetic radiations on environment and adverse health effects” International Conference on Bioremediation and Environmental Management and Polar Science & Technology(24th Annual Conference of NESE, New Delhi) ,Presidency College, Bangalore on 28-29th Dec 2011.</p> <p>[39] R. N. Jadhav, S. N. Mathad, V.Puri “Microwave Absorption and permittivity of $Ni_{1-x}Cu_xMn_2O_4$ ceramic Thick films” in International conference on emerging microelectronics and interconnection technology EMIT-08, IMAPS India at NIAS, IISc campus, Bangalore on December 15-18, 2008.</p> <p>[40] R N Jadhav, S.N.Mathad, P D Kamble, Vijaya Puri “Structural and electrical propetis of Thick film $Ni_{1-x}Zn_xMn_2O_4$ ($0.2 \leq x \leq 0.6$) NTC ceramics” International conference on Nanomaterials and Nanotechnology (NANO-10), K.S.R. College of Technology, Coimbatore, Tamilnadu ,December 13-16,2010 ISBN 10: 0230-33200-5,MacMillan Publishers India Ltd.</p>		
1.5.	Language skills (ability to)	Speak:	Read / Write
		Kannada	Kannada
		English	English
		Hindi	Hindi
2.	Employment Information and Professional Experience till date		
2.1.	Employment Information		
a)	Job title	Dean (Research and Development), Associate Professor	
	Employer	K.L.E.Institute of Technology,Hubballi	
	Dates (from - to)	January 2023 till date. Dean (June 2024 till date)	
	Responsibilities	Teaching Engineering Physics Subject (Both Theory and Lab) to first year B.E. Students, HEAD (Physics) Head of Department.Ph.D. Guidance, MR (EOMS), ISO Coordinator and Auditor	
b)	Job title	Assistant Professor	
	Employer	K.L.E.Institute of Technology,Hubballi	
	Dates (from - to)	September 2010 till date.	
	Responsibilities	Teaching Engineering Physics Subject (Both Theory and Lab) to first year B.E. Students, Ph.D. Guidance, First Year coordinator, I.A coordinator, ISO Coordinator and Auditor and Head of Department.	
c)	Job title	Lecturer	
	Employer	Jain College, Belgaum	
	Dates (from - to)	June 2008-August 2010	
	Responsibilities	HOD	
d)	Job title	Lecturer	
	Employer	Shri Bhagwan Mahaveer Jain College, V.V.Puram, Bangalore	
	Dates (from - to)	June 2006-June2008	
	Responsibilities		
e)	Job title	Lecturer	
	Employer	Chetana College of Science, Hubli	

KLE Institute of Technology, Hubballi 580 027

Faculty Profile

	Dates (from – to)	Jan2006-April 2006
	Responsibilities	
f)	Job title	Lecturer
	Employer	Swami Vivekananda Residential College of Science, Hulkoti
	Dates (from – to)	Jun 2005-Dec2006
	Responsibilities	
g)	Job title	Science and Maths Teacher
	Employer	Veman High school ,Hubballi
	Dates (from – to)	July 2004-April 2004
	Responsibilities	Teaching Maths & Science
2.2.	Public Service & Volunteer Work	
2.3.	Other professional achievements such as any awards, special skills, etc.	
a)	PH.D Guide of Scholars	
	<i>Akshay Kulkarni</i>	<i>G.S.S Science College, Belgaum (Awarded, March 2021)</i>
	<i>Shashidhar Gouda</i>	<i>TC Engg. college, Gadag (Awarded, March 2023)</i>
	<i>Rakesh Shedam</i>	<i>Gokhale College, Kolhapur (Awarded, August 2023)</i>
	<i>Rakesh Vishwaroop</i>	<i>GM University,Davanageri (Awarded 2023)</i>
	<i>Priyanka Kashid</i>	<i>Awarded Septemeber 2024</i>
	<i>Mr.Sushant Kakti</i>	<i>KLEIT,Hubballi (Open seminar-2024)</i>
	<i>Mr.Hiremath Vishwanath</i>	<i>BLDE,Bijapur (Registration 2024)</i>
	<i>Mr.I.M Karadi</i>	<i>BLDEA's Commerce, BHS Arts & TGP Science College,Jamkhandi (Registration 2024)</i>
b)	<u>Editorial Board Member:</u>	
	Applied Physics Research (Canadian Center of Science and Education), Asian Journal of Physical Sciences, Journal of Modern Materials, Advanced Nano Research, Boson Journal of Modern Physics, Advanced Journal of Graduate Research, Journal of Materials Science and Metallurgy, Journal of advances in natural sciences	
c)	<u>Reviewer :</u>	
	ECS Journal of Solid State Science and Technology, Physica Scripta, Saudi Pharmaceutical Journal, Materials Advances, Heliyon, Trends in Sciences, Materialia, Advances in Civil Engineering, Applied Physics A Philosophical Magazine, International Journal of Applied Ceramic Technology, Journal of Alloys and Compounds, Physics of Fluids, Nanotechnology Reviews, Ceramics International, Phase Transitions, Journal of Material Sciences & Manufacturing Research Journal of Inorganic and Organometallic Polymers and Materials, Nano, Arabian Journal of Chemistry, Materials Today: Proceedings, Canadian Journal of Physics, Materials Science and Engineering: A, Chemical Physics Impact, Vibrational Spectroscopy, Materials Research Bulletin, Walailak Journal of Science and Technology, Materials Chemistry and Physics, Emergent Materials, Journal of material engineering and performance, Materials Science for Energy Technologies ,The Journal of physical science,Tribology in industry, Journal of Advances in Physics, Open Journal of Composite Materials (OJCM), Advances in Materials Physics and Chemistry (AMPC),International Journal of Microwave and Wireless Technologies, Open Access Journal of Mathematical and Theoretical Physics, Canadian Journal of Physics, Journal of Modern Physics, Advanced Nano Research, Tribology in Industry, Journal of Materials Engineering and Performance, Journal of Physical Science, Journal of Inorganic and Organometallic	

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Faculty Profile

	Polymers and Materials, Electrochemical Science Advances, Nanomedicine & Nanotechnology Open Access (NNOA), Current Applied Materials, The European Physical Journal Plus, ECS Journal of Solid State Science and Technology, Materials Performance and Characterization, Engineered Science, ES Materials & Manufacturing,	
3.	Any other information	
3.1.	Strengths	Self Motivated, Honesty and Integrity, Punctuality, Learning agility: Quick learner, Team Work Skills.
4.	General information	
4.1.	Name	Shridhar N.Mathad
4.2.	Gender	Male
4.3.	Nationality	Indian
4.4.	Contact address	P.No 52, Shridhar Kripa, Ravi Nagar, Gokul Road, Hubli-580030
4.5.	Phone / mobile number	
4.6.	Email	physicssiddu@kleit.ac.in

04/12/2024	Shridhar N.Mathad
Date	Full name