

## Faculty Profile

1. **Name: Dr. Santhosh Kumar M V**
2. **Designation: Assistant Professor & HOD**
3. **Department: Physics**
4. **Academic Background:**



Sl. No.	Degree	College/University	Department/Specialization
1	Ph. D.	VTU. Belagavi. Karnataka	Physics (Nano ferrites)
2	M. Phil.	Vinayaka Mission University Salem, Tamil Nadu	Physics
3	M. Sc.	Jnana Sahyadri, / Shankaraghatta Kuvempu University	Physics (Condensed Matter Physics)
4	B. Sc.	Sahyadri Science College, Shivamogga/ Kuvempu University	Physics, Chemistry, Mathematics

5. **Contact number: 9964762794**
6. **Email id: (jitd.in, and any ): santhosh\_kmv@jitd.in**
7. **Date of joining jitd: 17.08.2011**
8. **Experience (in years): 12 Years**

Research	Academic
5 Years	12 Years

**9. Name of Ph.D. Guide and designation and address:**

Research Guide	Co-Guide
<i>Dr. G. J Shankarmurthy Associate Professor, Dept. of Physics, UBDT College of Engineering Davangere- 577004 Karnataka</i>	<i>Dr. E Melagiriappa Selection Grade Lecturer, SJM Polytechnic, Chitradurga. Karnataka</i>

**10. Publication Statistics:**

	<i>International</i>	<i>National</i>
<i>Conference</i>	<i>1</i>	<i>2</i>
<i>Journal</i>	<i>5</i>	<i>-</i>

**11. Areas of interest:**

*Solid state Physics and Material science*

**12. List of Conferences / Symposiums / Summer Schools / Faculty Development**

**Programs and Workshops Attended or volunteered.**

- I. Three day workshop on 'Research Methodology and Latex' conducted by VTU Belagavi held at Raja Rajeswari College of Engineering Bengaluru from 20th December 2016 to 22nd December 2016.*
- II. National Conference on Emerging Trends in Engineering, Research and Management (NCETERM - 2017) 8th and 9th September 2017. held at GM Institute of Technology*

**13. List of achievements:**

- i. First prize in Paper presentation (National Conference on Emerging Trends in Engineering, Research and Management (NCETERM - 2017) 8th and 9th September 2017. held at GM Institute of Technology)*

#### 14. List of significant publications (In IEEE citation format)

##### a) International Journals

- i. *M. V. Santhosh Kumar, G. J. Shankarmurthy, E. Melagiriappa, K. K. Nagaraja, H. S. Jayanna, and M. P. Telenkov, "Induced effects of Zn<sup>2+</sup> on the transport and complex impedance properties of Gadolinium substituted nickel-zinc nano ferrites," J. Magn. Magn. Mater, vol. 478, pp 12–19, 2019*
- ii. *N. Chandamma, Santhosh Kumar M. V., G.J. Shankarmurthy, E. Melagiriappa, K.K. Nagaraja, "Effect of gamma irradiation on some electrical and dielectric properties of Ce<sup>3+</sup> substituted Ni–Zn nano ferrites". J. Chinese Journal of Physics. Volume 55, Issue 4, August 2017, PP 1729-1738*
- iii. *M.V. Santhosh Kumar, "Structural and electrical properties of Zinc doped Nickel ferrites nanoparticles prepared via facile combustion technique". J. Alloys and Compounds Vol. 702 PP 479-488, 31 December 2016.*
- iv. *M V Santhosh Kumar, G. J. Shankarmurthy, E. Melagiriappa, K. K. Nagaraja, A. R. Lamani, and B. M. Harish, "Dielectric and magnetic properties of high porous Gd<sup>+3</sup> substituted nickel zinc ferrite nanoparticles," Mater. Res. Express, vol. 5, no. 4, pp. 46109, 2018*
- v. *M. V. Santhosh Kumar, G. J. Shankarmurthy, E. Melagiriappa, K. K. Nagaraja, H. S. Jayanna, and M. P. Telenkov, "Structural and complex impedance properties of Zn<sup>2+</sup> substituted nickel ferrite prepared via low-temperature citrate gel auto-combustion method," J. Mater. Sci. Mater. Electron., vol. 29, no. 15, pp. 12795–12803, 2018.*

##### b) International Conference

- i. *International Conference on recent trends in Engineering Technology and science (ICRETS-2016) held at STJIT, Ranebennur on 12th & 13th August-2016 (Structural analysis and Dielectric Properties of Cerium Substituted nano Ni<sub>0.6</sub>Zn<sub>0.4</sub>Fe<sub>2</sub>O<sub>4</sub>)*

### c) National Conference

- i. *Santhosh Kumar M V, G J Shankarmurthy, E Melagiriappa, Nagaraj K K, Jagadeesh M R, “Structural Characterization And Rietveld Refinement Of Rare Earth Substituted Nano Nickel Ferrite Synthesized By Low-Temperature Citrate Precursor Method”, 14th State Level ISTE Student's Annual Convention and 5th National Conference on Emerging Trends in Engineering, Research and Management, GM Institute of Technology, Davangere, Karnataka.*
- ii. *Jagadeesh M R, Santhosh Kumar M V, Harish Kumar M R “Growth and Characterization of Doped ADP Crystals for Optoelectronic Applications”. 14th State Level ISTE Student's Annual Convention and 5th National Conference on Emerging Trends in Engineering, Research and Management (NCETERM - 2017) GM Institute of Technology, Davangere, Karnataka.*
- iii. *Santhosh Kumar M V, G. J Shankarmurthy, E Melagiriappa, Manjunatha R S “Structural refinement and spacial occupancy of ions in Gadolinium substituted Nickel & Zinc nano ferrites”, One day National conference on recent trends on the applications of Science in engineering” (NCRSE-2018) on September 2018 held at BIET Davangere, Karnataka.*

### 15. Linked In Profile URL:

<https://www.linkedin.com/in/santhosh-kumar-a754b98b/>

### 16. Google Scholar profile URL:

[https://scholar.google.com/citations?hl=en&user=XKmB\\_oYAAAAJ](https://scholar.google.com/citations?hl=en&user=XKmB_oYAAAAJ)