Change name to **DR. NAYANA ACHARYA**

Dr. NAYANA ACHARYA

Dept. of Physics

Sri Bhuvanendra College Karkala

Teaching Experience: 16 yrs

EDUCATION / QUALIFICATION

	University	**Year**
B.Sc.	**Mangalore University**	**2001**
M.Sc. in Physics	**Mangalore University**	**2003**
Ph.D.	**Visveswaraya Technological University, Belagavi**	**2023**

PROFESSIONAL EXPERIENCE:

- Working as **lecturer** in Physics at **Sri Bhuvanendra college, Karkala** from 25 June 2022 till date.
- Worked as **Assistant Professor & H.O.D** of Physics at **Mangalore Institute of Technology and Engineering** (M. I. T. E), Moodbidri from 15 July 2013 to 30 June 2021.
- Worked as **Lecturer** in Dept of Physics at **Vijaya First Grade College, Mulki** from 12 June 2007 to 30 April 2013.

RESEARCH:

Journal publications

1. ***Nayana Acharya***, Raghavendra Sagar, Comparative study on structure, dielectric and electrical properties of cobalt- and zinc-substituted Mn_3O_4 spinels, *Applied Physics A (2020)* ***Springer*** 126:515, https://doi.org/10.1007/s00339-020-03659-3.
2. ***Nayana Acharya*****,** Raghavendra Sagar, Influence of A-site substitution on dielectric and impedance behavior of Mn3O4 spinels*, Ferroelectrics Letters Section (2019)* ***Taylor and Francis***, 46:1-3,38-45, DOI: 10.1080/07315171.2019.1647719.
3. ***Nayana Acharya***, Raghavendra Sagar, Structure and electrical properties characterization of NiMn2O4 NTC ceramics, *Inorganic Chemistry Communications, (2021),* ***Elsevier*** 108856.

4. ***Nayana Acharya***, Chaitra U, Vijeth H and Raghavendra Sagar, Highly dense Mn_3O_4 and $CuMn_2O_4$ spinels as efficient protective coatings on solid oxide fuel cell interconnect and their chromium diffusion studies, *accepted in Journals of alloys and compounds, **Elsevier** March 2022.*

5. ***Nayana Acharya***, Raghavendra Sagar, $CoMn_2O_4$ and $Cu_{0.5}Co_{0.5}Mn_2O_4$ spinels as efficient protective coating layers on SUS430 for SOFC interconnect. *Ceramics International*. https://doi.org/10.1016/j.ceramint.2023.06.197, ***Elsevier*** 22 June 2023

Conference Proceedings

1. **Nayana Acharya**, Raghavendra Sagar, Influence of frequency on dielectric and electrical behavior of $ZnMn_2O_4$, *Materials Today: Proceedings 2019,* https://doi.org/10.1016/j.matpr.2019.11.206.
2. **Nayana Acharya,** Raghavendra Sagar, Influence of temperature on frequency dependent electrical behavior of $FeMn_2O_4$, *International Conference on Applied Physics, Power and Material Science, IOP Conf. Series*: Journal of Physics: Conf. Series 1172 (2019) 012020, doi:10.1088/1742-6596/1172/1/012020.

Conference / Seminar/ Workshops attended

1. Present paper at International Conference on Recent Advances in Materials and Manufacturing (ICRAMM) held on 12-14 September 2019 at KLE Dr. M. S. Sheshagiri College of Engineering and Technology, Belagavi.
2. Presented paper at International Conference on Applied Physics, Power and Materials Science (ICAPPM) held on 5 & 6 Dec 2018 at Swami Vivekananda Institute of Technology Secunderabad , Telangana.
3. Participated in three-day workshop on Research Methodologies and Latex organized by VTU e-learning centre from 19-21 July 2016 at M.I.T.E, Moodabidri.
4. Participated in Three days national conference on Astronomy and Astrophysics held on 6-8 January 2011 at Poornaprajna college Udupi.