



B.M.S COLLEGE OF ENGINEERING, BENGALURU-19
Autonomous Institute, Affiliated to VTU
Department of Physics

AY 2023-24 (1st of July 2024- 30th of September 2024)

1) Dr. B.L Suresha

HOD & Associate Professor, Dept. of Physics

July 4st 2024: Dr. B.L Suresha, Head, Department of Physics attended Academic Performance Evaluation Committee (APEC) of faculty members of Physics department as a subject expert at SJCIT, Chikkaballapura.

August 28th, 2024: Dr. B.L Suresha, HoD, Department of Physics, attended Ph.D. review committee meeting at Ramaiah Institute of Technology, Bengaluru

2).Dr. Murugendrappa M.V

Associate Professor, Dept. of Physics

July 3th, 2024 - Dr. Murugendrappa M V, Associate Professor, Department of Physics published a research paper entitled “Investigation on the Influence of Solvents Environment on the Optoelectronic Properties of the Fluorescent Probe 1,3,4-Oxadiazole Analogues: A Combined Theoretical and Experimental Study” in **Springer: Journal of Fluorescence**, Q2 journal with impact factor 2.6, <https://doi.org/10.1007/s10895-024-03822-6>

July 5th, 2024 - Dr. Murugendrappa M V, Associate Professor, Department of Physics nominated as Member of the Expert Committee for Pre- Ph.D Registration Interviews. The interviews for the eligible candidates were conducted using Video Conferencing mode.

19th July 2024: Dr. Murugendrappa M V, Associate Professor, Department of Physics participated in the Board of Studies meeting of First Year Syllabus of Applied Science and Humanities, at Bapuji Institute of Engineering & Technology, Davanagere.

30th July 2024: Dr. Murugendrappa M V, Associate Professor, Department of Physics invited as an external subject expert at Department of Physics, RNS Institute of Technology, Bengaluru.

August 02nd & 3rd 2024: Dr. Murugendrappa M V, Associate Professor, Department of Physics participated in the international conference on 13th Edition of Bengaluru India Nano 2024 on the theme "Nanotechnology for Sustainability: Climate, Energy and Healthcare" held at The Lalit Ashok, Bengaluru organized by, Govt. of Karnataka.



August 9th, 2024: Dr. Murugendrappa M V, Associate Professor, Department of Physics published a research paper entitled “Photophysical studies on donor-p-acceptor substituted 1,3,4-oxadiazole derivatives for optoelectronic application: experimental and theoretical analysis” in **Journal of Optics**, Q2 journal with impact factor 1.6 **E-ISSN: 0974-6900, Print ISSN: 0972-8821** <https://doi.org/10.1007/s12596-024-02023-5>

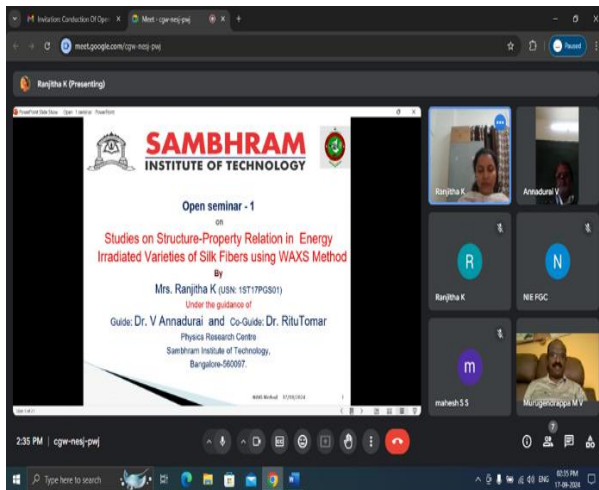
August 12th, 2024: Dr. Murugendrappa M V, Associate Professor, conducted an online interview for the selection of candidates for the post of Assistant Professor in Physics for GSSS Institute of Engineering and Technology for Women, Mysuru as a subject expert.

August 16th, 2024: Dr. Murugendrappa M V, Associate Professor, Department of Physics published a research paper entitled “Structural, morphological, magnetic, and dielectric properties of copper-substituted $\text{Cu}_x\text{Zn}_{(1-x)}\text{Fe}_2\text{O}_4$ nanoparticles: Green synthesis” in **Journal of Metals, Materials and Minerals**, Q4 journal with impact factor 0.7, Vol. 34(3), 1995 **ISSN: 2630-0508** <https://doi.org/10.55713/jmmm.v34i3.1955>

August 21st, 2024: Dr. Murugendrappa M V, Associate Professor, Department of Physics, participated in the Board of Studies meeting of First Year Syllabus of Applied Science and Humanities, at Nagarjuna College of Engineering and Technology, Bengaluru.



September 17th 2024: Dr. Murugendrappa M V, Associate Professor, Department of Physics invited as an external subject expert for conduction of Open Seminar 1 of research scholar Mrs. Ranjitha K USN - 1ST17PGS01 at Department of Physics, Sambhram Institute of Technology, Bengaluru through online mode.



3) Dr. Latakumari

Asso. Professor, Dept. of Physics

August 02nd & 3rd 2024: Dr. Latha Kumari, Associate Professor, Department of Physics participated in the international conference on 13th Edition of Bengaluru India Nano 2024 on the theme "Nanotechnology for Sustainability: Climate, Energy and Healthcare" held at The Lalit Ashok, Bengaluru organized by, Govt. of Karnataka.



August 30th 2024: Dr. Latha Kumari, Associate Professor, Dept. of Physics, along with research scholar M Uday Kumar published a research paper entitled "Substantial enhancement of thermoelectric power factor of undoped CoSb₃ skutterudites processed by microwave sintering" Appl. Phys. A (2024) with impact factor 2.98, SJR: Q2, ISSN: 0947-8396, volume-130.

DOI: <https://doi.org/10.1007/s00339-024-07812-0>

4) Dr. Kaliprasad

Asst. Professor, Dept. of Physics

July 10th to 13th 2024: Dr. Kaliprasad C S, Assistant Professor, Department of Physics participated in the DAE-BRNS sponsored 11th biennial symposium on "Emerging in Separation Science and Technology (SESTEC-2024)" and presented a paper on "Measurement of radon activity concentration in water in the region of Chikkaballapura district, Karnataka, India" organized by Bhabha Atomic Research Centre, Mumbai in association with HSNC University, Worli, Mumbai and Association of Separation Scientists and Technologists (ASSET).

5) Dr. Karthik Kumara K

Asst. Professor, Dept. of Physics

July 14th 2024 - Dr. Karthik Kumara, Assistant Professor, Department of Physics, published a research paper entitled "Crystal structure, supramolecular features and antibacterial activities of a Cu(II) Schiff base complex using a bidentate N₂O₂ donor Schiff base ligand" in Journal of Molecular Structure, Impact factor - 4, Q2 journal, 14 July 2024, Pg Nos 139264.

<https://doi.org/10.1016/j.molstruc.2024.139264>

July 14th 2024 - Dr. Karthik Kumara, Assistant Professor, Department of Physics, published a research paper entitled "Structural and computational exploration of zwitterionic and quinoidal forms in Schiff base compound" in Journal of Molecular Structure, Impact factor - 4, Q2 journal, 14 July 2024, Pg Nos 139289. <https://doi.org/10.1016/j.molstruc.2024.139289>

6) Dr. Manjunatha S.O

Asst. Professor, Dept. of Physics

July 14th 2024 - Dr. Manjunatha S.O, Assistant Professor, Dept. of Physics, published a research paper entitled “Exploring the impact of Sm³⁺ doping on the structural, optical, and photocatalytic properties of ZnAl₂O₄ spinels”, Ceramics International (2024) (In Press) with impact factor **5.2**, **SJR: Q1**, ISSN 0272-8842 (print) 1873-3956 (Electronic)
DOI: <https://doi.org/10.1016/j.ceramint.2024.07.136>

7) Dr. Sharanappa Chapi

Asst. Professor, Dept. of Physics

September 21st 2024 :Dr. Sharanappa Chapi, Assistant Professor was invited as a resource person for the Student Induction Program on “**Advanced Materials in the 21st Century**” at R R Institute of Technology Bengaluru, Karnataka on 21st September 2024.



8) Dr. Rafiq Mulla

Asst. Professor, Dept. of Physics

September 23rd 2024 – Dr. Rafiq Mulla, Assistant Professor, Department of Physics published a research paper entitled “Progress in transparent Thermoelectrics” in Smart Materials and

Structures (IOP), Volume 33, Page number: 103002, September 23rd, 2024, and WOS & Scopus Indexed, Quartile: Q2, Impact factor: 3.7

Online ISSN:1361-665X, DOI: <https://iopscience.iop.org/article/10.1088/13>

61-665X/ad7a42 0957-4522 <https://doi.org/10.1007/s10854-024-12086-6>

9) Dr. Shubha A

Asst. Professor, Dept. of Physics

August 19th & 23rd 2024: Dr. Shubha A, Assistant Professor, Department of Physics participated in the international webinar series on Quantum Science and Technology organised by KSTA, Department of Science and Technology, Govt. of Karnataka.
