



Shri Shivaji Education Society Amravati's  
**Science College**

Congress Nagar, Nagpur  
Accredited with CGPA of 3.51 at 'A+' Grade



***Department of Physics***

**Project Title List M.Sc.-II (2023-24)**

Sr. No.		Name of the Students	Project Title
1.	Ku	Achal Diwakar Mohurle	Investigation of optical properties of Ni-Cu-Zn ferrites with the substitution of lanthanum
2.	Ku	Premlata Ishwardas Uparikar	Study of influence of calcination temperature on ni <sub>0.5</sub> , zn <sub>0.5</sub> , Fe <sub>2</sub> O <sub>4</sub> synthesis using Hydrothermal Method .
3.	Ku	Purna Ambade	Influence of trivalent incorporation in cd,cd-La,cd- Dy spinel ferrites on structural, magnetic and optical parameter
4.	Mr.	Rahul Khangar	Improvement of energy storage density and energy harvesting performance of amphoteric Pr ion-modified lead-free (BCST) ceramics.
5.	Ku	Riya Faldu	Synthesis of Silver Nanoparticles using Green leaves.
6.	Ku	Sakshi Nale	Comparative study for impact of different synthesis approaches on structural and magnetic properties of Ni-Zn nanostructured ferrites by solving get auto combustion, co-ppt and hydrothermal method.
7.	Ku	Samiksha Bhusari	Structural and Magnetic study of Bi <sup>3+</sup> incorporated Mg-Zn spinel Ferrite synthesized using Sol-gel approach.

8.	Ku	Vaishnavi Ramesh Khade	Synthesis and characterization of Ni <sub>0.5</sub> Zn <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> spinal ferrites by using CO-PRECIPIATION approach according to different pH(7,10,12)
9.	Mr.	Vedant Maske	Improvement of energy storage density and energy harvesting performance of amphoteric Pr ion-modified lead-free (BCST) ceramics.
10.	Mr.	Yash Shriprakash Chaube	Investigation of structural properties of Ni-Cu-Zn ferrites with the substitution of lanthanum.



**Dr. S. W. Anwane**  
Professor and Head  
Department of Physics  
Shri Shivaji Education Society Amravati's  
SCIENCE COLLEGE  
Congress Nagar, Nagpur.