



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

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



**M.Sc. Sem IV – Projects (Summer 2022-23)**

<b>M.Sc. II (Sem-IV) - Project Summer 2022-23</b>				
<b>Sr.no.</b>	<b>Title</b>	<b>Name</b>	<b>Name of Guide</b>	<b>Name of Co-Guide</b>
1	Synthesis and characterization of MgNiZn Spinel Ferrite by using Sol-gel Autocombustion mtd	Ankita Subhash Fulzele	Dr. S. W. Anwane	Mr. Swapnil Belkhude & Mr. Sarang Daf
2	Left as selected as Lieutenant	Anuj Chandrashekhar Ghatate	Dr. S. W. Anwane	Ms. Kanchan Jivnapurkar
3	Synthesis & characterization of MgNiZn mixed Spinel Ferrite	Bhakti Avinash Thakre	Dr. S. W. Anwane	Mr. B. T. Kumbhare
4	The structural and optical properties of double perovskite (La <sub>2</sub> Ni <sub>0.5</sub> Co <sub>0.5</sub> MnO <sub>6</sub> )-BaTiO <sub>3</sub> composite system	Bhumesb Madhukar Ukey	Dr. S. W. Anwane	Ms. Chanda Jatgade
5	Study of Spinel Ferrites of MgNiZnFE <sub>2</sub> O <sub>4</sub> ny using hydrothermal Method	Bhushan Kishor Dange	Dr. S. W. Anwane	Mr. Swapnil Belkhude & Mr. Sarang Daf
6	Study of photoluminescence properties of Calcium Phosphate	Dhanashree Dhopte	Dr. S. W. Anwane	Dr. S. K. Sayyad

7	Synthesis & characterization of MG-Ni-Zn of spinel ferrite by using co-precipitation method	Dipak Shiwpal Vaidya	Dr. S. W. Anwane	Mr. Swapnil Belkhude & Mr. Sarang Daf
8	Study of photoluminescence Properties of Strontium Phosphate	Karishma Suresh Yelne	Dr. S. W. Anwane	Dr. S. K. Sayyad
9	Synthesis & study of optical & structural properties of Lanthenum doped NiZn spinel ferrite by sol gel mtd	Keshao Kawadu Bhagat	Dr. S. W. Anwane	Dr. G. L. Jadhav
10	Review: Nanofibers by electrospinning Method & its application	Manasi Mahesh Sabne	Dr. S. W. Anwane	Dr. R. J. Dhokne
11	Synthesis & study of optical & structural Properties of Lanthenum doped NiZn spinel ferrite by sol gel mtd	Mayur Devendra Shivankar	Dr. S. W. Anwane	Dr. G. L. Jadhav
12	Synthesis and Study of effect of Sintering temperature on the density of Lanthenum Based Double Perovskite (LaNi <sub>0.5</sub> Co <sub>0.5</sub> MnO <sub>6</sub> )	Omeshwar Dyaneshwar Verma	Dr. S. W. Anwane	Dr. S. K. Sayyad
13	Synthesis & structural properties of Lanthenum doped NiZn spinel ferrite by sol gel Method	Pallavi Krushna Khadse	Dr. S. W. Anwane	Dr. G. L. Jadhav
14	Comparative Study of Mg-Cu-Zn Spinel ferrite using different Method of synthesis	Pallavi Pandurang Hinge	Dr. S. W. Anwane	Ms. Kanchan Jivnapurkar & Mr. Sarang Daf
15	Synthesis & characterization of Polyacrylonitrile (PAN) fibers using electrospinning Method	Pavan Rajendra Dongare	Dr. S. W. Anwane	Dr. S. V. Khangar

16	Ultrasonic assisted fabrication of PAN fibers using Electrospinning Method	Pinkee Pralhad Khotele	Dr. S. W. Anwane	Dr. S. V. Khangar
17	Structural property of MnZnFe <sub>2</sub> O <sub>4</sub> PH dependent by using Co-ppt	Saniya Vadhid Turak	Dr. S. W. Anwane	Mr. B. T. Kumbhare
18	Synthesis & Characterization of Aluminum, Lanthanum & Strontium doped spinel ferrite by using sol-gel auto combustion Method	Satish Suklal Rahangdale	Dr. S. W. Anwane	Mr. B. T. Kumbhare
19	Synthesis & Structural properties of Lanthanum doped NiZn spinel ferrite by sol-gel Method	Shivani Sanjay Borade	Dr. S. W. Anwane	Dr. G. L. Jadhav
20	Photoluminescence properties of Phosphor added polystyrene thin film	Shraddha Sanjay Warbhe	Dr. S. W. Anwane	Dr. R. J. Dhokne
21	Photodegradation properties of Bismuth based piezoceramics	Shweta Raghu Iyer	Dr. S. W. Anwane	Ms. Chanda Jatgade
22	Study of photoluminescence properties of Barium Phosphate	Surbhi Rajusingh Jaganwar	Dr. S. W. Anwane	Ms. Chanda Jatgade
23	Synthesis of PVP Composite Fibers using ultrasonic assisted electrospinning	Vaishnavi Naresh Zalke	Dr. S. W. Anwane	Dr. S. V. Khangar
24	Tunneling times, Hartman effect and Superluminality	Viplov Gyaneshwar Dhoke	Dr. S. W. Anwane	Ms. Kanchan Jivnapurkar



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