



Rayat Shikshan Sansthas

**Annasaheb Awate Arts, Commerce & Hutatama Babu Genu Science College,  
Manchar, Tal-Ambegaon, Dist-pune**

NAAC Accredited 'A' Grade



## Research Center in Chemistry

### Ph.D. Students Information 2022

| S.N | Application ID | Full Name                                  | Research Guide                        | Research Topic   | Date of Registration | Category | Status     |
|-----|----------------|--|---------------------------------------|--|----------------------|----------|------------|
| 1.  | 21030074593    | <b>Arun Lahanu<br/>Wakchaure</b>           | <b>Kanade<br/>Kaluram<br/>Genbhau</b> | NANOSIZED METAL DOPED ZnO & Fe <sub>2</sub> O <sub>3</sub> AS A CATALYST FOR THE SYNTHESIS OF BIOLOGICALLY ACTIVE PYRAZOLES & CHROMENES  | 29/04/2022           | OBC      | In Process |
| 2.  | 21030122627    | <b>Rohinee<br/>Digambar Hoval</b>          | <b>Shinde Santosh<br/>Tukaram</b>     | Synthesis and Characterization of N-doped TiO <sub>2</sub> Based Nanocrystalline Materials for Base Catalyzed Organic Transformation   | 18/08/2022           | OBC      | In Process |
| 3.  | 21030040036    | <b>Vikas Mahadu<br/>Punde</b>              | <b>Kadam<br/>Sushama<br/>Sukhdev</b>  | Computational Drug Designing, Synthesis, Characterization and Therapeutical activities of N-Substituted Benzimidazol-2-one Derivatives.  | 29/04/2022           | OBC      | In Process |
| 4.  | 21030141877    | <b>Ganesh Shahaji<br/>Jadhav</b>           | <b>Shinde Santosh<br/>Tukaram</b>     | Synthesis of N-Heterocyclic Motif by ZnO Based Nanocrystalline Materials and its Biological Screening  | 18/08/2022           | Open     | In Process |
| 5.  | 21030202726    | <b>Mayuri<br/>Balasaheb<br/>Kharde</b>     | <b>Kadam<br/>Sushama<br/>Sukhdev</b>  | Synthesis and Characterization of ZrO <sub>2</sub> & TiO <sub>2</sub> Based Nanocrystalline Materials for C-N Bond Forming Organic Transformation.                               | 29/04/2022           | Open     | In Process |
| 6.  | 21030139558    | <b>Nilesh Paymode</b>                      | <b>Kadam<br/>Sushama<br/>Sukhdev</b>  | Designing, Virtual screening, Synthesis, Characterization and Biological activity of Novel Substituted 2-Amino oxazole and 2-Amino thiazole Derivatives.                         | 29/04/2022           | Open     | In Process |
| 7.  | 21030203922    | <b>Pranali<br/>Pandharinath<br/>Indore</b> | <b>Kale Anandrao<br/>Akaram</b>       | Synthesis, Characterization of Transition Metal Doped ZnO and CdO Nanocrystalline Materials and its Catalytic Application for the Preparation of Quinoline and Pyrimidine Motif. | -                    | Open     | In Process |
| 8.  | 21030127630    | <b>Pranjali<br/>Ratnkumar<br/>Nalawade</b> | <b>Shinde Santosh<br/>Tukaram</b>     | Synthesis and Characterization of MoO <sub>2</sub> & Nb <sub>2</sub> O <sub>3</sub> Based Nanocrystalline Materials for C-C Bond Forming Organic Transformation.                 | 18/08/2022           | Open     | In Process |
| 9.  | 21030238880    | <b>Sachin Babaji<br/>Nikam</b>             | <b>Misal Sham<br/>Bhikaji</b>         | Synthesis of Lanthanum Substituted Mixed Metal Oxide and its Study of Structural, Electrical and Magnetic Properties   | 18/08/2022           | Open     | In Process |

|     |             |                                |                                  |  |            |      |            |
|-----|-------------|--------------------------------|----------------------------------|--|------------|------|------------|
| 10. | 21030137560 | <b>Samir Suleman Shaikh</b>    | <b>Moulavi Mansur Hisamuddin</b> | Nanocrystalline Transition Metal Mixed Oxide Catalysts for Tandem Oxidation Condensation Reactions               | 18/08/2022 | Open | In Process |
| 11. | 21030122044 | <b>Shantanu Suresh Thakare</b> | <b>Kale Anandrao Akaram</b>      | INVESTIGATION OF ECO-FRIENDLY ADSORPTIVE MATERIAL FOR THE STUDY OF ADSORPTION OF DYES, PHENOLS AND HEAVY METALS. | 29/04/2022 | Open | In Process |
| 12. | 21030215115 | <b>Sujata Vaibhav Thombare</b> | <b>Kanade Kaluram Genbhau</b>    | NANOSTRUCTURED MOLYBDENUM AND TUNGSTEN DICHALCOGENIDES FOR BATTERY APPLICATIONS                                  | 29/04/2022 | Open | In Process |
| 13. | 21030001680 | <b>Kavita Gajanan Sonawane</b> | <b>Kadam Sushama Sukhdev</b>     | PHOTOCATALYTIC AND ANTIMICROBIAL ACTIVITIES OF SYNTHESIZED NANOSTRUCTURES OF COBALT AND CERIUM BASED OXIDES      | 29/04/2022 | SC   | In Process |