



**15th Inter-Collegiate/Institute/Department Avishkar  
Research Convention**

AY-2022-23

**Category 1 – Humanities, Languages and Fine Arts**

| Sr. No. | Name of Student                                    | Title of Project   | Class (UG/PG) | Department | Name of Mentor    |
|---------|--|--|---------------|------------|-------------------|
| 1       | Rajmangal Choudhary and Alka Yadav                 | Generational Gap And Its Effect On Parents And Children              | TYBAF (UG)    | BAF        | Mr.Pankaj Dandge  |
| 2       | Nikita Vengurlekar, Tanishka Shirsekar, Tanvi Gade | Pornography in Association with Masturbation in Young Adult Females. | TYBA (UG)     | Psychology | Dr. Bawiskar      |
| 3       | Arya Gawade, Hritvi Chitroda                       | Association between Religion, People Pleasing and Altruism.          | TYBA (UG)     | Psychology | Dr. Bawiskar      |
| 4       | Satvika Puli                                       | Designing cooperate social responsibility networking system          | SYBMS         | BMS        | Ms Neha Kulkarni  |
| 5       | Aarushi Shinde, Manasvi Somaiya                    | A Biopsychosocial Perspective on "Man Box": Indian Context.          | TYBA (UG)     | Psychology |                   |
| 6       | Fatima Shaikh, Khadiya Khan, Alifiya Patel         | Multilingualism and Personality: A Correlational Study.              | TYBA (UG)     | Psychology |                   |
| 7       | Shrusha SharadPatil                                | New trends in English Content Writing                                | MA II (PG)    | English    | Dr.Prachi Sinha   |
| 8       | Mayuri Anil Gaikwad                                | A special temporal study of lightening disasters in India            | MA I (PG)     | Geography  | Dr.Shruti Pethkar |



**15th Inter-Collegiate/Institute/Department Avishkar  
Research Convention**

AY-2022-23

**Category 2 - Commerce, Management and Law**

| Sr. No. | Name of Student                                   | Title of Project  | Class (UG/PG) | Department | Name of Mentor  |
|---------|---|---|---------------|------------|-----------------|
| 1       | Prathamesh Vijay Nalawade<br>Pooja Ananda Kolekar | A study of Financial Inclusion with reference to Bank of Maharashtra , Koparkhairane, Navi Mumbai | SYBAF (UG)    | BAF        | Jyotikhaire     |
| 2       | Miss Nishita Uday Patil                           | Study Of Women Entrepreneurship and Leading Women Entrepreneurs In India                          | M.Com-II      | Commerce   | Dr.Harsha Goyal |
| 3       | Miss Swati Maruti Patil                           | Problems And Challenges Faced While Doing Research”   | M.Com-II      | Commerce   | Dr.Harsha Goyal |
| 4       | Miss Sonal Machhindra Pathare                     | Impact Of Junk Foods On Health Of Youth In Navi Mumbai  | M.Com-II      | Commerce   | Dr.Harsha Goyal |
| 5       | Miss. Harshita Gangadhar Poojari                  | Study Of Female Participation In Sport Modern India”  | M.Com-II      | Commerce   | Dr.Harsha Goyal |
| 6       | Miss. Shafaqzehra Imda dhussain Naqvi             | “Literacy Rate Of Muslim Women’s In Today’s Era”  | M.Com-II      | Commerce   | Dr.Harsha Goyal |
| 7       | Miss Shrutika Anant Patil                         | “Evolution Of Balaji Telefilms Founded By:- Trp Queen Ekta Kapoor”                                | M.Com-II      | Commerce   | Dr.Harsha Goyal |
| 8       | Ms. Nikita Sawant                                 | Impact Of Gender Bias & Its Impact Of Society   | M.Com-I II    | Commerce   | Dr.Harsha Goyal |



**15th Inter-Collegiate/Institute/Department Avishkar  
Research Convention**

AY-2022-23

**Category 3–Pure Sciences**

| <b>Sr. No.</b> | <b>Name of Student</b>                                    | <b>Title of Project</b>  | <b>Class (UG/PG)</b> | <b>Department</b> | <b>Name of Mentor</b> |
|----------------|---|--|----------------------|-------------------|-----------------------|
| 1              | Vaishali Suresh Rathod & Chaitali Ashok Marathe           | Extraction of natural dye and indicator from various flowers   | MSC II               | Chemistry         | Dr. Vrushali Raut     |
| 2              | Trupti chavan and Jui Tambe                               | Quinoxaline synthesis using greener root   | MSC II               | Chemistry         | Dr. Vrushali Raut     |
| 3              | Rajaram Bapu Gunjal , Sahil Suresh Jadhav                 | Molecular Docking and Machine Learning in Organic Synthesis  | MSC II               | Chemistry         | Dr. Shilpa Nath       |
| 4              | Shreya Santosh Walavalkar                                 | Charging Secondary Storage devices using Triboelectric Nanogenerators                                    | MSC I                | Physics           | Dr. V. B. Pujari      |
| 5              | Kartikey Jagannath Chavan                                 | Biodegradation of hydrocarbon pollutant by spray and calcium alginate beads immobilized with KKS isolate | TYBSC                | Microbiology      | Dr. Keshav Shinde     |
| 6              | Dhanashi Dhobale and Abhishek Gupta                       | Toxicity Study in Marine Microalgae exposed to oxidative stress.   | TYBSC                | Biotechnology     | Dr. Pooja Satose      |
| 7              | Nourin Malik, Misbah Shoeb Qureshi, Tejal Virendra Tayade | Identification and quantification of microplastic in fruit and vegetables                                | S.Y. B.Voc.          | Food Technology   | Ms Money Singh        |
| 8              | Ritu Garad  | Isolation production and application of pigment producer from chemical effluent.                         | TYBSC                | Microbiology      | Dr. Keshav Shinde     |



**15th Inter-Collegiate/Institute/Department Avishkar  
Research Convention**

AY-2022-23

**Category 4–Agriculture and Animal Husbandry**

| Sr. No. | Name of Student                     | Title of Project   | Class (UG/PG) | Department    | Name of Mentor       |
|---------|-------------------------------------|--|---------------|---------------|----------------------|
| 1       | Arpita Ghadage and Arpita Pokharkar | Microbial degradation of residual fish waste and use of hydrosylate as plant growth stimulator                       | TYBSC         | Biotechnology | MS. Manminde r Riyat |
| 2       | Aarti Chavan                        | Isolation, production and application of pigment producer microbes from soil sample                                  | TYBSC         | Microbiology  | Dr. Keshav Shinde    |
| 3       | Prajakta Ingawale                   | Isolation and characterization of phosphate solubilizer fungi and screening of its plant growth promoting activities | TYBSC         | Microbiology  | Dr. Keshav Shinde    |
| 4       | Tanushri Shewde                     | Production of bio plastic from microbial source  | TYBSC         | Microbiology  | Dr. Keshav Shinde    |

**Category 5–Engineering and Technology**

| Sr. No. | Name of Student   | Title of Project  | Class (UG/PG) | Department   | Name of Mentor        |
|---------|---|---|---------------|--------------|-----------------------|
| 1       | Shruti Shrivastav   | Analysis of number of vehicles from traffic signal using Fourier Series | TYBSC         | Mathematics  | Dr. Dhanorkar Gajanan |
| 2.      | Yashraj Magdum, Sandesh Lalaram, Khan Mohammad Ashraf, Khan Mohammad Ashraf Akhtar Hussain, Khan Mohd Aarish Nizamuddin | Natural Language Processing   | MSc I         | Data Science | Dr. Manisha Abhyankar |
| 3       | Tamanna Ajay Singh  | Decision Making Using Fuzzy Algorithm                                   | TYBSC         | Mathematics  | Mr. T. A Shelar       |
|         |   |   |               |              |                       |
|         |   |   |               |              |                       |



University of Mumbai  
Department of Students' Development

**15th Inter-Collegiate/Institute/Department Avishkar  
Research Convention**

AY-2022-23

**Category 6 – Medicine and Pharmacy**

| <b>Sr. No.</b> | <b>Name of Student</b> | <b>Title of Project</b>  | <b>Class (UG/PG)</b> | <b>Department</b> | <b>Name of Mentor</b> |
|----------------|------------------------|--|----------------------|-------------------|-----------------------|
| <b>1</b>       | Mansi Juvekar          | Extraction and characterization of pigment from pond water sample. | TYBSC                | Microbiology      | Dr. Keshav Shinde     |

**Total Projects = 32**