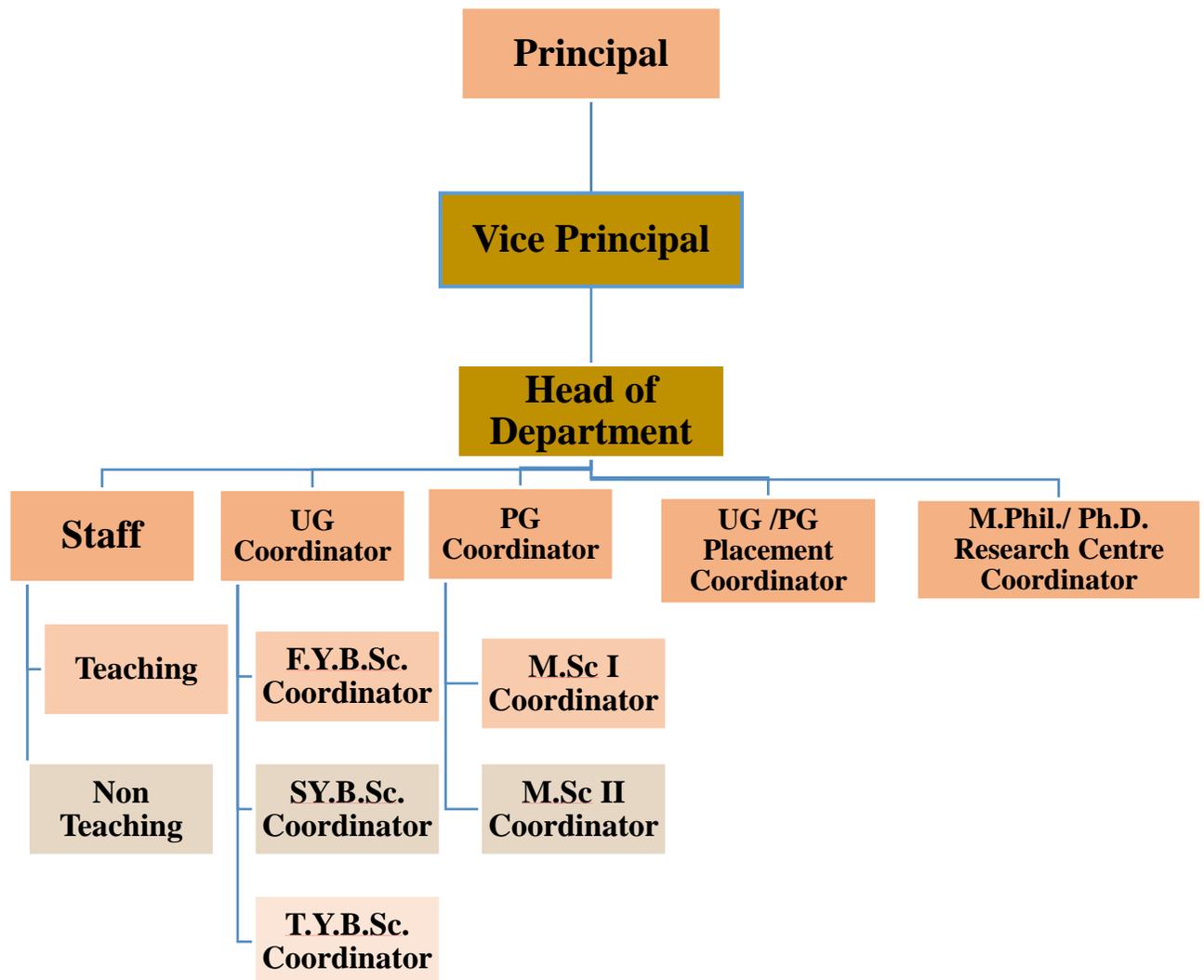


GOVERNANCE OF THE DEPARTMENT



ABOUT THE DEPARTMENT.....

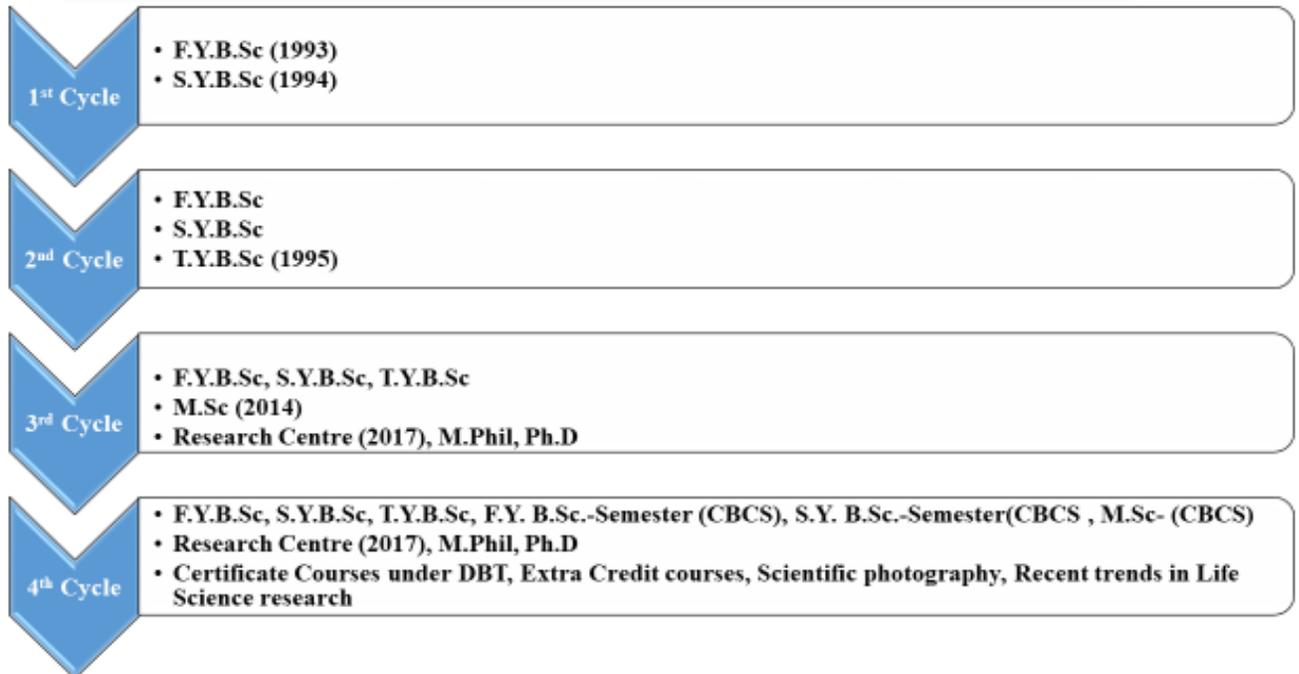
The Department of Zoology was established in 1993 with the commencement of B.Sc. Zoology. M.Sc. Zoology (specialization Entomology) was started in 2014. Recently the Department has taken a leading step and started Research Center (M.Phil/Ph.D) under the affiliation of Savitribai Phule Pune University (2017). There are research projects funded by UGC, BCUD SPPU, Pune, Government of Maharashtra and MAHARASTRA Forest Department.

The Department has launched a Modern Consultancy for Bio business and placement cell. The main objective of this center is to train students, veterinarians, biologists, physiologists, bio-engineers, biomedical scientists, etc. to collaborate with technology driven people and make them familiar with modern technology and provide opportunities for Placement and Entrepreneurship. Faculty of the Department has filed a patent. The Department has received a funding of Rs. 40 lakhs under Pradhan Mantri Matysa Sampada Yojna, Government of Maharashtra under which a disease diagnostics laboratory for aquatic animals has been set up.

DEPARTMENTAL HIGHLIGHTS

- Research work in the areas of Ichthyology, Toxicology, Limnology, Entomology, Herpetology, Photochemistry and Mycology.
- Organization of courses on advanced topics to supplement the curriculum.
- Research project sponsored by BCUD/UGC.
- Department is sponsored by DBT-STAR, DST-FIST schemes.
- Department has collaboration with different National Research Institutes.
- A holistic development of students by ensuring the participation of maximum students in co-curricular & extra-curricular activities.
- Research publications by students and faculty.
- Memorandum of Understanding: Central Silk Board, India, Ashwamedh Biotech Kopargaon, Ahmednagar, Bee basket, Vaidika group, Pune, West Coast Aquaculture, GSABS, Mumbai etc.

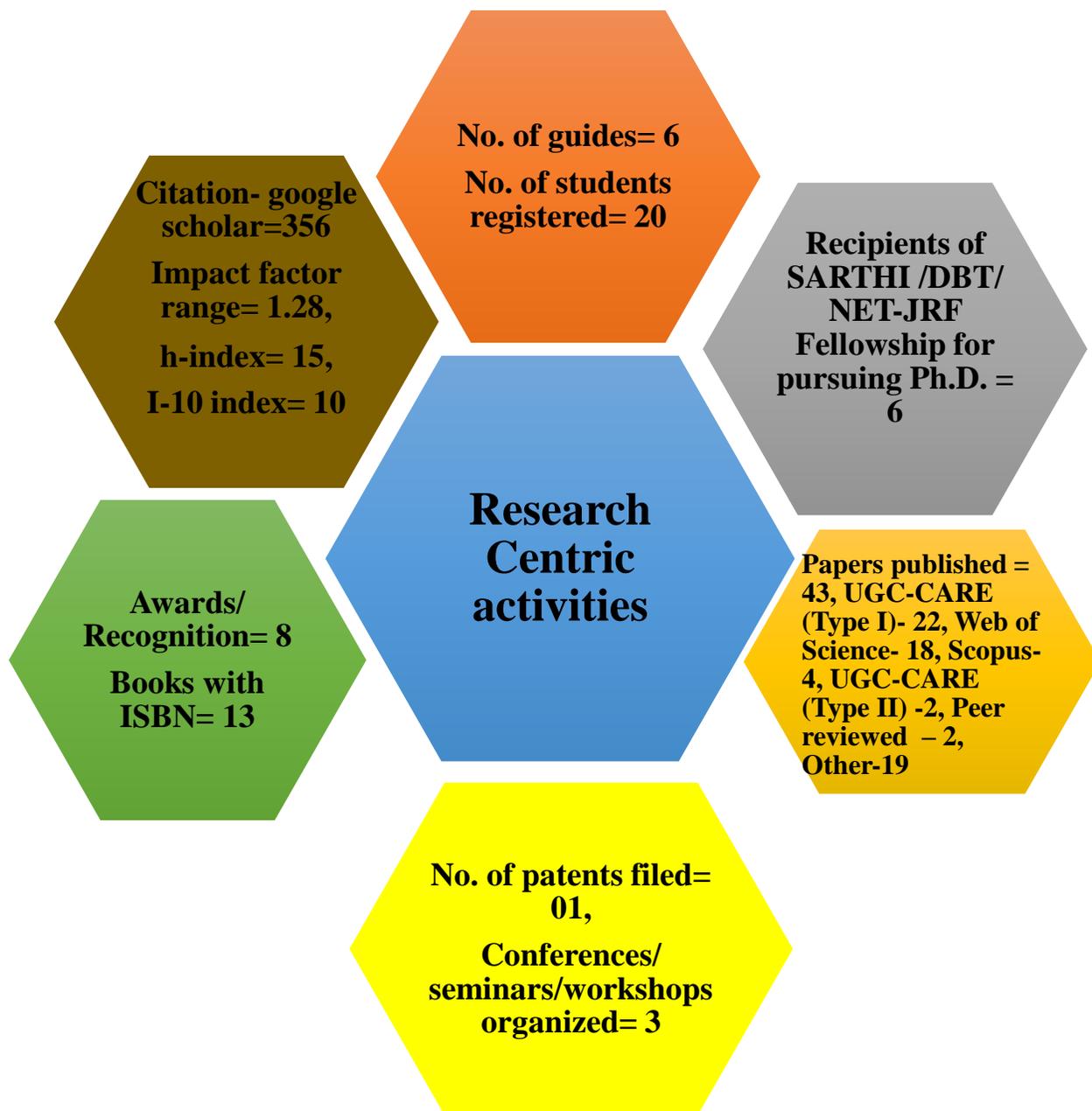
DEPARTMENTAL PROGRESSION



PILLARS OF THE DEPARTMENT



DEPARTMENTAL RESEARCH



Council of Scientific and Industrial Research
National Chemical Laboratory



विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY

RESEARCH SCHOLARS OF THE DEPARTMENT



Dr. Ranjit More (Ph.D. awarded- 2022)



Ms. Priyanka Patil, Ms. Sarita Mankar, Ms. Deepika Walunj, Mr. Ganesh Markad, Ms. Heena Begde, (Ph.D. pursuing)



Mr. Mubeen Shaikh, Mr. Vishal Owhal, Mr. Sanjay Pokale, Ms. Manisha Mategaonkar, Ms. Aboli Belhekar (Ph.D. pursuing)



Ms. Mithila Chinchalkar, Ms. Hemangi Gavit, Ms. Gayatri Tingre, Ms. Varsha Bhong, Mr. Meghnath Ingole (Ph.D. pursuing)



Ms. Sneha Bhonsle, Mr. Ajinkya Unawane, Ms. Kalyani Aher Gavit, Mr. Rahul Dhekane (Ph.D. pursuing)

RESEARCH SCHOLARS AWARDED Ph.D.

Name of the guide: Dr. Sanjay Kharat



Name of the students: Dr. Vasant Narke (Ph.D. 2015), Dr. Sachin Gosavi (Ph.D. 2019), Dr. Nirbhay Pimpale(Ph.D. 2020), Dr. Rupesh Raut (Ph.D. 2021)

Name of the guide: Dr. Shakera Inamdar



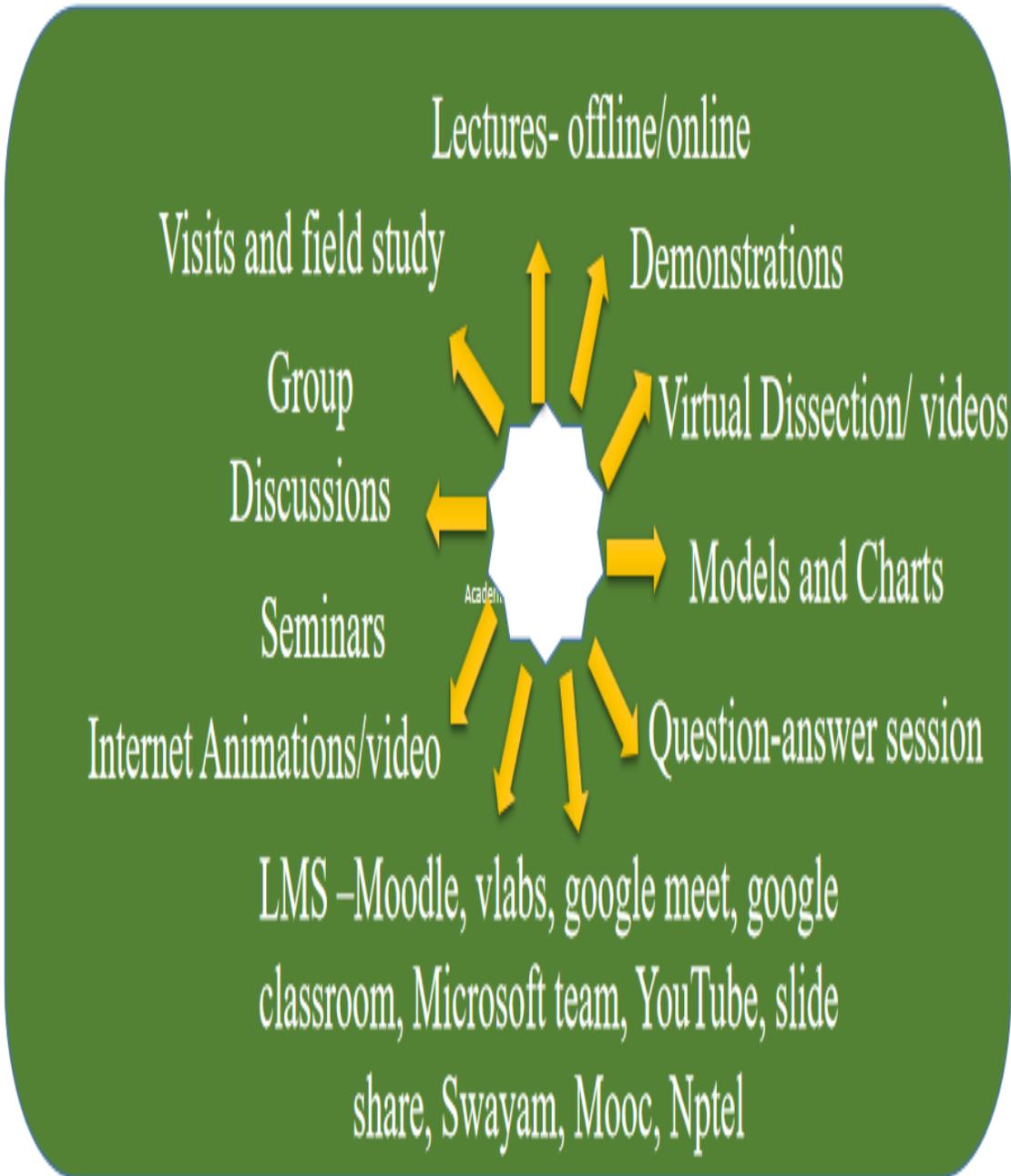
Name of the students: Mrs. Bharti Patil (M.Phil 2012), Mr. Sanjaykumar Pokale (M.Phil 2012), Ms. Meghana Kulkarni (M.Phil 2021), Mr. Shamim Malik (Ph.D 2022)

Name of the guide: Dr. Ravindra Kshirsagar



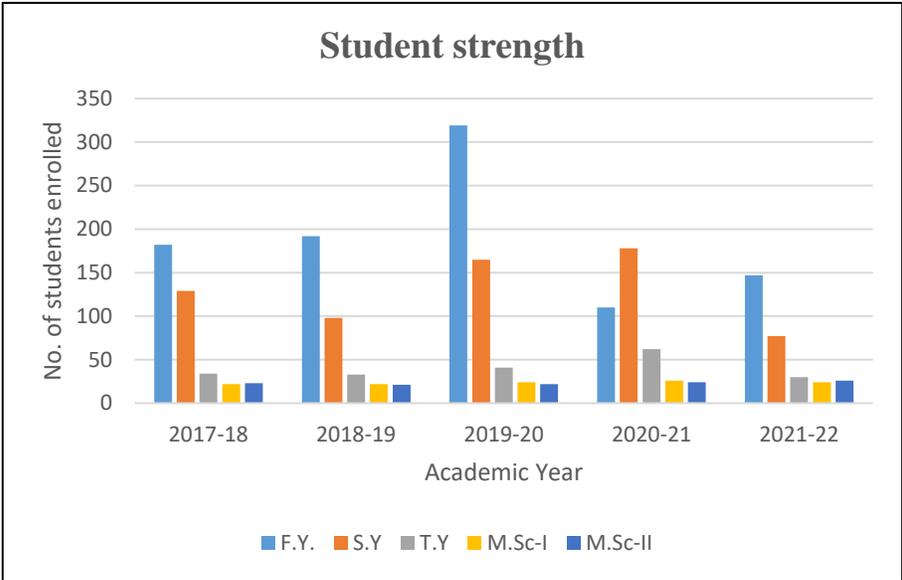
Name of the students: Dr. Tejaswini Jagtap (Ph.D 2022), Dr. Pandit Jagtap (Ph.D. 2015), Dr. Mukta Shinde (Ph.D. 2016), Dr. Ramprakash Bhaiyalal (Ph.D. 2019), Dr. Pratibha Sawant (Ph.D. 2020), Dr. Neelam Redekar (Ph.D. 2021)

METHODS OF CURRICULUM DELIVERY

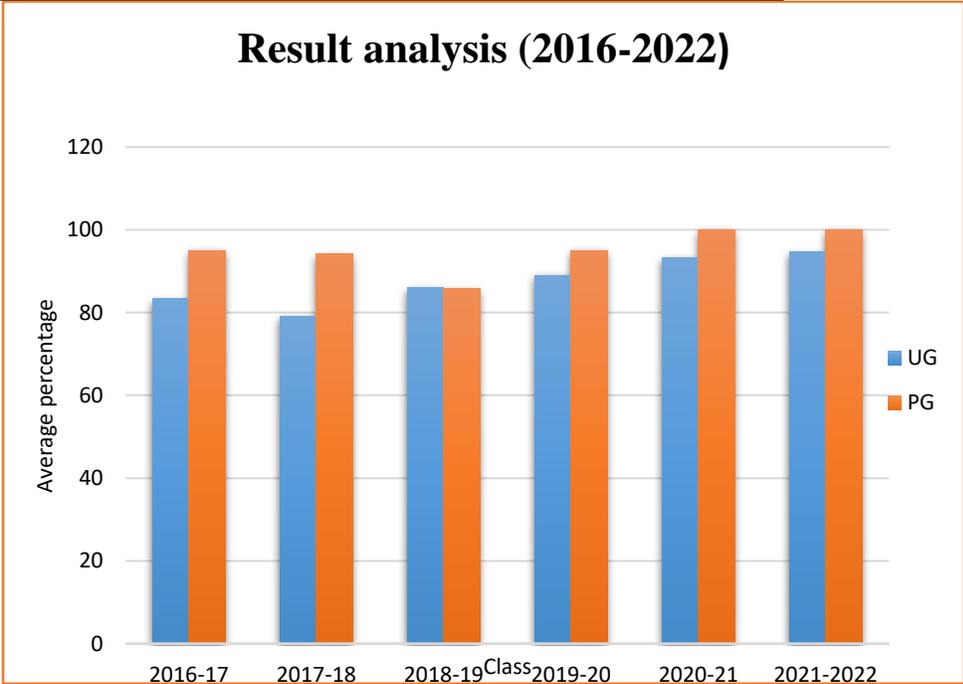


PROMOTING USE OF TECHNOLOGY

STUDENT ENROLLMENT AND DIVERSITY



The students enrolled in the Departments are diverse, apart from Maharashtra there are students from Delhi, Uttar Pradesh, Madhya Pradesh, Bihar and Rajasthan, J&K, Assam



Course attainment levels: 1 (40 to 50 %), 2 (51-60%), 3 (61-100%)

INFRASTRUCTURE

No. of Classrooms – 05

No. of Laboratories - 03

Research laboratory:1

Total no. of computers: 7

Museum: rich, QR coded specimens.

Instruments -32 (total cost Rs. 27,83,645)

High end instruments

- PCR machine
- Stereo zoom microscope, trinocular microscope
- Spectrophotometer,
- Leica Microtome
- Real-Time PCR
- HPLC
- AAS, FTIR, Nano-Drop Spectrophotometer
- -80 refrigerators Cryotome
- Gel-Documentation Systems, Thermocycler
- Ultra-cooling Centrifuges



Laboratories Assets: Rs. 35,64,979

STUDENT SUPPORT

Academic and Career Guidance

Departmental Library and ICT facilities

Career Counselling and Placement Support

Financial Assistance to Students

Meet with Academic and Industrial Expert

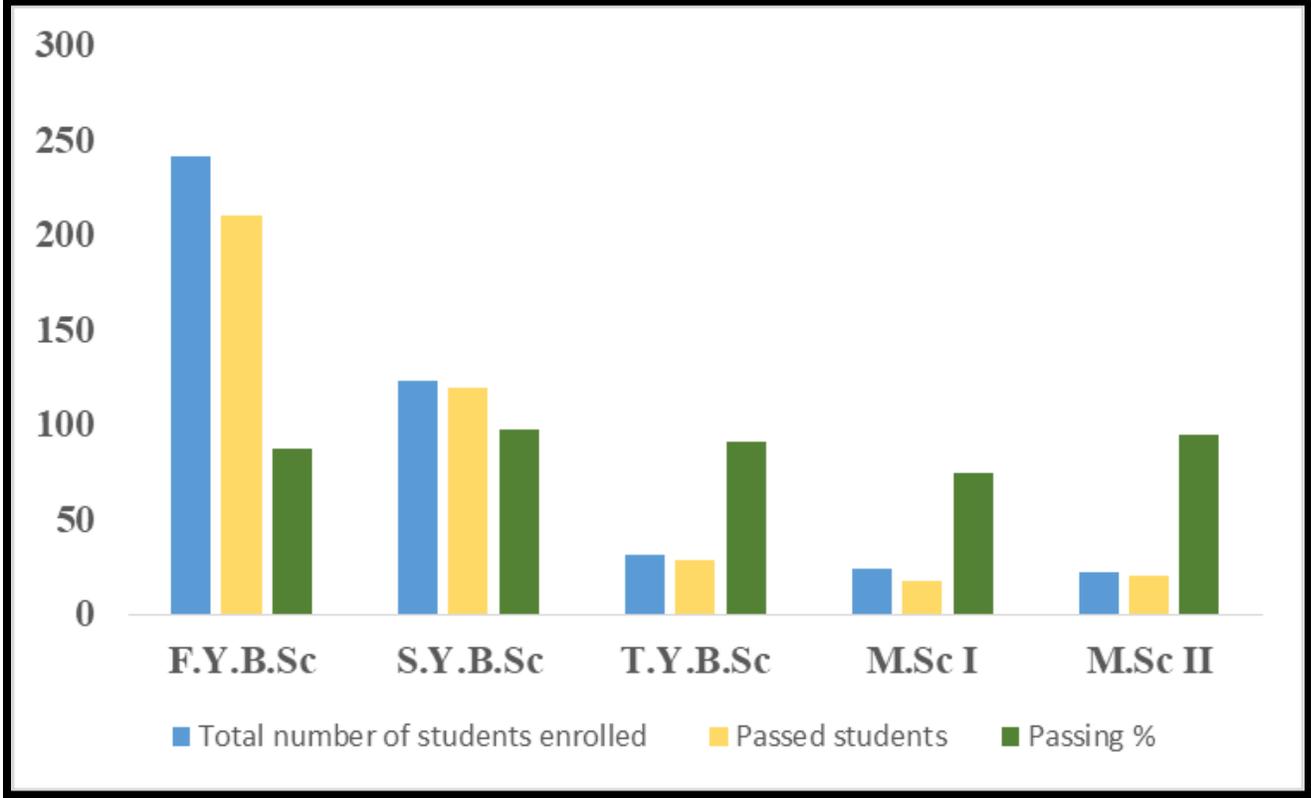
Diagnostic Evaluation and Remedial Coaching

Bridge Courses

Special Guidance for Advanced Learners.

Research Induction Programme

STUDENT PROGRESSION



STUDENT PLACEMENT



Ujwala Pawar (2017-18)
JRF at NCBS, Bangalore



Yashodhara Yadwad (2018-19)
Employed at Springer Nature



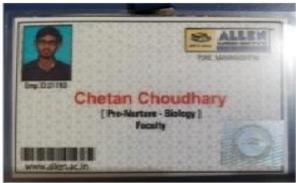
Preeti Kakati (2018-19)
Employed at Samarth Educational Institute



Prashant Mane (2019-20)
Employed at Shri Bhagwati HR services



Bhawana Singh (2020-21)
Employed at Radcliffe International



Chetan Choudhary (2020-21)
Employed at Allen Institute

Department of Zoology, MCASC, Gk

Towards innovation and excellence....



Designing of cost effective microscope- Project selected for State level Avishkar, 2022



Felicitation of Dr. Ranjit More for being awarded Ph.D.



Awards and Recognitions

DEPARTMENT OF ZOOLOGY - ACTIVITIES AT A GLANCE



BEST PRACTICES OF THE DEPARTMENT

SELF I...

Self-Enhanced Learning for Innovation

Objective: Promote students to participate in experiential and self-learning activities and strive towards excellence and innovation....

Science
Van
Project

Conserve
Mother
Earth

Zoocraft

Human
Gaur
Conflict
Project

Zoologica

QUEST FOR EXCELLENCE



Contributing to National Development

Memorandum of Understanding between Department of Zoology and Vaidika Agro solutions Pvt. Ltd- Received research grant of Rs. 40 lakhs under Pradhan Mantri Matsya Sampada Project, Government of Maharashtra



Disease diagnostics Laboratory for Aquatic animals



Ecological field laboratory at Hadshi, Tal. Maval, Dist. Pune



Pillars of the Department



Avishkar Winner – 2022

Towards Innovation and Excellence

Highlights of the Department

- ✚ Qualified faculty with recognition as research guide for M. Phil and Ph. D.
- ✚ Research work in the areas of Ichthyology, Limnology, Entomology, Herpetology, Phytochemistry and Mycology.
- ✚ Organization of courses on advanced topics to supplement the curriculum.
- ✚ Research project sponsored by BCUD/UGC.
- ✚ Department is sponsored by DBT-STAR, DST-FIST schemes.
- ✚ Department has collaboration with different National research institutes.
- ✚ A holistic development of students by ensuring the participation of maximum students in co-curricular & extra-curricular activities.

