

S.S.E.S.A's Science College, Congress Nagar, Nagpur
DEPARTMENT OF BIOTECHNOLOGY

ANNUAL REPORT 2022-2023

Biotechnology department one of the best departments at UG level in central India which motivate and inspires the students by giving them day to day examples in the subject thereby creating interest in the subject, so that they will apply the subject knowledge in innovative way. Qualified and dedicated teaching staff includes three Ad-hoc lecturers along with two supporting non teaching staff.

Students Strength: There are total 236 students admitted in 2022-2023 academic session.

Result Analysis: Overall result of odd and even semesters for U.G. Biotechnology is 66%.

Students' Extension Activity:

Sr. No.	Name of the activity	Number of students Participated
1.	Calendar making competition(05 th -20 th)September 2022	89 students participated
2.	Scientific Model-MakingCompetition(28 th February)2023	89 students participated
3.	Inter-collegiate skill-basedworkshop(4 th March 2023)	165 students participated
4.	Seminar on "Strategizing and planning for the competitive exam"(18 th March 2023)	120 students participated
5.	International webinar on "Introduction to intellectual property rights and research ethics"(29 th April 2023)	200 students participated

Students pursuing higher course: 03 (Confirmed data available). There might be more students pursuing higher education but we could not communicate with all passed out students.

Sr. No.	Name of the Student (2022-23 Batch)	Higher Course
1.	Sakshi Bobde	M.Sc Biotechnology, IISc, Banglore
2.	Ankit Pajai	M.Sc Biotechnology, Hislop School Of Biotechnology, Nagpur
3.	Sharvari Kshirsagar	M.Sc Biotechnology, Hislop School Of Biotechnology, Nagpur
4.	Anshita Arora	M.Sc in Cancer Immunology & Biotechnology , University of

		Nottingham
5.	Vaishnavi Shimpi	M.Sc in Biomedical Sciences University of Glasgow
6.	Ms.AdithyaKalalattu	Integrated Ph.D Programme IISER, Pune
7.	Mr.Ronit Banerjee	M.Sc Virology NIV,Pune
8.	Ms.ShashankTidke	M.sc Biotechnology, Savitribai Phule University,Pune
9.	Shreshtha Chanda	M.Sc Applied Microbiology, VIT ,Vellore
10.	Poonam Singh	MBA, ICFAI Business School ,Mumbai
11.	Vrushali Yawalkar	M.Sc Biotechnology, RGBC ,Nagpur
12.	Tejas Shripal	M.Sc Biotechnology, RGBC ,Nagpur
13.	Raj Karosiya	MA Hon's, D.Y Patil College, Pune

Students Placement during 2022-2023: Nil

Sr. No.	Name of the Student	Name of the Recruited Designation	Name of the Company/Institute

Merit Position of UG Students in RTMNU: Nil

Sr.No.	Name of the Students	Class	Title
1	Nazish Jeevaji	B.Sc III year	7 th
2	Sakshi Bobdey	B.Sc III year	8 th
3	Komal Waghmare	B.Sc III year	9 th

Faculty participation in conferences/seminar/workshop and symposia:

Name of the Faculty	Title of Conference/ Seminar/ workshop Attended	Period
Ms.D.DeepthiHynal	Indian Science Congress	January 3-7,2023
Ms.Sanchari Sarkar	Indian Science Congress	January 3-7,2023
Ms.Mayuri Bhad	Indian Science Congress	January 3-7,2023
	Adapting Green Initiatives for Sustainability	August 24-25,2022

Best Practices and Activities conducted in the Department:

Department always organizes various activities for the benefit of students. Students are encouraged to participate in various academic and extra-curricular activities at college level Teacher-student interaction is encouraging which inculcate competitive and humanitarian spirit in the students. Those activities are given as under-

BEST STUDENT AWARD: Department of Microbiology in collaboration with Microbiologists Society, India has awarded Best student from UG Department of Biotechnology- Mr. Sarvesh Bagde by offering a Best Student Award memento at the hands of Hon'ble Principal Prof. Mahendra Dhore. Award ceremony was held on 26 January 2023.

CALENDAR MAKING COMPETITION ORGANIZED: Calendar making competition on the theme “**Microbiology & Biotechnology for Better Environment**” was organized by Department of Biotechnology, Science College, Nagpur during 05th-20th September 2022 under the chairmanship of Hon'ble Prof. Mahendra Dhore sir and Convener- Dr. Pranita Gulhane. Cash Prizes and Trophies to winners and certificates of participation were distributed to 89 participants on 26th January 2022.

Professors S.V. Ghonmode and Dr. S.G. Kadu presided over the competition, selecting three winning groups—one from UG Microbiology, one from UG Biotechnology, and one from PG Microbiology—from among 18 participating groups comprising 89 students. The victorious teams and their members are as follows: Adithya Kallattu, Shreshtha Chanda, Mohini Bhajanghate, Shashank Tidke, and Ronit Banerjee from BSc Ist Year Biotechnology; Yashika Bagde, Maithili Thakare, Sanika Raut, Mamta Yadav, and Ishita Ramteke from BSc Ist Year Microbiology; and Triveni Pardhi, Tanavi Raut, Dipti Charde, Akshara Irkulwar, and Rutika Kowe from MSc. Final Year Microbiology. Cash prizes, trophies, and certificates were awarded to the winners.

WEBINAR ON IPR: On occasion of World Intellectual Property Day and as part of MoU in between Science College, Nagpur and Dhanwate National College, Nagpur, National Webinar on “**Introduction to Intellectual Property Rights & Research Ethics**” was organized on 29th April 2023. The programme was symbolically inaugurated in gracious presence of Hon'ble Principal Prof. Dhore sir on virtual platform of google meet. Dr. Rajesh Timane, Head, Department of Management, DNC College has given Welcome speech. Convener Dr. Pranita Gulhane compered the programme while vote of thanks was given by Dr. Priyanka Wandhe. More than 200 participants from both the colleges were present for the same.

SEMINAR ON “STRATEGIZING & PLANNING FOR COMPETITIVE EXAMS”:

Department of Biotechnology organized one day seminar on “Strategizing & Planning for Competitive Exams” on 18th March 2023 in the presence of Hon’ble Principal Prof. Mahendra Dhore sir, Coordinator Prof. Bobdey sir, Convener Dr. Pranita Gulhane. Resource Person was the alumni of the college Ms. Mamta Marar, Head, IFAS Competitive Exam Section, Pune. Students of UG & PG of science discipline have attended it.

SCIENTIFIC MODEL COMPITION: A scientific model-making competition titled "Innovative Ideas in Science for Societal Application" was held on February 28, 2023, at S.S.E.S.A's Science College, Nagpur, to commemorate the 125th Birth Year of Dr. Panjabrao alias Bhausaheb Deshmukh, the Centenary Year of R.T.M. Nagpur University, and National Science Day. Under the chairmanship of Prof. Mahendra Dhore, with coordination by Prof. Atul Bobdey and Dr. Pranita Gulhane, 89 students formed 49 groups from UG and PG Microbiology & Biotechnology to showcase their creativity. Judges Prof. Punita Tiwari and Dr. Shilpa Gedam selected winners from UG Biotechnology: the first prize went to Wrukshani Doble and Madhur Patil from B.Sc II year, CMBT; the second prize to Reeta Bhawalkar and Krutika Ganthade B.Sc II year, CMBT; and the third prize to Maithili Thakare and Arpit Kambe B.Sc I year, CMBT. Additionally, Dipti Charde and Akshara Irkulwar from M.Sc Final Microbiology received the first consolation prize, and Sejal Bharne and Dipali Dudhe from M.Sc Final Chemistry were awarded the second consolation prize. Dr. Prashant Maheshwary, the Dean of Faculty of Science & Technology, R.T.M. Nagpur University, graced the occasion.

SKILL BASED WORKSHOP OF BIOTECHNOLOGY - An intercollegiate workshop titled "Intellectual Learning Strategies & Skill Development" was organized by the Department of Microbiology and Biotechnology at S.S.E.S.A's Science College, Nagpur, on March 4th, 2023. The event coincided with the 125th Birth Year Celebration of Dr. Panjabrao alias Bhausaheb Deshmukh, the Centenary Year Celebration of R.T.M. Nagpur University, and National Science Day. The workshop, chaired by Prof. Mahendra Dhore, Principal of Science College, Nagpur, and coordinated by Prof. Atul Bobdey with Dr. Pranita Gulhane as the convener, featured sessions conducted by Dr. Sunil Kokane on Immunodiagnostics & Molecular Biology Techniques, attended by 165 students.



Scientific Model Making Competition on 28/02/2023



Calendar making Competition on 26/01/ 2022



Prarita Gulkare
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