

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

**ANNUAL REPORT 2021-2022**

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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 246 students admitted in 2021-2022 academic session.

**Result Analysis:** Overall result of odd and even semesters for U.G. Biotechnology is 100%.

**Students' Extension Activity:**

Sr. No.	Name of the activity	Number of students Participated
1.	Calendar making competition (19 <sup>th</sup> – 30 <sup>th</sup> ) July 2021	56 students participated
2.	Calendar making activity on “Biography of Dr. Panjabrao alias Bhausaheb Deshmukh” (27 <sup>th</sup> December 2021)	03 students participated
3.	Visit to VNIT Science Exhibition (28 <sup>th</sup> February 2022)	40 students participated
4.	Agar art competition (5 <sup>th</sup> April 2022)	72 students participated
5.	Scientific model competition (5 <sup>th</sup> April 2022)	41 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 (2020-21 Batch)	Higher Course
1.	Ms. Osheen Khiyani	M.Sc Biotechnology, Hislop School Of Biotechnology, Nagpur
2.	Ms. Pranjalee Diwale	M.Sc Biotechnology, Hislop School Of Biotechnology, Nagpur
3.	Ms. Pranjali Joshi	M.Sc Biotechnology, Hislop School Of Biotechnology, Nagpur

### Students Placement during 2021-2022:

Sr. No.	Name of the Student	Name of the Recruited Designation	Name of the Company/Institute
1	Ms. Shakshi Chourasia	Junior Engineer	JSW Steel Coated Products Ltd, Vasind, Thane, Maharashtra

### Merit Position of UG Students in RTMNU: Nil

Sr.No.	Name of the Students	Class	Title

### Faculty participation in conferences/seminar/workshop and symposia:

Name of the Faculty	Title of Conference/ Seminar/ workshop Attended	Period
Ms. D.Deepthi Hynal	International Workshop on “Research Insights in Scientific Writing and Publication RISWP-2021” organized by Dept. of Biotechnology and Microbiology in association with IQAC	17 <sup>th</sup> & 18 <sup>th</sup> December 2021
	National webinar on “Demystifying Vaccines : Prerequisite of the Era”	16 <sup>th</sup> March 2022
	National webinar on “IP is all around – An introduction to Intellectual Property Rights”	23 <sup>rd</sup> April 2022
Ms. Sanchari Sarkar	International Workshop on “Research Insights in Scientific Writing and Publication RISWP-2021” organized by Dept. of Biotechnology and Microbiology in association with IQAC	17 <sup>th</sup> & 18 <sup>th</sup> December 2021
	National webinar on “Demystifying Vaccines : Prerequisite of the Era”	16 <sup>th</sup> March 2022
	National webinar on “IP is all around – An introduction to Intellectual Property Rights”	23 <sup>rd</sup> April 2022
Ms. Mayuri Bhad	International Workshop on “Research Insights in Scientific Writing and Publication RISWP-2021” organized by Dept. of Biotechnology and Microbiology in association with IQAC	17 <sup>th</sup> & 18 <sup>th</sup> December 2021
	National webinar on “Demystifying Vaccines : Prerequisite of the Era”	16 <sup>th</sup> March 2022
	National webinar on “IP is all around – An introduction to Intellectual Property Rights”	23 <sup>rd</sup> April 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: “Best student award ceremony”** was held on 15/08/21 at the hands of Hon’ble Principal Prof. Mahendra P. Dhore sir. Award was given in collaboration with Microbiologists Society, India. Mr. Vishal Kharchwal from U.G. Biotechnology was felicitated with Best student memento at the hands of Hon’ble Principal sir.

**CALENDAR MAKING COMPETITION ORGANIZED:**Calendar making competition on the theme “**Life Sciences including Microbiology & Biotechnology**” was organized by Department of Biotechnology, Science College, Nagpur during 19<sup>th</sup>-30<sup>th</sup> July 2021 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 56 participants on 15<sup>th</sup> August 2021.

**INTERNATIONAL WEBINAR ORGANIZED :**Microorganism Day, International Webinar on “**Career Opportunities of Life Sciences in India and Abroad**” was organized by Biotechnology Department on 17<sup>th</sup> September 2021 on Virtual platform. Dr. Chandrakantha Mahendranathan, President, Sr. Lecturer, Faculty of Sciences and President, Sri Lanka Universities Sports Association, Eastern University of Sri Lanka was the Guest Speaker. Presidential address was given by Hon’ble Prof. Mahendra Dhore sir. The programme was anchored by Dr. Pranita Gulhane followed by ‘Vote of Thanks’ by Dr. Manpreet Kour.

**INTERNATIONAL WORKSHOP RISWP-2021:** International Workshop on “**Research Insights in Scientific Writing and Publication RISWP-2021**” organized by Dept. of Microbiology and Biotechnology in association with IQAC dated 17<sup>th</sup>& 18<sup>th</sup> December 2021 by online mode under the chairmanship of Hon’ble Principal, Prof. Mahendra Dhore.

Two days International workshop was inaugurated by Chairman of workshop-Hon’ble Principal sir. Introductory remarks given by Prof. Bobdey. Dr. Pranita Gulhane has anchored the programme. Total 516 participants including academicians, researchers and Post Graduate

students all over India have attended. Dr. Meghshyam Patil from Osmanabad, Dr. Devendra Deshmukh, from Badnapur, Dr. Shohaël, Dhaka, Bangladesh and Dr. Harinathan, Virudhunagar (Tamilnadu) had delivered their precious talk. Concluding remarks was given by Prof. G. Avachar and Vote of thanks by Organizing Secretary- Dr. Pranita Gulhane.

**NATIONAL VACCINATION DAY:** On the occasion of National Vaccination Day, National Webinar on “**Demystifying Vaccines: Prerequisite of the Era**” was organized by Department of Biotechnology on 16<sup>th</sup> March 2022 on Virtual platform. Dr. Sandeep Golegaonkar, Senior Manager, Gennova Biopharmaceuticals Ltd., Pune was Guest Speaker. Welcome speech was given by Dr. Pranita Gulhane. Concluding remarks was given by Prof. Atul Bobdey. The programme anchored by Ms. D.Deepthi Hynal followed by ‘Vote of Thanks’ by Ms. Mayuri Bhad.

**MICROMANIA 2022:** Department of Biotechnology organizes Micromania-2022 dated 5<sup>th</sup> April 2022 in gracious presence of Hon’ble Principal, Prof. Mahendra Dhore sir, Prof. Avachar, Prof. Bobdey, Dr. Pranita Gulhane, Programme Conveners- Ms. Hynal and Mrs. Deshmukh.

**Felicitation of RTMNU Merit students:** It includes Felicitation of RTM Nagpur University Merit Students of M.Sc. Microbiology – Summer 2020 and Summer 2021 batches. Summer 2020 RTMNU Merit students were Ms. Sanskruti Kukade & Ms. Muskan Harde (2<sup>nd</sup> Merit each), Lavanya Shriramwar (3<sup>rd</sup> Merit) and Shital Bante (4<sup>th</sup> Merit). Summer 2021 RTMNU Merit students were Ms. Supriya Nimkar (1<sup>st</sup> Merit) and Ms. Rakhi Khandelwal (2<sup>nd</sup> Merit). These merit students were felicitated at the hands of Hon’ble Principal Prof. Mahendra Dhore sir.

**Micromania Competitions:** Two competitions were organized on this occasion which includes ‘Agar art Competition’ and ‘Scientific model competition’ in which 72 and 41 students have participated respectively. Prof. Tiwari madam and Prof. Ghonmode madam judged competitions. **Agar Art Competition Winners were-** First Position: Harshita Rohra (BSc II<sup>nd</sup> Year CMBT), Second Position: Pranali Mendhe (MSc II<sup>nd</sup> Year) and Third Position: Mohit Khade (BSc II<sup>nd</sup> Year CBM). **Scientific Model Competition Winners were-** First Position: Vaishnavi Shimpi & Sayoli Dharamshahare (BSc II<sup>nd</sup> Year CMBT), Second Position: Neha Mahant & Aishwarya Mohatkar (MSc I<sup>st</sup> Year) and Third Position: Akshara Irkulwar & Deepti Charde (MSc I<sup>st</sup> Year).

### **Certificate/ Prize Distribution:**

**Microbiologists Society, India-MSI** students unit was installed and the Certificates of MSI office bearers and executive members were distributed at the hands of Chief Patron Hon'ble Principal Prof. Dhore sir, Patron Prof. Bobdey and Convener Ms. Deepthi Hynal.

**Calendar Making Activity-** Biotechnology students have prepared the Calendar-2022 on Biography of Dr. Panjabrao alias Bhausaheb Deshmukh. Certificates of appreciation and calendar were given to teachers and students for their enormous efforts. Teachers- Dr. Pranita Gulhane, Dr. Manpreet Kour & Madhuri Walvekar as well as students Sharvari Kshirsagar, Sharwari Halmare and Sarvesh Bagde (BSc III<sup>rd</sup> Year CMBT) were felicitated.

**Vaccination Drive-** For the age group of 15 to 18+, Science College, Congress Nagar, Nagpur in association with Nagpur Municipal Corporation conducted Vaccination Drive for first and second dose of Covaxin scheduled on 3<sup>rd</sup> January 2022 and 1<sup>st</sup> February 2022 onwards respectively. Students of Biotechnology Department voluntarily helped for successful coordination of students and parents. For their volunteering in this noble cause, they have been felicitated by giving certificate of appreciation.

**National Science Day-** On occasion of National Science Day, Internal Quality Assurance Cell and Innovation, Incubation and Linkages, R.T.M. Nagpur University, Nagpur organized Start-up idea presentation competition in which Bhumika Mirashi (BSc II<sup>nd</sup> Year) has received Consolation Prize which includes Winner's Certificate and Cash Prize of Rs. 1000/- in category of Self-Designed Product Advertisement Competition among 80 participants. Her topic was "Handmade Organic Soap"

**Best Volunteer Award-** For active participation and help during various activities organized by Biotechnology department students are always appreciated for their efforts. As a part of recognition for this, Best Volunteer Award was given to Mr. Ronit Banerjee (BSc. II<sup>nd</sup> Year) at the hands of Hon'ble Principal Prof. Mahendra Dhore sir.

**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 "IP is all around you- An introduction to Intellectual Property Rights" was organized on 23<sup>rd</sup> April 2022 on Virtual platform. Ms. Sakthiya Dakshi, Patent agent & Advocate, Counsel, Co-Founder and Partner, Taru Legal, New Delhi was Guest Speaker. Concluding remarks was given by Prof. Mahendra Dhore sir. Programme was anchored by Dr. Pranita Gulhane followed by 'Vote of Thanks' by Prof. Bobdey sir.



**Calendar Competition Winners Biotechnology**



**Educational visit to VNIT 28/02/ 2022**



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