



Department of Botany
Dr. Ambedkar College, Deekshabhoomi, Nagpur



REPORT

NATIONAL SCIENCE DAY CELEBRATION: 2025

Hands-on Training in “Plant Tissue Culture Techniques for Skill India (Innovations for *Viksit Bharat*)”



Dr. Ambedkar College
Deekshabhoomi, Nagpur
Department of Botany

National Science Day Celebration - 2025

Hands-on Training in
Plant Tissue Culture
Techniques

Date: 28/02/2025

Co-ordinator: Dr. Rahul B. Kamble





NATIONAL SCIENCE DAY CELEBRATION: 2025
Hands-on Training in “Plant Tissue Culture Techniques for Skill India
(Innovations for *Vikasit Bharat*)”

Department of Botany, Dr. Ambedkar College, Deekshabhoomi, Nagpur celebrated the National Science Day 2025 by organizing a *Hands-on Training in “Plant Tissue Culture Techniques for Skill India (Innovations for Vikasit Bharat)”* a Workshop cum Hands-on Training Programme for BSc. Semester 2 and 6 students to create awareness about the Conservation of RET Taxa indirectly the Nature with the effective Biotechnological tool i.e. Plant Tissue Culture Techniques on February 28, 2025 under the supervision of **Dr. Subhash R. Somkuwar**, Asso Prof. & Head, **Dr. Rahul B. Kamble**, Asstt. Prof., Dept. of Botany, Dr. Ambedkar College, Deekshabhoomi, Nagpur and Co-ordinator of the event.

The theme for this year is "Empowering Indian Youth for Global Leadership in Science & Innovation for VIKSIT BHARAT." It emphasizes the role of young minds in driving India's scientific and technological progress, aligning with the vision of Viksit Bharat 2047, which aims for a developed and self-reliant India. Keeping in mind this theme, total **22 students** from BSc. Semester 2 and 6 have participated in the workshop cum hands-on training programme.

Dr. Rahul B. Kamble, Co-ordinator have meticulously trained the students all important techniques which are used in Plant Tissue Culture viz. Plant Tissue Culture Laboratory Set up, Requirements for a well equipped laboratory, Artificial media (MS Media) contents and its preparation, Information and application of various instruments used in this method, Various techniques like Sterilization types, Surface sterilization on Laminar Air Flow Bench, Explant cuttings, Inoculations to media etc. Dr. Kamble also highlighted the work done in Certificate Course in Plant Tissue Culture for inspiring the participants. Students also visited the culture room available at the department.

All the students enthusiastically participated and carried out the practical hands-on exercises effectively.



Department of Botany
Dr. Ambedkar College, Deekshabhoomi, Nagpur



Dr. Ambedkar College, Deekshabhoomi, Nagpur
Dept. of Botany



National Science Day Celebration :2025
Hands on Training on Plant Tissue Culture Techniques for Skill
India (Innovations for Vikasit Bharat)

Student Attendance Sheet

Date: 28/02/2025

S.N	Name of Student	Sign	S.N	Name of Student	Sign
1.	Anushka A. Grandhara	<i>[Signature]</i>	12.	Ashutosh Uthakar	<i>[Signature]</i>
2.	Lipakshi R. Kargali	<i>[Signature]</i>	13.	Natya S. Sheikh	<i>[Signature]</i>
3.	Shweta V. Rakhunde	<i>[Signature]</i>	14.	Karishma. Sontakke	<i>[Signature]</i>
4.	Sayali S. Raut	<i>[Signature]</i>	15.	Dimpal D. Sahu	<i>[Signature]</i>
5.	Vishali R. Verma	<i>[Signature]</i>	16.	Shreyas S. Nitambar	<i>[Signature]</i>
6.	Shalini Nayakwar	<i>[Signature]</i>	17.	Kanchan K. Saram	<i>[Signature]</i>
7.	Shruti B. Bahare	<i>[Signature]</i>	18.	Tashu R. Ramteke	<i>[Signature]</i>
8.	Ayush B. Dongre	<i>[Signature]</i>	19.	Janni Kamik	<i>[Signature]</i>
9.	Ku. Ripal Gyandev Raut	<i>[Signature]</i>	20.	Sejal Bhangre	<i>[Signature]</i>
10.	Ku. Mayuri P. Tirsagre	<i>[Signature]</i>	21.	Sauniksha Motghare	<i>[Signature]</i>
11.	Ku. Shruti P. Bhingade	<i>[Signature]</i>	22.	Anjali Ghormose	<i>[Signature]</i>

[Signature]
Signature of Teacher In-charge

[Signature]
Signature of HoD
HOD-Botany
Dr. Ambedkar College
Deekshabhoomi, Nagpur



Glimpses of Event

