



The Oxford College of Science

Accredited by NAAC with A+ grade in cycle III

Recognized by the Govt. of Karnataka; Permanently affiliated to Bangalore University & Approved by AICTE, New Delhi

Recognized by UGC under section 2(f) & 12(B); Recognized by GoK for BiSEP (formerly BTFS)

Supported by DST GoI under FIST program, Supported by DBT GoI under DBT-STAR College

DEPARTMENT OF BIOTECHNOLOGY

SL.NO	DETAILS OF THE EVENT	
1.	Title Of The Event	PROBLEM BASED LEARNING
2	Day and Date	5 th -7 th MAY 2025
3	Venue	BIOTECHNOLOGY CLASS ROOM
4	Organizing Secretary/ Co- Coordinators	Ms. LINSHA LAKSHMANAN
5	Participants	UG VI SEMESTER BIOTECHNOLOGY STUDENTS
6	No of students and staff present	58 Students and 3 Staffs



Group I is presenting their PBL



Group II is presenting their PBL

The Department of Biotechnology, The Oxford College of Science successfully organized a **Problem based learning** on 07/05/2025 aimed to encourage analytical and critical thinking among students, promote independent and group learning, enhance communication and decision-making skills and apply theoretical knowledge to solve practical, real-life problems. Students were grouped into teams of 4–5 and presented with open-ended, real-world problems relevant to their field of study. The problems were carefully designed to be complex enough to require research, discussion, and critical thinking for resolution. Faculty members acted as facilitators rather than direct instructors. The evaluation of problem based learning was based on understanding of the problem, relevance and creativity of the solution, team collaboration and communication, research and evidence-based reasoning and clarity and quality of the presentation. The activity encouraged peer-to-peer learning, boosted confidence, and improved their ability to apply classroom knowledge to societal problems. Faculty observed heightened engagement and enthusiasm among students compared to traditional lecture-based sessions.

Coordinator

Head

Principal



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DEPARTMENT OF BIOTECHNOLOGY

SL.NO	DETAILS OF THE EVENT	
1.	Title Of The Event	MODEL MAKING
2	Day and Date	7th MAY 2025
3	Venue	BIOTECHNOLOGY LAB
4	Organizing Secretary/ Co- Coordinators	Ms. LINSHA LAKSHMANAN
5	Participants	UG IV SEMESTER BIOTECHNOLOGY STUDENTS
6	No of students and staff present	42Students and 6 Staffs



Working model of DNA



Students are explaining models to judges

The Department of Biotechnology, The Oxford College of Science successfully organized a **Model Making Competition** on 07/05/2025 aimed at fostering creativity, innovation, and practical skills among students. The event witnessed enthusiastic participation from students of fourth semester B.Sc Biotechnology course and the showcasing their scientific modeling abilities. The main objective of the competition was to encourage students to apply theoretical knowledge to practical problems, enhance teamwork, and showcase their designing and presentation skills through model making. The theme of the competition was **Molecular Biology** allowing participants to explore different topics like study of Conjugation, Transformation and Transduction, DNA replication, types of RNA and forms of DNA. A total of 8 teams participated, comprising students from fourth semester B.Sc Biotechnology course.

Coordinator

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