Estd. 1974

The Oxford College of Science

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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

DBT-STAR Scheme 2025

REPORT

DEPARTMENT: BIOCHEMISTRY

TITLE	**Determination of molecular weight by Landsberger's method**
ACTIVITY TYPE	**Additional Practical**
YEAR/SEMESTER	2026 / I Year
DATE OF EVENT	6Th February 2026
VENUE	Second floor Biochemistry lab number 226
ORGANISED BY	Department of Biochemistry
RESOURCE PERSON (with designation and affiliation)	Mrs.Vatsalya Krupa, Asst.Professor
FACULTY INCHARGE/EVENT COORDINATOR	Mrs.Vatsalya Krupa / Dr.Sangita Roy
TARGET AUDIENCE	First year UG Biochemistry students
NUMBER OF BENEFICIARIES	Forty one students (41)

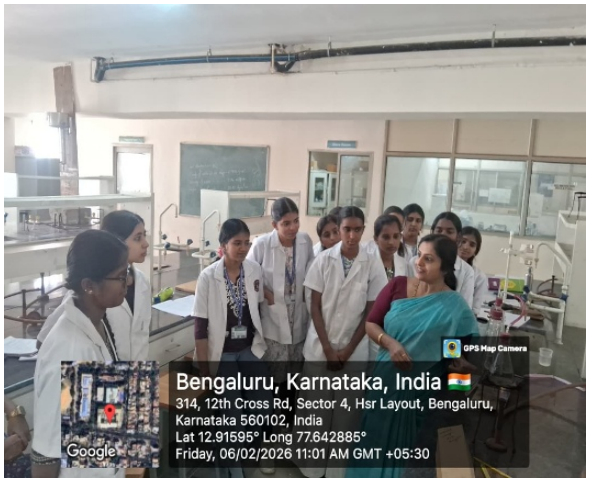
The objectives of the Programme: Additional practical experiments are vital for undergraduate students, transforming abstract theoretical concepts into tangible, real-world understanding while boosting retention, and critical thinking. These practical experiences foster essential skills like hypothesis testing and teamwork, which are crucial for professional development.

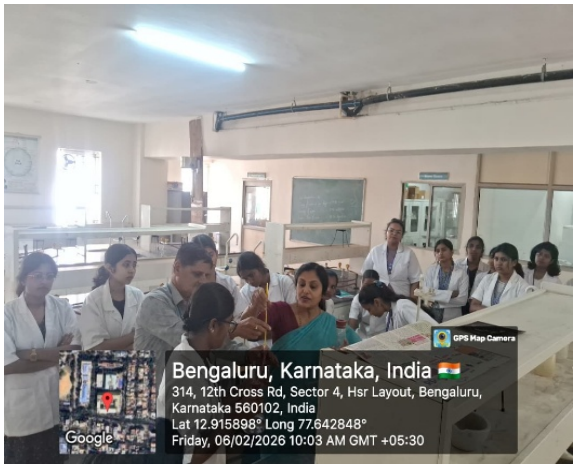
Highlights of the Programme: The resource person, Mrs.Vatsalya Krupa, Asst.Professor, Department of Biochemistry, took a small theory session about the different aspects of the experiment that was to be performed. Soon after the theory session, students were given manual and the resource person explained the set-up of the experiment and demonstrated how to determine the molecular weight of a non-volatile solute by Landsberger's method after which the students were allowed to do the experiment.

The outcome of the programme: This kind of extra-curricular activity is an out-of-class activity, very much required for the better understanding of the curriculum-related learning and character building experience which enable the students to develop scientific attitudes and inquisitness into various aspects of science. This was an interactive session too, wherein the students interacted with the resource person and got an insight to the details of the experiment.

PHOTOS

EXPLANATION BY THE RESOURCE PERSON





PERFORMING THE EXPERIMENT

Sl. NO	Document	(✔) mark (if attached)
1	Brochure of the event	✔
2	Circular of the event (For training/ workshop/guest lecture/FDP)	✔
3	Geo-tagged photos/ Screen Shots (Save as separate photos)	✔
4	Attendance sheet with signature of the attendees	✔
5	Copy of the Certificate/E-cerfiticate issued	
6	Feedback Forms (For training/ workshop/Guest lecture/FDP)	

Head of the Department **DBT-STAR Coordinator** **Vice-Principal** **Principal**

Attachments

1) **Circular**
2) **Brochure**
3) **Flyer**
4) **Attendance**
5) **Report**