

Department of Biochemistry
Certificate Course in Microgreen Cultivation and Nutrition
REPORT (2023-24)

During the academic year 2022–2023, the Biochemistry Department successfully conducted a certificate program on *Microgreen Cultivation and Nutrition*. The classes began on November 30, 2024, and the program was offered to first-year (2023 admission) and second-year (2022 admission) B.Sc. Biochemistry students.

The course garnered active participation, with 19 students from I B.Sc. and 21 from II B.Sc., totaling 40 participants. Spanning 35 hours, the program emphasized both theoretical knowledge and practical skills. Attendance was systematically recorded throughout the course to ensure active participation. Upon successful completion, all students were awarded certificates.

Assessment Methodology

The program's assessment comprised two components:

1. **End-of-Course Exam:** An online test with 50 multiple-choice questions, totaling 50 marks.
2. **Course Project:** Evaluated for a maximum of 25 marks, focusing on the practical application of course knowledge.

The final grade was calculated by combining the marks from both the exam and the project. Grades were assigned as follows:

- **81%–100%:** A grade
- **61%–80%:** B grade
- **51%–60%:** C grade
- **41%–50%:** D grade
- **≤40%:** Fail

This comprehensive assessment method ensured a thorough evaluation of the students' understanding and practical skills acquired during the course.



Course Results (2023-24)

I B.Sc. Biochemistry

Sl. No.	Admission No.	Candidate Code	Name	Grade Awarded
1.	59555	23823142001	ALEESHA SHANAVAS	A
2.	59261	23823142002	AMAL A S	A
3.	59303	23823142003	ANITA M A	A
4.	59185	23823142004	ARSHA S RAJU	A
5.	59299	23823142005	ASWANI B R	A
6.	59532	23823142006	BHAVYA DATH G S	A
7.	59258	23823142007	KHADEEJA ABDULLAH SAJILA	A
8.	59184	23823142008	LEKSHMI P S	A
9.	59256	23823142009	SHUHAINA S	A
10.	59695	23823142011	AFZA SAHIB M S	B
11.	59365	23823142012	ANEESHA S	A
12.	59696	23823142013	DEVIKA RAVEENDRAN T	A
13.	59460	23823142014	FARZANA	B
14.	59354	23823142015	FATHIMA S	A
15.	59347	23823142016	FATHIMA S	A
16.	59405	23823142017	IRZA SUNEER	A
17.	59339	23823142018	ASIYA S	A
18.	59530	23823142019	RAIHANA A	A
19.	59445	23823142020	SALMA AMEER	A



Dr. Ansil P. N.

Coordinator

Certificate course on Microgreen Cultivation and Nutrition



Dr. Latha B., M.Sc, M.Phil, Ph.D

Assistant Professor & Head

Department of Biochemistry

T.K.M. College of Arts and Science

Kollam-691005, Kerala, India



Course Results (2023-24)

II B.Sc. Biochemistry

Sl. No.	Admission No.	Candidate Code	Name	Grade Awarded
1.	58374	23822142001	AMAL MAHESH	B
2.	58981	23822142002	ASHNA S	A
3.	58369	23822142004	GAYATHRI DEVI P	A
4.	59059	23822142005	HARITHA KRISHNAN. A	A
5.	58376	23822142006	MOHAMMED SAHEED	A
6.	58725	23822142007	S ZABEEB ZALIZ	A
7.	58375	23822142008	SURYADEV K T	B
8.	58727	23822142009	ABHISHEK SHAJI	A
9.	58891	23822142010	AFSANA S	A
10.	58989	23822142011	AJMAL. N	B
11.	58590	23822142012	AL MUBEEN N R	A
12.	58819	23822142013	ALEEJA SAJITH	A
13.	58370	23822142014	ANZIYA ANZAR	A
14.	58378	23822142016	DEVIKA B	B
15.	58938	23822142018	MAHEEN HUSSAIN	B
16.	58713	23822142020	NAIMA NOUSHAD	A
17.	58914	23822142021	NOUFI NAJEEM	A
18.	58704	23822142024	ALFIYA N	A
19.	58712	23822142025	FATHIMA MUBARAK	A
20.	58960	23822142026	HAJIRAH BEEVI T	A
21.	58786	23822142027	HISANA BIJU	A



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