

School of Biosciences, Mahatma Gandhi University

Applications for Project internship Invited Under PLEASE project (Government of Kerala)

Title of the project: Phycoremediation of bio-industrial wastewaters using indigenous freshwater green algae of Kerala combined with biomass generation for food, feed and biofuel

Principal Investigator: Prof (Dr) J G Ray

CO-Investigator: Prof (Dr) Linu Mathew

Internship opportunity

1. Five students will be eligible for an internship for six months of training in the utilisation of microalgae as an industrially valuable bioresource
2. Each trainee will receive a remuneration of Rs. 10000 per month for six months
3. Training will be in the collection, isolation, identification, and monoculture at laboratory and industrial scales of freshwater microalgae
4. The trainees will have the opportunity to make use of photobioreactor systems and other techniques for the industrial trial of algae as a valuable bioresource
5. The trainee should carry out an independent research task under the strict guidance and supervision of the trainers as entrusted by the investigators
6. Working time will be 9 am to 5 pm for six days, including Saturdays, except for public holidays.
7. Students who join the internship are expected to complete the training without fail. If they leave before completing the training, they need to refund the internship so far received and should enter into a written agreement to the effect.
8. The trainees may be able to continue for the PhD program if otherwise eligible, and vacancies are available

The essential qualification for consideration for an internship

1. Post graduates with first class in MSc Botany/ Plant Sciences, Biotechnology, Microbiology, or Biochemistry can apply to the position in the plain paper, including their CV and attested copies of SSLC, +2 Certificate, B Sc and M Sc degree certificates and mark lists.
2. Passing NET/GATE or other National/International level competitive exams will be considered a desirable qualification for selection. Please attach certificates for the same.
3. After the preliminary screening, the selected applicants will be called for an interview at the School of Biosciences.

4. The candidates who were selected but not joined during the first batch internship are not eligible to apply.
5. To select the second batch of five interns, the interested candidates may apply to the following address: Principal Investigator, PLEASE Project, School of Biosciences, Mahatma Gandhi University, Kottayam, Kerala – 686 560, on or before 18th August 2023. Online application may be submitted to: linumathew@mgu.ac.in
6. The top scored candidates will be shortlisted and called for an interview at the School of Biosciences on 25th August 2023.

Criteria for selection of Interns for PLEASE project

The committee fixed the criteria for selection as follows. The maximum score is 100 (80 Marks for the academic credentials and 20 Marks for the Interview). The requirements for preparing the score sheet based on academic credentials are as per six criteria, and the details are fixed as given below:

1. Percentage of marks received for SSLC, 12th, B Sc and M Sc (dividing percentage of marks with 10; maximum 40 marks)
2. NET/ GATE Qualifications, if any (Maximum 5 marks if qualified any of the two)
3. M Phil Qualified (Maximum 5 Marks)
4. PhD Qualified (Maximum 10 Marks)
5. Publications, if any (Maximum 10 Marks – 3 for publication in any journal in the UGC care list; 2 marks for Oral presentation in international seminars; 1 Mark for poster presentation, if any)
6. Research experience (Maximum 10 marks: 2 marks for a minimum six-month experience).