

Performance Linked Encouragement for Academic Studies

Endeavour (PLEASE) Internship:-Guidelines

Introduction

Govt. College for Women, Thiruvananthapuram is offering Internship facilities for candidates who completed or undergoing courses such as M.Sc./M.Tech./B. Tech./B.E. degrees, to conduct independent research work/ Project Works in different Science and Engineering Disciplines under the program PLEASE of Higher Education Department, Government of Kerala. The Internship will be for 6 months to 12 months under selected mentors working in different research areas. The internship can be independent research work or part of the internship program/curriculum of the concerned course in which the candidate is studying. To a fixed number of candidates for each year, a scholarship of Rs. 10,000/- (Rupees Ten thousand only) (consolidated) per month. To another fixed number of candidates, opportunities will be given to do internships without scholarships.

Important dates

| | |
|--------------------------|-------------|
| Announcement of vacancy | :13-4-2022 |
| Last date of | :25-4-2022 |
| Short list of candidates | :30-04-2022 |
| Interview if need | :04-05-2022 |
| Starting of Internship | :09-05-2022 |

1. Basic Qualifications

- a) The candidate must have an M.Sc./M.Tech./B.Tech./B.E. degree in any science/engineering discipline with minimum marks/score of 60%.
- b) Candidates who are currently undergoing the courses also can apply, provided their general scores up to the last semester/course must be above 60%.
- c) Candidates who have submitted their Ph.D. work and are willing to carry out postdoctoral research in a different area or do a particular research work leading to publications are also eligible to apply. (Must submit their thesis submission certificate with the application.)
- d) The candidate must be willing to spend continuous six months in the laboratory.

2. How to apply

- a) Applications can be sent throughout a financial year.
- b) The vacancies for internships in different areas and under different faculty mentors will be declared through the College web page.
- c) The candidate must select/identify an area of interest and a mentor under whom the proposed work is being done.
- d) All the candidates must prepare a relevant work proposal.
- e) The application must be submitted in a white paper along with (i) the work proposal, (ii) biodata and (iii) copies of certificates and relevant documents to the corresponding mentor.
- f) For those candidates who wish to do an Internship as a part of their curriculum, the applications should be forwarded through the Head of the Institution in which the candidate is studying.
- g) The [google link](https://docs.google.com/forms/d/1kE1HVT_EBzdbING94mnIFQBhe9JLlNiHZT-xH6rGZrk) is https://docs.google.com/forms/d/1kE1HVT_EBzdbING94mnIFQBhe9JLlNiHZT-xH6rGZrk
- h)

The details of projects and mentor.

Preparation of Novel Metal Disulphide/ Sulphide Polymer Nano Composite for Supercapacitor (5 vacancies for 6 month duration)

Dr.Xavier.T.S.,

Assistant Professor in Physics.

Government college for women

Thiruvananthapuram

E mail Xavier@gcwtvm.ac.in

Ph.No. 9446553329,8592948870

Area of internship :Preparation and characterization of nanomaterials for energy storage application

Anti-Microbial and Anti- Biofilm Drug Discovery against ESKAPE Pathogens (3 vacancies for 6 month duration, Candidates with PG or above in Zoology /Microbiology /Bioinformatics with experience in docking and simulation are preferred)

Dr. Praveen Kumar P P,

Assistant Professor in Zoology.

Government college for women

Thiruvananthapuram

E mail :praveenpp04@yahoo.com

Ph.No.8848262596

Area of internship: Antimicrobial drug development initiatives

Research instrumentation in Chemistry for Excellence (5 vacancies for 6 month duration . Candidates with PG or above with Chemistry)

Dr.Saji Alex.,
Associate Professor in Chemistry
Government college for women
Thiruvananthapuram
Email : sajialex1@gmail.com

Ph.No.8075661718

Area of internship: Metal nanomaterials ,energy harvesting, sensors and sensitizers, Lanthanide complexes ,Phyto chemistry and photo chemistry)

3. Selection procedure

The selection of the candidates to various Internship programs will be based on merit, assessed through an interview by a three-member committee including the Principal of the College, HOD/ of mentor Department and the mentor.

4. Conditions

- a) All selected candidates must execute a statement /bond regarding completing the work in the internship period.
- b) All the candidates must have at least one oral/poster presentation in a National/International conference/seminar or need to be submitted an article (publication) in a Scopus indexed journal during their course of the internship.
- c) A report of the work done during the internship period and certificate of presentation /article is mandatory for issuing the internship completion certificate from the Head of the institution.