

## Performance Linked Encouragement for Academic Studies Endeavour (PLEASE) Internship:-Guidelines

<https://gcwtvm.ac.in/please-internship-23-24/>

### Introduction

Govt. College for Women, Thiruvananthapuram is offering Internship facilities for candidates who completed courses such as M.Sc./M.Tech./M.Phil 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.

Important dates

Announcement of vacancy :10-5-2023

Last date of :27-5-2023

Short list of candidates :28-05-2023

Interview if need :31-05-2023

Starting of Internship :01-06-2023

### 1. Basic Qualifications

- a) The candidate must have an M.Sc./M.Tech./M.Phil. 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 through online mode.
- 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 Institutional in which the candidate is studying.
- g) The google link is  
[https://docs.google.com/forms/d/17G0Gj\\_m4Jv3gegeR6wo3EfHA5IkT4S3V04CdajZaz4/edit](https://docs.google.com/forms/d/17G0Gj_m4Jv3gegeR6wo3EfHA5IkT4S3V04CdajZaz4/edit)

### **3.The details of projects and mentor.**

#### **a. 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](mailto:Xavier@gcwtvm.ac.in)

<https://scholar.google.com/citations?user=gWskTNgAAAAJ&hl=en>

Ph.No. 9446553329,8592948870

Area of internship :Preparation and characterization of nanomaterials for energy storage application/ Interdisciplinary areas related to application of nano materials.

#### **b.Anti-Microbial and Anti-Biofilm Drug Discovery against ESKAPE Pathogens (4 vacancies for 6-month duration, Candidates with PG 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.9446265429, 8848262596

Area of internship: Antimicrobial drug development initiatives, computational Biology

#### **c. Research instrumentation in Chemistry for Excellence (7 vacancies for 6 months 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.