

**GOVERNMENT COLLEGE FOR WOMEN
THIRUVANANTHAPURAM – 695004, KERALA
DBT-BUILDER PROJECT**

WALK-IN INTERVIEW FOR RESEARCH POSITIONS

Applications are invited from eligible candidates for a **Walk-in Interview** for appointment to the following temporary research positions under the DBT-BUILDER Project sanctioned by the Department of Biotechnology, Government of India.

Project: DBT-BUILDER – Government College for Women, Thiruvananthapuram Interdisciplinary Life Science Programme for Advance Research and Education (Level I)

Administrative Order No.: BT/INF/22/SP70930/2026 dated 29.07.2026

Project Duration: Five Years

Total Sanctioned Cost: ₹2,68,13,071/-

DETAILS OF RESEARCH POSITIONS

Position & Area	No.	Essential Qualification	Age Limit	Fellowship / Remuneration	Duration
Senior Research Fellow (SRF) Genomics, Bioinformatics & Computational Biology	1	M.Sc. / M.Tech. in Bioinformatics, Computational Biology, Biochemistry, Life Sciences, Microbiology, or allied discipline , with a minimum of 2 years of research experience in the field of bioinformatics/computational biology/Genomics	Not exceeding 35 years*	₹42,000/- per month + admissible HRA as per applicable norms	Initially till 31-3-2026, extendable based on performance and availability of funds
Research Assistant (RA) Molecular Biology, Phytochemistry & Biological Assays	1	M.Sc. / M.Tech. in Botany, Biotechnology, Biochemistry, Molecular Biology, Life Sciences , or allied discipline, with relevant research experience in Molecular Biology and/or Phytochemistry	Not exceeding 35 years*	₹31,000/- per month + admissible HRA as per applicable norms	Initially till 31-3-26, extendable based on performance and availability of funds

* Age relaxation, wherever applicable, will be as per Government of India/DBT norms.

DESIRABLE RESEARCH EXPERIENCE

SRF – Bioinformatics & Computational Biology

The candidate should have demonstrated experience in:

- Next-generation sequencing (NGS) technologies and workflows.
- Whole Genome Sequencing (WGS) / Transcriptomics / Metagenomics data analysis, processing, and interpretation.
- Genome assembly, genome annotation, comparative genomics, and phylogenetic analysis.

- Analysis and interpretation of genomic datasets using relevant bioinformatics tools, databases, and computational pipelines.
- Experience in computer-aided drug design (CADD), molecular docking, protein modelling, and molecular dynamics simulation.
- Hands-on experience with CADD platforms such as Schrödinger suite or similar computational biology/chemistry tools will be considered an added advantage.
- Programming skills- R and/or Python and familiarity with Linux/Unix environments and bioinformatics pipelines.

Research Assistant – Molecular Biology, Phytochemistry & Biological Assays

Experience in one or more of the following areas will be preferred:

- DNA/RNA isolation and PCR/qPCR
- Molecular marker studies and gene-expression analysis
- Plant molecular biology
- Extraction and fractionation of plant metabolites
- Phytochemical screening and profiling
- HPLC/LC-MS/LC-MS/MS/GC-MS
- Chromatographic and spectroscopic techniques
- Cell and microbial culture and Biological assays
- Characterization of bioactive plant compounds
- AMR/Antimicrobial assays
- Plant- Microbe Interactions
- Drug discovery studies

WALK-IN INTERVIEW

Date: 12 October 2026 (Monday)

Reporting Time: 10:00 – 10.30 AM

Venue: Government College for Women, Thiruvananthapuram – 695004

Candidates intend to attend the interview please fill this form

<https://forms.gle/PTnvHC5yWVq2nstA8>

Candidates should bring

1. Updated Bio-data/CV
2. Original certificates and testimonials
3. Self-attested copies of certificates

4. Experience certificates, if any
5. List of publications/research work, if any
6. Copies of relevant publications
7. One recent passport-size photograph
8. Valid photo identity proof

GENERAL CONDITIONS

- The appointments are **purely temporary and project-specific** and will be co-terminus with the DBT-BUILDER project or subject to availability of funds.
- Selection will be based on **academic qualifications, relevant research experience and performance in the interview.**
- Candidates must produce original certificates for verification.
- No TA/DA will be paid for attending the interview.
- The selected candidates will undertake research activities under the DBT-BUILDER programme and work in an interdisciplinary research environment.
- The appointment will not confer any claim for regular appointment in Government College for Women or the Government.
- Fellowship/remuneration and other conditions will be governed by the applicable **DBT/Government of India norms and sanctioned project provisions.**

The sanctioned project specifically includes investigation of plant bioactive compounds and computational identification of potential lead compounds. The work covers genomics, AMR, plant–microbe interactions, phytochemistry, drug/lead discovery and biological evaluation. For further details or queries contact

Prof. Bosco Lawarence

Co-Coordinator, DBT-BUILDER Project

Professor & Head, Department of Botany

Government College for Women

Thiruvananthapuram – 695004

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