

Goa University

Notification

Applications are invited from eligible candidates on plain paper along with CV and other documents for one post of JRF or SRF or RA to work on the research project entitled '**Histochemical and Biotechnological Characterization of High Value Medicinal Plants *Annona muricata* and *Rauvolfia verticillata* from the Western Ghats of India**' sponsored by CSIR, New Delhi for a period of three years to carryout research at the Department of Botany, Goa University, Goa.

Eligibility:

JRF: M.Sc. degree in Botany/Plant Sciences/Biotechnology or Life Sciences with 55% marks and CSIR-JRF NET qualification.

SRF: M.Sc. degree in Botany/Plant Sciences/Biotechnology with 55% marks and one publication in Science Citation Indexed (SCI) Journal and should have completed at least two years of post M.Sc. research experience or from date of registration of Ph.D.

RA: Ph.D. degree in Botany/Plant Sciences/Biotechnology with at least one publication in Science Citation Indexed (SCI) Journal.

Salary (monthly emoluments)

Position	1st and 2nd year	3rd year
JRF	Rs 25,000 + HRA	Rs 28,000 + HRA
SRF	Rs 28,000 + HRA	Rs 28,000 + HRA
RA	Rs 36,000 (fixed)	Rs 36,000 (fixed)

Last date for receiving the application is **within 15 days** of the date of advertisement.

Address for sending the application: **Dr S. Krishnan**, Professor, Department of Botany, Goa University, Goa 403 206.

TA/DA will not be paid to the candidates appearing for the interview.

Registrar

Ministry of Earth Sciences Government of India

Call for Proposals – Thunderstorm and Meso-scale Processes Prediction (THUMP)

Research Proposals are invited on 'Thunderstorm and Meso-scale Processes Prediction' from universities, research/academic institutions in the country for funding for focused research in these specific areas under the Project Appraisal and Monitoring Committee-Atmospheric Sciences (PAMC-AS) of MoES.

1. Observational studies using conventional and radar and satellite data: (a) Climatology, diurnal variation, genesis, intensification and propagation. (b) Synoptic systems for large scale thunderstorm/lightning activities. (c) Observational studies on physical processes.

2. Prediction aspects: (a) Prediction using mesoscale models – dynamical core, physical parametrization processes including land surface processes and data assimilation and initiation methods, model diagnostics and sensitivity studies. (b) Statistical methods/expert systems/AI techniques for development of prediction/nowcast tools.

It is preferable that the model development activities be carried out using the WRF model or the regional version of the Unified Model.

The research proposals with the details of investigators and budget may be submitted to the Ministry of Earth Sciences for further consideration. More details of the format of the proposal are given at <http://www.moes.gov.in/content/project-management-system>. The last date of receiving complete project proposals is **31 August 2018**. For more details, please contact **Dr R. S. Maheskumar** (e-mail: mahesh.rs@gov.in) or **Mrs Shyla Minhas** (e-mail: shyla.minhas@nic.in).