

Hands-on Training Workshop on DNA Barcoding & Phylogenetics of Plants

About the Workshop: We propose to organize a hands-on training workshop on DNA Barcoding & Phylogenetics of Plants at ARI, Pune. The workshop will be focused on training researchers and students in phylogenetic theory and the application of phylogenetic methods (e.g. NJ, UPGMA, MP, ML & Bayesian analysis) in taxonomy, systematics and evolutionary studies in plants. Hands-on training on various molecular biological methods like genomic DNA extraction from plants, PCR, etc. will also be given during the workshop. In addition, the workshop will also cover basics and applications of DNA Barcoding, Molecular Markers and Next Generation Sequencing. Hands-on training on construction of phylogenetic trees will be given to the participants. Recent trends in molecular taxonomy of plants would also be discussed.

Duration: 5 days (17–21 October 2016).

Number of participants: 20

Who can apply: M.Sc. and Ph.D. students, Post Doc researchers, early career college and university teachers.

Workshop fee: Rs 8500 + 15% Service tax (Workshop fee includes only tuition fee, course material, and lunch).

Accommodation: The accommodation can be arranged for selected out-station candidates on payment basis.

Important deadlines:

Receipt of duly filled-in application form:

31 August 2016

Intimation to selected candidates:

9 September 2016

Receipt of fee from selected candidates:

20 September 2016

Receipt of fee from waitlisted candidates:

27 September 2016

Application form can be downloaded from ARI website:

www.aripune.org

Selected candidates will be informed by e-mail and their names will be displayed on the ARI website.

Patron: Dr K. M. Paknikar, Director, ARI.

Organizers: Dr Ritesh Kumar Choudhary and Dr Abhishek Baghela, Biodiversity & Palaeobiology Group, MACS-Agharkar Research Institute, Pune. Applications to be sent to: phyloworkshop@aripune.org

Phone: +91-20-2532 5142; +91-20-2532 5105.

Note: Selection of candidates and cancellation of workshop will be solely at the discretion of the organizers, and no further correspondence shall be entertained in this regards.

Banaras Hindu University

Applications are invited for the positions of one **Research Associate** with a salary of fixed amount of Rs 38,000 + 20% HRA in a DBT project On 'Prevalence and Predictors of Vitamin B12 Deficiency: Genetic Association for Low Vitamin B12 Levels: Multicentre a pan India Study' sanctioned up to 31 December 2018, and a JRF with a salary of fixed amount Rs 28,000 p.m. in a CSIR project 'Sex Determination in Vertebrates' sanctioned up to 30 June 2017. The posts are coterminous with the projects.

For **Research Associate**, the candidate should be either a Ph.D. or have 3 years of research experience in human molecular genetics. The upper age limit is 45 years. **Desirable qualification:** Expertise in techniques required to study the biomolecules relevant to the project. For **Junior Research Fellow**, the candidate should be NET/GATE cleared with at least 55% marks in M.Sc. in life science subjects related to genetics, molecular genetics, biotechnology, etc. The upper age limit is 28 years (relaxable by 5 years for SC/ST/physically handicapped/female candidates). **Desirable qualification:** The candidate should have good grasp of genetics and practical training in molecular biology techniques.

Applications on plain paper giving name, permanent and correspondence address, names of father and mother, telephone no. and e-mail address (if available), details of educational career (starting from High school or equivalent) along with attested copies of all marks sheets and certificates and details of any research or other experience, etc., if any, should reach the undersigned **within 21 days** of the advertisement to **The Principal Investigator (Prof. Rajiva Raman)**, Cytogenetics Laboratory, Department of Zoology, Banaras Hindu University, Varanasi 221 005 (e-mail: rajiva.raman@gmail.com). The candidates may apply through e-mail also. No TA/DA is admissible if called for interview.



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JRF: (1 Post) Eligibility : Candidates having B.Tech (With GATE) or M.Tech in Chemical, Mechanical, Aerospace Engineering can apply.

Salary: Consolidated salary Rs. 25000/- p.m.

Job Profile: The candidate will have to write CFD codes or may use Open Source CFD tools. Therefore basic CFD background is desirable. Good knowledge in numerical methods is a must. Potential candidate may be recommended for PhD under TAP category.

Duration of appointment: 1 Year

Last Date of receipt of the application is 1st August, 2016.

Candidate should apply in the prescribed Application Form available at http://www.ircc.iitb.ac.in/IRCC-Webpage/PDF/Application_online.pdf mentioning Advertisement No.

Please send the application to the Asst. Registrar (Admin), Dean R & D Office, IRCC Wing, SJMSOM Building, Indian Institute of Technology Bombay, Powai, Mumbai 400076.

Assistant Registrar(R&D)