

Short Term Training Course on Virus-induced Gene Silencing (VIGS) – A Tool to Study Gene Function in Plants VIGS 2016, 20 January to 2 February 2016

HCST/BT/AD/10/2015

Date: 10 October 2015

The Department of Biotechnology, Hindustan College of Science and Technology, Farah, Mathura affiliated to UP Technical University (UPTU) is organizing DBT sponsored Short Term Training Course (STTC) on '**Virus-induced gene silencing (VIGS) – a tool to study gene function in plants**' for mid-career scientist involved in UG and PG teaching and research in Life Science and Biotechnology. Participants will be provided hands on training in techniques related to VIGS, plant tissue culture, gene cloning, *Agrobacterium* mediated gene transfer in plants. The proposed training will provide participants a better understanding of principles, methods and application of techniques in plant biotechnology. The STTC would consist of lectures followed by practical/hands on sessions. The training would enable the participants to apply these techniques in their research programme.

How to apply: Candidates holding regular positions in colleges/universities/research institutes may send their application by post and e-mail softcopy to **The Course Director** giving the following information: (i) Name, designation and address for communication including e-mail ID and contact number, (ii) Educational qualifications and research/training experience, (iii) Present place and nature of work, (iv) Research interest, (v) Whether the candidate has undertaken DBT sponsored training course before, (vi) Publications and (vii) Accommodation required. Selection would be based as per DBT guidelines.

Total no. of participants: 20.

Important dates and fee: Last date of receipt of application (through post/e-mail): Tuesday **1 December 2015**;

List of selected candidates will be displayed on website by Tuesday **15 December 2015**;

Last date to receive consent from selected candidates: Tuesday **29 December 2015**.

Please visit web link to VIGS 2016 at <http://hcst.edu.in/>

The application should be forwarded by Head of the Institute/Department/Supervisor. Selected candidates, who want to avail boarding and lodging, should send the prescribed fee of Rs 3500 in the form of DD in favour of 'Hindustan College of Science and Technology', payable at Agra to Course Director by **31 December 2015**.

Course Director: Arun P. Chopra, Ph.D., Associate Dean Research and Development, Hindustan College of Science and Technology, Farah, Mathura 281 122, UP, India; e-mail: arun.chopra.hcst@sgei.org.

Cytogenetics Laboratory, Department of Zoology Banaras Hindu University, Varanasi 221 005

Research Staff Positions under SERB and DBT Projects

Applications are invited for following temporary positions under externally funded research projects: Research Associate (01) and Senior Research Fellow (01) in a SERB project entitled '**RNomic and proteomic changes following administration of Ayurvedic Rasayana in wild type and neurodegenerative *Drosophila* models**' and Research Associate (01) in a DBT (CEIB-II) project entitled '**Functions of the multiple long noncoding transcripts of the *hsr ω* gene of *Drosophila***'. The emoluments of RA would be @ Rs 36,000 p.m. + HRA and of SRF would be @ Rs 28,000 p.m. + HRA. Research work would involve RNomic and proteomic studies in *Drosophila* in combination with advanced genetic and molecular cell biological approaches. Positions are temporary and co-terminus with the respective project. Candidates for Research Associate position should hold Ph.D. or equivalent degree, with at least two research publications in good journals, and those for SRF must have at least two years' research experience after Master's degree (at least 55% marks) and at least one research publication in Life Sciences/Biochemistry/Biotechnology/Molecular and Human Genetics/Zoology or related area. Previous experience in molecular biology and/or *Drosophila* molecular genetics is desirable. Those who have submitted or are about to submit their Ph.D. thesis may also apply for the RA position for consideration for appointment as SRF till their Ph.D. degree is awarded. The upper age limit, 45 years for RA and 32 years for SRF, can be relaxed for 5 years for SC/ST/physically handicapped/female candidates. All things being equal, SC/ST candidates will be preferred as per Gol rules. The actual emoluments payable to the selected RA/SRF would be as per DST/BHU rules.

Application on plain paper or through e-mail giving name, permanent and correspondence address, names of father and mother, telephone/mobile no., e-mail address, details of educational career (starting from High School or equivalent) along with a recent photograph, attested copies of all marks-sheets and certificates and details of previous research/work experience, list of research publications, names and contact details (e-mail id) of three referees should reach **Prof. S. C. Lakhotia**, P.I., Cytogenetics Laboratory, Department of Zoology, Faculty of Science, Banaras Hindu University, Varanasi 221 005 (e-mail: lakhotia@bhu.ac.in) **within 21 days** of publication of this notification. The post applied for must be specifically mentioned.

No TA/DA will be payable if called for interview.