



Refresher Course on INNOVATION AND DEVELOPMENT IN PLANT SCIENCES TEACHING AND RESEARCH (ID)

(2nd December 2013 to 21st December 2013)

**Organized by
UGC-Academic Staff College and Department of Botany,
Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.) 495 009**

“ Loss of plant diversity has been one among the world's most pressing issues and its conservation, a frightful challenge, imposed not only on the scientific world or the stake holders, but all those who are concerned about it....you, me and everyone here!!”

Aims & Objectives:

The purpose of Refresher Course is to ensure that skills among staff remain sharp and that previous learning's are retained and kept current and to update the knowledge base of the participants from various streams of Plant sciences.

The objective of this Refresher Course is to give the participants a hands-on training on Plant Science and plant molecular biology techniques; and the theory behind them. A variety of teaching methods such as lectures, interaction with eminent resource persons in their field of research, discussion and laboratory work shall facilitate the learning process. The Course will help the participants to gain and sharpen their skills in plant science and related subjects. This training provides them necessary knowledge to boost their confidence in handling modern instruments used in the field of life sciences. The skills gained during this Course will effectively fulfil contemporary challenges and facilitate them to train undergraduate/postgraduate students and better researchers. The Course will consist of lectures followed by practical/demonstration/hands-on training every day.

Who Can Attend?

College and University teachers of Botany, Microbiology, Biotechnology, Forestry and Pharmacy (Adhoc teachers will be considered as per UGC norms).

About Academic Staff College (ASC):

UGC-Academic Staff College (ASC) was established in the lush green campus of Guru Ghasidas Vishwavidyalaya (A Central University) in 2009. ASC is organising various kinds of training programmes to enhance the professional skills and knowledge of teaching and non-teaching staff. The ASC has state of the art ICT Laboratory equipped with high speed internet & video conferencing facilities. The facilities of Central Library of Vishwavidyalaya, equipped with more than 1 lakh books and journals, Science Direct and INFLIB NET, have been extended to ASC, which make possible an easy access to books, journals and e-resources. The ASC has developed strong linkages with reputed national and international institutes and invites eminent academicians and researchers as resource persons as per the needs of the training programmes. The highly motivated faculty, state of the art facilities

and excellent logistics made it possible successfully organise the quality programmes.

About Botany Department:

Established in 2009, the Department of Botany is one of the youngest departments included in the School of Life Sciences. The department offers both basic and advanced courses in plant sciences. The department offers four broad specialization streams in the courses viz., stress biology of plants, ecology and environmental biology, biodiversity conservation, ethno-botany and reproductive phenology and palynology. The department has three well equipped laboratories with rich instrumentation facility which includes microscopy with Leica (DM200), Digital Research Microscopy, Gel Electrophoresis units with accessories for DNA, RNA and protein analysis, PCR thermocycler, Deep Freeze (-20°C), Gas Sampling Kit, Respirable Dust Sampler, Gas Chromatogram etc. Under Central Instrumentation Facility (CIF) of School of life sciences we have LC-MSMS, HPLC, AAS, RT-PCR, CHEMI-DOC etc. The back bone of the department are its teachers headed by Professor S K Chaturvedi; FBS, FBRs, FIAAT, FBSA, who were specialized in frontier areas including stress physiology, microbiology biotechnology, environmental management and restoration and biodiversity conservation, reproductive plant biology, bionanotechnology, Phycology pharmacognosy etc. and joined this University from abroad and reputed institutes across India.

How to Apply:

The eligible and interested candidates need to apply through proper channel in prescribed

application format. Application forms can be downloaded from the university website: www.ggu.ac.in and are requested to send along with a Demand Draft of Rs. 500/- in favour of The Director, UGC-ASC, Guru Ghasidas University payable at Bilaspur (CG). Applications without Demand draft will not be entertained. Out station participants will be provided accommodation in University/ASC guest house as per the availability. The participants will be paid TA and DA as per UGC norms.

How to reach Bilaspur (CG):

Bilaspur City of Chhattishgarh is well connected by rail and roadways. Nearest airport is Raipur 110 KM which is well connected through all major cities.

Important Dates:

- Last Date for Submission of Application Forms: 15/11/2013
- Program Dates: 02nd to 21st December, 2013

Contact:-

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