



Prof. Pankaj Kumar

Principal Coordinator, CoE Coordinator BIF
Head, Bioinformatics & Course Director

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No. SVP/CBT/B&P/2023/5198

Date: Aug 09, 2023

To,

The Vice-Chancellor/Dean/ Director

Sub.: FACULTY TRAINING programme on **'Integrating Molecular and Bioinformatic Tools for Advancing Agriculture & Allied Sciences' October 26 – November 08, 2023** –Reg.

The **Centre of Excellence in Agri Biotechnology** established with the funding of CST, UP in collaboration with **Bioinformatics Infrastructure Facility** funded by DBT, New Delhi announces OFFLINE / ONLINE FACULTY TRAINING programme entitled **'Integrating Molecular and Bioinformatic Tools for Advancing Agriculture & Allied Sciences'** during **October 26 – November 08, 2023**. This will be the 11th FACULTY TRAINING programme in the series since 2011-12.

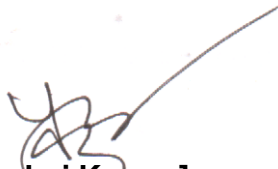
The course will comprise theory lectures on molecular biology techniques and bioinformatics along with its application in agriculture and allied sciences. Scientists, researchers, teachers and research scholars of the Universities/ colleges & research institutes working in Life/ Biological/ Agricultural Sciences are eligible. The maximum number of offline participants will be limited to 25.

Nominations of one or two faculty members in the prescribed format for the above training programme may be sent latest by October 10, 2023 to the address given below:

Dr. Neelesh Kapoor
Asstt. Prof. (Finger Printing) &
Course Coordinator
drneeshbiotech@gmail.com (9456830969, 7017853893)

Dr. Sandeep Kumar
Assoc. Prof. (Biochem. & Physiol.) &
Course Coordinator
sandeep4554@gmail.com (9258163346)

The selected candidates will have to pay Rs. 2,500.00 (Rs. Two Thousand Five Hundred only **for Online**) or Rs. 7,500.00 (Rs. Seven Thousand Five Hundred only **for Offline**) as registration fee in the form of DEMAND DRAFT in favor of Comptroller, SVPUAT, payable at Meerut or online transfer to Comptroller S. V. B. Patel University Agri. & Tech. A/c No. 10172902452 IFSC SBIN0010653. The application form can be downloaded from the university website. <http://www.svpuat.edu.in>. No TA/DA will be paid by the organizers & guest house will be made available on payment basis.


[Pankaj Kumar]



सत्यमेव जयते

Faculty Training 'Integrating Molecular and Bioinformatic Tools for Advancing Agriculture & Allied Sciences'

(October 26 – November 08, 2023)



Organized by

Centre of Excellence in Agri Biotechnology funded by UPCST & Bioinformatics Infrastructure Facility
funded by DBT, New Delhi, College of Biotechnology
Sardar Vallabhbhai Patel University of Agriculture & Technology, Meerut-250110



About the COE: The Centre of Excellence in Agri-Biotechnology established jointly by the Council of Science & Technology, Government of Uttar Pradesh & Department of Biochemistry & Physiology, SVPUAT as a Centre for Advanced Research and Human Resource Development in the field of Agriculture Biotechnology. COE has a specific niche with a clear focus on research and applications of biotechnology to the region-specific crops and problems related to semi-arid to arid climatic conditions. The Centre's ultimate goal, however, is to achieve regional leadership in the field of biotechnological research and establish cooperative ties with national and international centers in order to help transfer and develop modern technology for the common good of mankind.

About the BIF: The Bioinformatics Infrastructure Facility established at the University with the financial assistance of Department of Biotechnology, Government of India, New Delhi with the objectives of capacity building for the students of Biotechnology & Bioinformatics and Assistance to students in accessing, searching and retrieval of biological information.

About the course: Biotechnology is fast growing multidisciplinary applied science, which has a great application in the agriculture and allied sciences. Therefore, to tap the full potential, the present training programme will focus on the application and approaches of Biotechnology and Bioinformatics to enhance production and productivity in agricultural research. The course will comprise theory lectures on molecular biology techniques and bioinformatics along with its application in agriculture and allied sciences.

Topics to be Covered: Nucleic acids: Qualitative and Quantitative estimation, Protein Profiling, Plasmid DNA isolation & Quantification, Blotting Techniques, IPR issues, Bioinformatic softwares, Primer Designing, Phylogenetic Analysis, Molecular Profiling Statistical Analysis of molecular data, CLC Genomics workbench, OmicsBox, Gene Expression analysis using NGS data.

About the participants: Scientists, researchers, teachers and research scholars of the Universities/ colleges & research institutes working in Life/ Biological/ Agricultural Sciences are eligible. The maximum number of participants will be limited to 25.

Training fee: The selected candidates will have to pay Rs. 2,500.00 (Rs. Two Thousand Five Hundred only **for Online**) or Rs. 7,500.00 (Rs. Seven Thousand Five Hundred only **for Offline**) as registration fee in the form of DEMAND DRAFT in favor of Comptroller, SVPUAT, payable at Meerut or online transfer to Comptroller S. V. B. Patel University Agri. & Tech. A/c No. 10172902452 IFSC SBIN0010653.

Organizing Committee

Chief Patron

Dr. K. K. Singh

Vice Chancellor, SVPUAT, Meerut

Patrons

Dr. Ramji Singh

Dean PGS & Registrar

Dr. Anil Sirohi

Director Research

Dr. R. Kumar

Dean, Biotechnology

Dr. Rajeev Singh

Dean, CoVAS

Course Directors

Dr. Pankaj Kumar

*Principal Coordinator, CoE in Agri. Biotech.
Coordinator, BIF & Head, Bioinformatics*

Dr. Rekha Dixit

*Professor, (Biochem. & Physiol.)
Head, Basic Science, CoSST*

Course Coordinators

Dr. Sandeep Kumar

Assoc. Prof. (Biochem. & Physiol.)

Dr. Rajendra Singh

Prof. (Entomology)

Dr. Neelesh Kapoor

Asstt. Prof. (Finger Print.)

Dr. Mahesh Kr. Bharti

Asstt. Prof. (Biochem. & Physiol.)

Dr. Harshit Verma

Asstt. Prof. (Vet. Microbiol.)

Dr. Koushlesh Ranjan

Asstt. Prof. (Biochem. & Physiol.)



**Centre of Excellence in Agri-Biotechnology
& Bioinformatics Infrastructure Facility
College of Biotechnology
Sardar Vallabhbhai Patel University of Agri. & Tech. Meerut
250110 (U.P.)**

ONLINE TRAINING ON

**“Integrating Molecular and Bioinformatic Tools for Advancing Agriculture & Allied Sciences”
(October 26 – November 08, 2023)**

Application Form

1. Full Name (in block letters) :
2. Designation :
3. Date of birth :
4. Sex: Male/Female :
5. Present employer and address :
6. Basic pay on 01.07.2023 :
7. Residential address :
Phone No. :
E-mail :
- Address to which reply should be sent
8. Academic Record (starting with graduation) Exam/ Subjects/Year of pass/University/Class etc.
9. Major area of specialization :
10. Professional experience (mention the posts held since the beginning of your career starting with the latest one):
11. Publications (nos. only)
(i) Books : (ii) Research papers :
(iii) Technical articles : (iv) Reports :
(v) Popular articles :
12. Training programmes attended during the last three years
13. Do you have hands on experience of Molecular Biology techniques (if yes please specify)
14. State how this training is going to be useful to you

Date :
Place :

Signature of the candidate

Recommendations of forwarding authority:

**Signature of HOD/Dean/Director
Name:
Designation:
Address:**