



**Prof. Pankaj Kumar**

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

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No. SVP/CBT/B&P/2024/5335

Date: July 18, 2024

To,

The Vice-Chancellor/Dean/ Director

Sub.: FACULTY TRAINING programme on **‘Advancing Agriculture and Allied Sciences Through the Integration of Bioinformatics and Molecular Biology Resources’**  
**November 07 - 20, 2024 –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 FACULTY TRAINING programme entitled **‘Advancing Agriculture and Allied Sciences Through the Integration of Bioinformatics and Molecular Biology Resources’** during **November 07 - 20, 2024**. This will be the 12<sup>th</sup> FACULTY TRAINING programme in the series since 2011-12.

The course will comprise theory lectures on molecular biology techniques and bioinformatic tools 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 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 21, 2024 to the address given below:

**Dr. Harshit Verma**

Asstt. Prof. (Vet. Microbiol.) &  
Course Coordinator

[harsh.verma14@gmail.com](mailto:harsh.verma14@gmail.com) (8077426760)

**Dr. Sandeep Kumar**

Assoc. Prof. (Biochem. & Physiol.)

Co-Coordinator, CoE & Course Coordinator

[sandeep4554@gmail.com](mailto:sandeep4554@gmail.com) (9258163346)

The selected candidates will have to pay Rs. 7,500.00 (Rs. Seven Thousand Five Hundred only) 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 of 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 facility will be made available on payment basis.

  
[Pankaj Kumar]



**Faculty Training**  
**'Advancing Agriculture and Allied Sciences Through the Integration of**  
**Bioinformatics and Molecular Biology Resources'**

(November 07 - 20, 2024)



**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 Bioinformatic tools 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 etc.

**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. 7,500.00 (Rs. Seven Thousand Five Hundred only) 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 of Agri. & Tech. A/c No. 10172902452, IFSC SBIN0010653.

**Organizing Committee**

**Chief Patron**

**Dr. K. K. Singh**

*Vice Chancellor, SVPUAT, Meerut*

**Patrons**

**Dr. Ramji Singh**

*Registrar*

**Dr. R. Kumar**

*Dean, Biotechnology*

**Dr Kamal Khilari**

*Director Research*

**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. Rajendra Singh**

*Prof. (Entomology)*

**Dr. Sandeep Kumar**

*Assoc. Prof. (Biochem. & Physiol.)*

**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.)*

**Dr. Shriya Rawat**

*Asstt. Prof. (Vet. Public Health)*

**Dr. Atul Gupta**

*Asstt. Prof. (Animal Gen. & Breeding.)*



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

TRAINING ON

**“Advancing Agriculture and Allied Sciences Through the Integration of Bioinformatics and  
Molecular Biology Resources”  
(November 07 - 20, 2024)**

**Application Form**

1. Full Name (in block letters) :
2. Designation :
3. Date of birth :
4. Sex :
5. Present employer and address :
6. Basic pay on 01.07.2024 :
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:**