



DEEN DAYAL UPADHYAYA COLLEGE (University of Delhi)

organises

Online Value Added Course Phyloinformatics

Patron

Prof. Hem Chand Jain
Principal, DDUC

Convenor

Dr. Varnika Bhatia
Asst. Prof., Deptt. of Botany

Date

18th Sept., 2021

Online

via Zoom Platform
5:00 p.m. - 8:00 p.m.
on Saturdays

Contact

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Course Details

Description	Structure	Learning Outcomes	Eligibility	Registration	Payment
The course deals with the study of phylogeny using an array of computer programs. The learners will be trained in various conceptual as well as technical aspects of Phylogenetic analysis.	The course will commence on 18th Sept., 2021 and is structured across 12 weeks, with once a week session of 3 hours. Participants will be trained through live lectures and hands on sessions.	<ul style="list-style-type: none">• BLASTn/p search tools• Homology assessment• Sequence annotation• Sequence editing (BioEdit, GeneiousPro)• Multiple Sequence Alignment (GeneiousPro, MEGA)• Phylogenetic analysis: Distance, MP, ML (MEGA, PAUP, RAxML)• Descriptive Statistics• Test of Evolutionary Models (jModelTest)• Bayesian Phylogenetic analysis (Mr.Bayes, BEAST)• Ancestral Character State Reconstruction (MESQUITE)• Molecular Clock Analysis• Fossils Calibrations• Molecular Dating (TED) Biogeography Analysis (RASP/ S-DIVA)• Spatial Reconstruction (GenGIS)	Students of Life Sciences UG/ PG/ Scholars/ Faculty	Participants are required to fill the registration form and upload the proof of payment in the form Registration form link: https://forms.gle/r2hLFJZwYcWYqvDj7 Registration Date: 4 th Sept., 2021 Last Date of Registration: 10 th Sept., 2021	Payment to be made via NEFT/ Net Banking Course fees: INR 2000/- A/C Name: ADD-ON COURSE A/C Deen Dayal Upadhyaya College A/C No.: 52012011002259 A/C Type: Savings Bank: Punjab National Bank Branch: Karampura IFSC: PUNB0520110 MICR: 110024665