

# One Month Hands-On Mentorship Training Course

Venue: Phixgen Private Limited  
(B-104, Third floor, Sector-55, Noida)

Date (Day)	Topic
<b>Week-I</b>	
02.06.2025 (Monday)	Talk by: <b>Prof. Rup Lal</b> (INSA Senior Scientist, Acharya Narendra Dev College, University of Delhi) <i>“Orientation to the training program”</i>
03.06.2025 (Tuesday)	Talk by: <b>Prof. Pratyosh Shukla</b> (Banaras Hindu University, Varanasi) Hands on: <i>“Preparation of Media/Chemicals and autoclaving”</i>
04.06.2025 (Wednesday)	Talk by: <b>Dr. Om Prakash</b> (Symbiosis Center for Climate Change and Sustainability, Symbiosis International University, Pune) Hands on: <i>“Plate preparation and primary inoculation”</i>
05.06.2025 (Thursday)	Talk by: <b>Dr. Om Prakash</b> (Symbiosis Center for Climate Change and Sustainability, Symbiosis International University, Pune) Hands on: <i>“Preservation of bacterial cultures”</i>
06.06.2025 (Friday)	Hands on: <i>“Secondary inoculation of bacterial cultures”</i>
<b>Week-II</b>	
09.06.2025 (Monday)	Talk by: <b>Dr. Roshan Kumar</b> (Magadh University, Bodh Gaya) Hands on: <i>“Isolation of Genomic DNA”</i>
10.06.2025 (Tuesday)	Talk by: <b>Dr. Shekhar Nagar</b> (Deshbandhu College, University of Delhi) Hands on: <i>“Isolation of Plasmid DNA”</i>
11.06.2025 (Wednesday)	Talk by: <b>Prof. Rup Lal</b> (INSA Senior Scientist, Acharya Narendra Dev College, University of Delhi) Hands on: <i>“Gel Electrophoresis”</i>
12.06.2025 (Thursday)	Talk by: <b>Dr. Princy Hira</b> (Maitreyi College, University of Delhi) Hands on: <i>“Secondary metabolite extraction”</i>

13.06.2025 (Friday)	Hands on: “ <i>Downstream purification using column chromatography</i> ”
<b>Week-III</b>	
16.06.2025 (Monday)	Talk by: <b>Dr. Utkarsh Sood</b> (Kirori Mal College, University of Delhi) Hands on: “ <i>Bacterial genome assembly</i> ”
17.06.2025 (Tuesday)	Talk by: <b>Dr. Helianthous Verma</b> (Ramjas College, University of Delhi) Hands on: “ <i>Genome annotations</i> ”
18.06.2025 (Wednesday)	Talk by: <b>Dr. Pushp Lata</b> (Department of Zoology, University of Delhi) Hands on: “ <i>Phylogenetic Analysis</i> ”
19.06.2025 (Thursday)	Talk by: <b>Dr. Mansi Verma</b> (Hansraj College, University of Delhi) Hands on: “ <i>Functional Genomics</i> ”
20.06.2025 (Friday)	Talk by: <b>Dr. Mansi Verma</b> (Hansraj College, University of Delhi) Hands on: “ <i>Phylogenomics</i> ”
<b>Week-IV</b>	
23.06.2025 (Monday)	Talk by: <b>Dr. Roshan Kumar</b> (Magadh University, Bodh Gaya) Hands on: “ <i>Introduction of Metagenomics</i> ”
24.06.2025 (Tuesday)	Talk by: <b>Prof. Rup Lal</b> (INSA Senior Scientist, Acharya Narendra Dev College, University of Delhi) Hands on: “ <i>Metagenomic diversity analysis</i> ”
25.06.2025 (Wednesday)	Talk by: <b>Dr. Utkarsh Sood</b> (Kirori Mal College, University of Delhi) Hands on: “ <i>Metagenomic functional analysis</i> ”
26.06.2025 (Thursday)	Talk by: <b>Dr. Nirjara Singhvi</b> (Dev Bhoomi Uttarakhand University) Hands on: “ <i>Introduction to Proteomics</i> ”
27.06.2025 (Friday)	Talk by: <b>Dr. Jasvinder Kaur</b> (Gargi College, University of Delhi) Hands on: “ <i>Protein-ligand docking</i> ”
<b>Week-V</b>	
30.06.2025 (Monday)	<i>Valedictory and certificate distribution</i>