



NAHEP



# Hands-on Training on Mass Production of Biocontrol Agents and Bio-pesticides

26 October to 01 November, 2023

[www.sknu.ac.in](http://www.sknu.ac.in) / [www.nahepjobner.in](http://www.nahepjobner.in)



**PATRON**  
**Prof. Balraj Singh**  
Hon'ble Vice Chancellor  
SKNAU, Jobner



**ORGANIZER**  
**Dr. M.L. Jakhar**  
Director, HRD & PI, NAHEP  
SKNAU, Jobner



**CO-ORGANIZER**  
**Dr. B.L. Jat**  
Dean & Faculty Chairman  
SKNCOA, Jobner



**COORDINATOR**  
**Dr. Akhter Hussain**  
Associate Professor & Head,  
Entomology, SKNCOA, Jobner



**CO-PI, NAHEP**

**Dr. D.K. Gothwal**

## CO-COORDINATORS

**Dr. Jugal Kishor Bana**  
**Dr. Manisha Sharma**

## ORGANIZING TEAM

**Dr. R. K. Meena**  
**Dr. S. L. Sharma**  
**Dr. Suman Choudhary**  
**Mr. Pankaj Kr Kaswan**  
**Dr. Pawan Choudhary**  
**Mr. Vinod Kr Kudi**  
**Mr. Anil Kulheri**

Organized Jointly by

Department of Entomology and IDP-NAHEP  
SKN Agriculture University, Jobner-303 329, Jaipur (Raj.)



# Hands-on Training on Mass Production of Biocontrol Agents and Bio-pesticides

26 October to 01 November, 2023

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## PROGRAMME SCHEDULE

Date	Time	Topic	Expert
26.10.2023	11.00 AM to 12.30 AM	Inaugural session	Prof. Balraj Singh Dr. M.L. Jakhar Dr. B.L. Jat Dr. Akhter Hussain
	02.00 PM to 4.00 PM	Lecture: An Overview of biocontrol agents	Dr. Akhter Hussain, Associate Professor, SKNCOA, Jobner
27.10.2023	11.00 AM to 1.00 PM	Lecture: Identification of common NEs of crop pests (parasitoids, predators, microbes) and weed killers	Dr. B. L. Jat, Dean and Faculty Chairmen, SKNCOA, Jobner
	02.00 PM to 4.00 PM	Practical: Preparation of plant extract: neem, karanj etc	Dr. Manisha Sharma/Dr. Jugal Kishor Bana, Assistant Professor, SKNCOA, Jobner
28.10.2023	11.00 AM to 1.00 PM	Lecture: An Overview of some biopesticides and uses in IPM	Dr. S. Godika Head, Dept of Plant Pathology SKNCOA, Jobner
	02.00 PM to 04.00 PM	Lecture: Large scale adoption of biocontrol agents: challenges and opportunity	Dr. M. S. Yadav, Principal Scientist, NCIPM, ICAR, New Delhi
29.10.2023	11.00 AM to 1.00 PM	Lecture: Role of biocontrol agents in IPM	Dr. H. L. Deshwal, Professor and Head (Entomology), SKRAU, Bikaner
	02.00 PM to 4.00 PM	Lecture: A global perspective of entomopathogens as microbial biocontrol agents of insect-pests	Dr. H. L. Deshwal, Professor and Head (Entomology), SKRAU, Bikaner
30.10.2023	11.00 AM to 1.00 PM	Lecture: Recent advances for biological control of insect-pests	Dr. R. K. Meena, Associate Professor, SKNCOA, Jobner
	02.00 PM to 4.00 PM	Practical: Hands on training on mass production of microbials (entomopathogenic fungi and NPV)	Dr. Manisha Sharma/Dr. Jugal Kishor Bana, Assistant Professor, SKNCOA, Jobner
31.10.2023	11.00 AM to 1.00 PM	Lecture: Mass Production techniques of important biocontrol agents	Sh. Shriram Didel, Plant Protection Officer, CIPM centre, Jaipur
	02.00 PM to 04.00 PM	Practical: The hands on practical sessions on rearing of rice moth, <i>Corcyra cephalonica</i> , mass production procedure of <i>Trichogramma</i> spp. and Tricho-card preparation	Dr. Manisha Sharma/Dr. Jugal Kishor Bana, Assistant Professor, SKNCOA, Jobner
01.11.2023	11.00 AM to 1.00 PM	Lecture: Biological control of invasive insect-pests	Dr. Jugal Kishor Bana, Assistant Professor, SKNCOA, Jobner
	02.00 PM to 04.00 PM	Valedictory session	Prof. Balraj Singh Dr. M.L. Jakhar Dr. B.L. Jat Dr. Akhter Hussain

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SKN Agriculture University, Jobner-303 329, Jaipur (Raj.)





**NAHEP**  
**INSTITUTIONAL DEVELOPMENT PLAN**  
National Agricultural Higher Education Project  
Sri Karan Narendra Agriculture University  
Jobner-303329, Distt. Jaipur (Rajasthan)  
Email ID: [pi.nahep@sknau.ac.in](mailto:pi.nahep@sknau.ac.in)



## सात दिवसीय प्रशिक्षण

(दिनांक: 26 अक्टूबर – 01 नवंबर, 2023)

**“Hands-on Training on Mass Production of Biocontrol Agents and Bio-pesticides”**

स्थान:- कीटविज्ञान विभाग, श्री कर्ण नरेंद्र, कृषि महाविद्यालय, जोबनेर

### आमंत्रण-पत्र

अत्यंत हर्ष के साथ सूचित किया जा रहा है कि माननीय कुलपति, प्रो. बलराज सिंह, श्री कर्ण नरेंद्र, कृषि विश्वविद्यालय, जोबनेर की प्रेरणा से कृषि महाविद्यालय जोबनेर के कीटविज्ञान विभाग में “Hands-on Training on Mass Production of Biocontrol Agents and Bio-pesticides” विषय पर सात दिवसीय लघु प्रशिक्षण कार्यक्रम का आयोजन किया जा रहा है। इस प्रशिक्षण के दौरान Mass Production of Biocontrol Agents and Bio-pesticides” से संबंधित विभिन्न पहलुओं की व्यावहारिक एवं प्रायोगिक जानकारी विभिन्न प्रख्यात वैज्ञानिकों द्वारा दी जायेगी। प्रशिक्षण के दौरान प्रशिक्षणार्थियों को भोजन एवं रहने की व्यवस्था स्वयं को करनी होगी। इस प्रशिक्षण के लिए अधिकतम 30 सीट्स एवं न्यूनतम शैक्षणिक योग्यता 10+2 उत्तीर्ण तथा पंजीयन शुल्क मात्र 1500/- रुपये रखा गया है। इच्छुक व्यक्ति अपना पंजीयन शुल्क नीचे लिखे बैंक खाते में जमा करवा कर जमा राशि के प्रमाण की प्रतिलिपी ई-मेल पर भिजवाकर अपनी सीट निर्धारित करवा सकते हैं। सीट का निर्धारण “पहले आओ पहले पाओ” के आधार पर किया जायेगा।

मार्गदर्शक  
डॉ. बलराज सिंह  
कुलपति, SKNAU  
जोबनेर

आयोजक  
डॉ. एम. एल. जाखड़  
परियोजना प्रभारी, नाहेप  
SKNAU, जोबनेर

कार्यक्रम समन्वयक  
डॉ. बी. एल. जाट  
अधिष्ठाता, SKNCOA  
जोबनेर

डॉ. अखतर हुसैन  
विभागाध्यक्ष, कीटविज्ञान  
विभाग SKNCOA  
जोबनेर

तकनीकी सहयोग सूत्र:- 9460722682, 7737114902, 9828055982

Account Holder Name: PI, IDP-NAHEP, SKNAU, Jobner

Branch details: SBI Bank, Jobner

Bank Account No: 39223372150, IFSC: SBIN0011305

नोट:- कृपया अपना पंजीकरण शुल्क दिनांक 25.10.2023 से पहले जमा करवाकर जमा राशि का प्रमाण एवं आवेदन पत्र की प्रतिलिपी ई-मेल [pi.nahep@sknau.ac.in](mailto:pi.nahep@sknau.ac.in) पर भेजे।

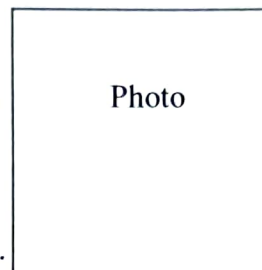


**PARTICIPATION FORM**  
**One Week Hands on Training Programme**  
**on**

**“Mass Production of Biocontrol Agents and Bio-pesticides”**

*Venue:* NAHEP/Department of Entomology, SKNCOA, Jobner

1. Applicant Name (in capital letters).....
  2. Designation/ Occupation.....
  3. Present Institute.....
  4. Gender: (male/female).....
  5. Aadhar no.....
  6. Date of birth;.....
  7. Educational Qualification:.....
  8. Organization: .....
  9. Candidate address: .....
  10. Email address: .....Mobile no.....
  11. Previous experiences.....
  12. Payment details of Rs. 1500/- (non-refundable)
- Dated.....reference no.....
- Mode of payment.....



Photo

**Declaration**

I certify that the above information is correct and complete to the best of my knowledge and belief.

**Signature of the applicant with date**

**Mailing Address**

Dr. M. L. Jakhar

Coordinator/Principal Investigator, IDP-NAHEP

Sri Karan Narendra Agriculture University, Jobner - 303 329

Email: pi.nahep@sknau.ac.in