



ICAR Winter School

on

New-age strategies for enhancing oilseed Brassica production in India

02-22 January, 2026

Sponsored by

Indian Council of Agricultural Research, New Delhi



Patron

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Course Co-Directors

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Senior Scientist (Agronomy)

Organized by

ICAR-Indian Institute of Rapeseed-Mustard Research, Sewar, Bharatpur-321 303, Rajasthan

Background

Oilseeds crops are the second most important determinant of agricultural economy, next only to cereals. India has the 5th largest vegetable oil economy in the world next to USA, China, Brazil and Argentina accounting for 7.4% world oilseed output; 5.8% vegetable oil production; 11.2% of world oil import and 9.3% of the world edible oil consumption.

Though, domestic edible oil production (12.2 mt in 2023-24) increased 40% since 2015-16, however, still we are importing over 60% (16.4 mt) of its domestic requirement (28 mt) during 2024-25. This is the matter of concern when we are meeting more than half of the domestic edible oil requirement from outside which is costing 20.8 billion USD.

Rapeseed-mustard is a versatile oilseed crop insulated to drought and salinity stresses, adapted to rainfed and irrigated ecology, and self tilling root system. A potential oilseed crop in India under the changing climate with the increasing temperature and decreasing water availability in future.

The ICAR-IIRMR, a premier national Institute, is working on crop improvement, crop production, crop protection, biotechnology and extension to address different issues in the rapeseed-mustard production. This course will bring experts together to deliver lectures and practical sessions on various aspects of rapeseed-mustard production. With high equipped laboratories, research farms, and successful farmer field models, IIRMR offers an excellent platform for learning.

Objectives

- To provide advance knowledge on oilseed Brassica production in India to the participants
- To expose the participants with new-age strategies of production, protection and biotechnological approaches in oilseed Brassica
- Acquaint participants about the quality oil and seed production of rapeseed-mustard
- Expose participants with intensive digital extension outreach solutions to disseminate the technologies

Core content

- Genetic enhancement for high seed yield, oil content, oil quality, and biotic and abiotic stress tolerance
- Management and utilization of genetic and genomic resources
- New-age production and protection technologies in oilseed Brassica

- Resource conservation and diversification for high input use efficiency
- Digital extension models
- Value chain and entrepreneur development

About the ICAR-Indian Institute of Rapeseed-Mustard Research

The ICAR established the National Research Centre on Rapeseed-Mustard (NRCRM) in Bharatpur on October 20, 1993, for research on rapeseed-mustard crops. Its mandate includes basic and applied research, developing sound agro-technologies, and coordinating research nationally through a network of 53 centres under AICRP-RM. In February 2009, NRCRM was upgraded to the Directorate of Rapeseed Mustard Research (DRMR). The Directorate was further upgraded in 2024 to the ICAR-Indian Institute of Rapeseed-Mustard Research (IIRMR). The IIRMR now functions as a core institute supporting the production system research for the entire rapeseed and mustard group of crops.

Pedagogy

The program aims at researchers, teachers and extension workers who are working on oilseed Brassica crops and other oilseed crops. The course delivery strategy will have a mix of lectures, practical or hands-on practice, discussions, case studies and exposure visits. The learning's of the participants will be evaluated weekly and at the end of the program.

Duration and Venue

This course of 21-days duration is offered during January 02-22, 2026 at ICAR-IIRMR, Bharatpur, Rajasthan. The participants are expected to arrive latest by the evening of January 01, 2026 and can leave after 17.00 hrs. on the last day of the program. The program is completely residential.

Eligibility

Scientists/ Assistant professors or equivalent and above working in ICAR institutes/ SAUs/ KVKs and CAUs can apply for this training programme. The participants must have a master's degree in agriculture and allied subjects. The number of participants will be 25 including the institutional candidates (10%).

Participant's selection

Maximum intake for the program is 25 participants. As per the eligibility criteria. Participants selection would be based on first-cum-first basis. Selection of candidates is a matter of discretion of the Competent Authority of ICAR-IIRMR. Participants nomination from the respective heads of organizations does not entail confirmed participation in the program. A formal confirmation letter indicating the selection of candidates will be sent by ICAR-IIRMR a week after the last date for receipt of nominations.

Nominations

The last date of receipt of nominations is December 10, 2025. The selected candidates will be intimated during the 3rd week of December, 2025 by email. Nominations need to be submitted electronically through emails to Course Director ICAR-IIRMR (rsjat73@gmail.com). Participants are advised to depart to ICAR-IIRMR, Bharatpur only after the receipt of participation confirmation letter from course director.

Registration

There is no course fee, however, a non-refundable registration fee of Rs. 50/- (Rupees fifty only) is to be paid at the time of registration. Applications are invited through the proper channel to the email id of the Course Director, IIRMR (rsjat73@gmail.com).

TA and DA

Participants will be paid to and from fare for journey performed by the shortest route by rail or bus or other means of transport. The payment will be made as per their entitlement but restricted to the maximum of AC II tier train fare. If any participant chooses to travel by Air, he/she may do so, but their claim shall be restricted to AC II tier train fare, provided they book tickets from IRCTC and Balmer Lawrie websites only. Participants are required to produce

a photo-copy of the rail / bus / air tickets (only by public transport) and original onward boarding pass for reimbursing the travel expenditure

Boarding and Lodging

Participants will be provided rent-free accommodation, wholesome meals and refreshments. Local participants will be provided lunch and inter-sessions tea only.

Travel

The Institute is located 07 km and 03 km away from the Bharatpur railway station and bus stand, respectively on Agra-Jaipur national highway. Bharatpur, internationally known for Keloadeo National Bird Sanctuary, is on the Delhi-Mumbai main railway track just 36km ahead of Mathura (UP) and well connected with Jaipur, Delhi, Mathura and Agra by road and rail.

For further information about the program please contact:

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Bharatpur-321 303, Rajasthan**

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**New-age strategies for enhancing oilseed Brassica
production in India
(January 02-22, 2026)**

Name:

Gender:**Date of Birth:**.....

Designation:

University/Institute:

Educational qualification:.....

Mobile No.:

Email ID:

Subject/Specialization:

Corresponding Address with PIN Code:

.....



Photo

Signature of Applicant:

Forwarding from HoD/Head of the Institution:.....

Signature & Office seal

Important Dates:

- Last date for receipt of application: 10/12/2025
- Selection intimation to applicants: 15/12/2025

