

“विकसित भारत – विकसित कृषि
एक राष्ट्र, एक कृषि और एक टीम”



**National Conference on
Advances in Sustainable Plant
Protection under Changing
Agriculture Scenario**

18-20th September, 2025

Venue:

Department of Entomology

Rajasthan College of Agriculture

Maharana Pratap University of Agriculture & Technology

Udaipur, Rajasthan - 313 001

Organized By:

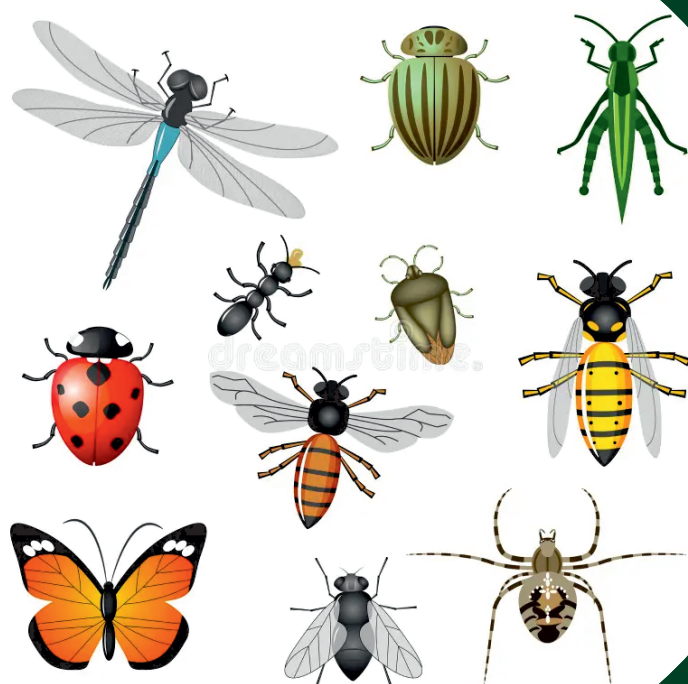
Entomological Research Association

Department of Entomology

Rajasthan College of Agriculture

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Udaipur, Rajasthan - 313 001



Online Link: <https://era2025.eventsdashboard.in/>

Preface

With crop diversification, changes in global climatic conditions and introduction of biotechnology in agriculture the scenario of pests: insects, diseases, weeds and nematodes is changing frequently. These factors have led to many erratic biotic changes in agro-horti ecosystem leading to conversion of minor to major pests, while major ones developing polyphagy. Excessive use of pesticides to combat these problems have adverse effects on natural enemies disturbing the natural ecological balances and also causing resurgence of potential pests due to chemical resistance and decreased biotic pressure. Sporadic pests appear in epidemic forms and host crossovers have also been recorded that are recognized globally. Pest infestation scenario is changing due to impact of emerging crop pests, particularly the introduction of invasive unfamiliar species; therefore, it is pertinent to exchange information on the pest status, qualitative and quantitative losses incurred by them to agri-horticultural crops and other plants of economic importance; however judicious use of agrochemicals is always beneficial. Hence, the conference is being organized to address this problem and to find out eco-safe solutions.

MPUAT, Udaipur

Maharana Pratap University of Agriculture and Technology is situated in Udaipur city of Rajasthan state in India. The Government of Rajasthan founded this university by the bifurcation of Rajasthan Agriculture University, Bikaner on 1 November 1999. Since then, it has been the principal academic institution supporting mainly south and south-eastern parts of Rajasthan, taking the national responsibility of identifying, designing, preparing and adapting new techniques in the field of production technology for agricultural development. Its jurisdiction is spread over 8 districts of Rajasthan: Banswara, Bhilwara, Chittorgarh, Dungarpur, Pratapgarh, Rajsamand, Salumbar and Udaipur.

RCA, Udaipur

The Rajasthan College of Agriculture is a constituent college of MPUAT, Udaipur and is one of the oldest agriculture college of the country. It came into existence in July 1955 as an entity of state government and was affiliated to the University of Rajasthan. It is located in the heart of Udaipur city on Surajpole-Airport Road and spread over an area of 98 ha comprising administrative buildings, various departments and instructional farms. Dr. A. Rathore was founder principal of college. He brought to the college a mental equipment, a degree of erudition and a wealth of experience rarely found anywhere, which have been emulated by its learned faculty and alumni.

Department of Entomology

With the establishment of the College, the Department of Entomology came into existence in 1957. Dr K.S. Kushwaha was transferred from S.K.N. College of Agriculture, Jobner as the first lecturer of Agriculture Zoology and Entomology, in the year 1957. He later became Prof. of Entomology and attained superannuation as first ICAR Prof. of Eminence in the year 1984. He was President of Entomological Society of India for more than 15 years. Late Dr B.K. Srivastava

joined as Professor and Head of the Department of Entomology in the year 1959 and later left to join as State Entomologist in year 1960. In the year 1964, Dr. B.K. Shrivastava became first Director of Research of this University.

Entomological Research Association (ERA)

The Entomological Research Association was established in the year 1985 (Registration No.5/87-88) with its headquarters in the Department of Entomology, Rajasthan College of Agriculture (MPUAT), Udaipur with official publication of the Association “INDIAN JOURNAL OF APPLIED ENTOMOLOGY”. It started in the year 1987, initially in the form of annual publication and later on converted into biannual publications. The Association started organizing National Conference in the year 2001 and also awarding annually Prof. R.P. Srivastava Memorial Lecture and award to eminent scientists of the country; So far 17 such awards have been given. The Association started getting financial aid from the ICAR in the year 2001 and the Journal also got accreditation from the National Academy of Agricultural Sciences, New Delhi till 2013. At present there are more than 500 life members from all over country.

Aim of the Conference

This national conference focuses on bringing scientist and researchers working in the field of plant protection from leading academic institutes and research organizations to exchange and share their research experiences in the major theme areas, to encourage students and young scientists besides providing a platform to interact with eminent scientists.

Objectives

- To cover biodiversity, trophic level interactions and population dynamics, natural and applied/ bio-control, behavioral and chemical ecology interface, crop and habitat associations, agro-tech practices like push-pull approaches besides beneficial and commercial organisms.
- To provide an interdisciplinary forum for researchers, academicians, industrialists and other relevant stakeholders to present and discuss more recent plant protection innovations, trends, and challenges encountered and potential future R&D thrusts towards filling in critical knowledge gaps.

Thematic Areas

- **Theme-1:** Biosystematics, re-emerging and invasive organisms.
- **Theme-2:** Impact of climate change and emerging trends in pests.
- **Theme-3:** Bio-intensive and IPM approaches for sustainable plant protection.
- **Theme-4:** Bio ecology of pests and estimation of losses caused by them.
- **Theme-5:** Newer molecules, formulations and biotechnological discoveries in pest and disease managements.
- **Theme-6:** IOT and bioinformatics approaches in insects, diseases and weed management.
- **Theme-7:** Entrepreneurship and policy regulations in plant protection.

Accommodation

Limited accommodation is available on prior request at the university campus on payment basis. Outside accommodation will be booked by the delegates from the list of hotels earmarked on advance payment for booking rooms.

Key Dates

- Registration commences : 01 May, 2025
- Last date of abstract submission : 31 July, 2025
- Last date of registration : 15 August, 2025
- Manuscript submission : 30 August, 2025
(Registration form, abstracts and full length manuscripts)

Registration Fee

Participant Category	Early Bird (June, 2025)	Regular (June, 2025 onwards)
Life Member of ERA	Rs. 8,000/-	Rs. 9,000/-
Non-Life Member of ERA	Rs. 9,000/- (Rs. 9,500/-)*	Rs. 10,000/- (10,500/-)*
Students/Research Scholar	Rs. 3,000/- (Rs. 3,500/-)*	Rs. 4,000/- (4,500/-)*
Accompanying Person	Rs. 4,000/-	Rs. 5,000/-
Industry Representative	Rs. 10,000/-	Rs. 12,000/-

*with ERA annual membership

Spot registration will be available with registration fees of Rs. 12,000/-

Abstracts for Oral and Poster Presentations

- Eligible candidates may submit the abstract of their paper, mention key words along with corresponding author email
- Title, author/s (not more than 3), along with affiliation and email address
- Abstract not exceeding a page, along with filled in application and registration fee details
- No hard copy is required

Oral Presentations

Oral presentation limited to 30 for Young Scientists and Research Scholars and 30 for Senior Scientists. Each presenter will be given 7 minutes for oral presentation and 3 minutes for discussion. The presenter is expected to bring his/her presentation on a USB memory stick in recommended format (PPT) and upload in the session room computer prior 15 minutes of his/her session starts. Selection based on first-come-first-serve basis.

Poster Presentations

We also invite abstracts for poster presentation. The posters will be displayed digitally on screen. During the poster session, a committee appointed by the organizers will judge all posters.

Entomological Research Association: Excellence Awards-2025

Outstanding Achievement in the Field of Entomology:

- Lifetime Achievement Award
- Best M.Sc. Thesis Award from participants
- Outstanding Ph.D. Thesis Award from participants
- Best Academician Award
- Researcher of the Year Award
- Young Researcher Award (Age below 40 years)
- Young Scientist Award (In-service)
- Scientist of the Year Award (In-service)
- Eminent Scientist Award (Age above 40 years)
- Young Women Scientist Award
- Best KVK Scientist Award – Plant Protection

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