## Background :

Termites achieve critical ecosystem functions, such as decomposing plant material, providing bioturbation of soils, and influencing water infiltration in soils of tropical and subtropical terrestrial ecosystems, where they are amongst the most abundant animals. Although beneficial nature of termites is well elucidated, many species of termites are serious pests of crops at various stages. Termites are well-known as major pests of wood in service, such as in urban dwellings, buildings and constructions, utility poles, fencing, forest plants and any other cellulose rich material such as books and clothing. Considering the importance of research on termites, ICAR- All India network Project on Soil Arthropod Centre (ICAR-AINP-SAP) was established at Shivamogga in the year 2024. This training involves lectures and hand-on- experience on field survey, collection techniques of termites associated with agriculture and urban ecosystem and identification using morphological and molecular taxonomy. The training programme aims to build human resources to research on termites.

## Objectives :

- To impart training on field collection techniques of termites associated with agriculture and urban ecosystem
- Hands on training on morphological and molecular identification of termites
- Lectures on termite taxonomy, ecology and management

* **Number of Participants:** 15
* **Duration :** 7 days (14 to 21st July, 2025)
* **Eligibility :** Staff working in ICAR- AINP on Soil Arthropod Pests (AINP-SAP ) and any other scholars/students who are interested in termite taxonomy.
* **Venue :** Department of Entomology, College of Agriculture, Navile, Shivamogga - 577 204, Karnataka.
* **No registration fee:** Boarding and lodging facility will be provided at campus. No TA/DA will be provided to the selected candidates.
* **Last date of receipt of the application :** 18th June, 2025
* **Intimation to selected candidates :** 20th June, 2025
* **Participation confirmation by the selected candidates 25th June, 2025**

Organized by
**Department of Entomology,**
**College of Agriculture, Shivamogga**
**ICAR- All India Network Network Project on Soil Arthropod Pests**
**(ICAR-AINP-SAP)**

Design & Printed
Milana, 9164869278

# Keladi Shivappa Nayaka University of Agricultural and Horticultural Sciences, Iruvakki, Shivamogga

## ICAR-AINP on Soil Arthropod Pests
## RARI, Durgapura, Rajasthan

# Capacity Building Programme on Taxonomy of Termites

**14 to 21 July, 2025**

Organized by
**Department of Entomology,**
**College of Agriculture, Shivamogga**
**ICAR- All India Network Network Project on Soil Arthropod Pests**
**(ICAR-AINP-SAP)**

## Patrons :

**Dr. R. C. Jagadeesha**, Hon'ble Vice Chancellor, KSNUAHS, Shivamogga

**Dr. Poonam Jasrotia,** ADG (PP), ICAR, New Delhi

**Dr. C. A. Viraktamath,** Dept of Entomology, UAS, Bengaluru

**Dr. N. K. Krishna Kumar**, Chairman, QRT, ICAR-AINP-SAP

**Dr. B. Hemla Naik**, Director of Education, KSNUAHS, Shivamogga

**Dr. B. M. Dushyanthakumar**, Director of Research, KSNUAHS, Shivamogga

**Dr. D Thippesha**, Dean (Agri.), CoA, KSNUAHS, Shivamogga

**Dr. B. L. Jakhar**, Network Co-ordinator, ICAR-AINP –SAP, RARI, Durgapura

**Convenors :** **Dr. Mukesh Nithrawal,** ICAR-AINP –SAP, RARI, Durgapura

**Dr. Anita Jat,** ICAR-AINP –SAP, RARI, Durgapura

**Dr. B. C. Hanumanthaswamy,** KSNUAHS, Shivamogga

**Dr. Sharanabasappa S Deshmukh,** KSNUAHS, Shivamogga

**Course Director :** **C. M. Kalleshwara swamy**
Professor, Department of Entomology
College of Agriculture
Navile, Shivamogga- 577 204

## Instructors :

Jan Sabotnik (online), Prague, Czech Republic
Jouquet Pascal (Online), IRD and Institute of Technology, Cambodia
R Asokan, ICAR- IIHR, Bengaluru
CM Kalleshwara swamy, KSNUAHS, Shivamogga
K Rajamohana, ZSI, Kolkata
Kaomud Tyagi, ZSI, Kolkata
HM Yeshwanth, Researcher, Bengaluru
Byrappa Ammagarahalli, Gaiagen Technologies, Bengaluru
Vidyashree AS, KSNUAHS, Shivamogga
KJ Meghana, KSNUAHS, Shivamogga
CM Karthik, NBAIR, Bengaluru
M Ranjith, DPPQS, Mumbai
B Santhrupti, UAS, Bengaluru
Manoj Kumar HS, KSNUAHS, Shivamogga

**Proforma of the application:**

# Capacity Building Programme on Taxonomy of Termites

(under ICAR-AINP on Soil Arthropod Pests)
Department of Entomology, College of Agriculture, Navile, Shivamogga- 577 204

1. Full name (in block letters) : .....
2. Designation : .....
3. Gender : .....
4. Contact details of the applicant : .....
   Mobile Number : ..... E-mail ID : .....
5. Present area of research : .....
6. How the training will be useful : .....

.....

**Declaration :**
I hereby declare that the information provided above is true to best of my knowledge.

Date: Signature of the Candidate
Place :

**Recommendation from the Network co-ordinator/ PI (ICAR-AINP -SAP)/Head of the Department/Organization/ Institution**

Signature of the forwarding officer

Duly filled application should be sent by email to **kalleshwaraswamycm@uahs.edu.in** by **18th June 2025.** Selected candidates will informed through email. Please note that incomplete applications will not the considered.

## About the Department :

The systematics laboratory of Department of Entomology at College of Agriculture, Shivamogga hosts around 85 species of termites, collected and deposited since 2009 through the competitive research funding from ICAR, DST and MOEF& CC. Two new species of termites, several new records from the country as well as states have been published. Other important contributions includes more than 50 DNA barcodes of termites submitted to NCBI, two Ph.D and four M.Sc students have worked on taxonomy for their thesis.The Department has collaborated with Czech University of Life Science, Prague and Okinawa Institute of Science and Technology, Japan for advanced research on termites.