



**University of Agricultural Sciences,
GKVK, Bengaluru**

**DST- Science & Engineering Research Board's (SERB), GOI,
scheme on 'Accelerate Vigyan' sponsored**

**A National Workshop/Karyashala
on**

**'Capacity building in Dipteran Bio-Systematics: Taxonomic and ecological diversity,
conservation of Diptera'**

01st to 10th December, 2022 (10 days)



Organizers

**ICAR-AICRP on Small Millets
Directorate of Research
&
Department of Entomology
UAS, GKVK, Bengaluru-65**

About the workshop

The Department of Science & Technology, Government of India under the Science & Engineering Research Board's (SERB) scheme on 'Accelerate Vigyan' has sponsored to organize a workshop on '**Capacity building in Dipteran Bio-Systematics: Taxonomic and ecological diversity, conservation of Diptera**'. The proposed workshop is meant for young researchers at Masters and Doctoral level pursuing or interested in pursuing a career in Diptera research and accordingly selection will be on a competitive basis, and as per the terms and conditions given by the SERB Accelerate Vigyan for conducting the 'Karyashala' covering complete travel expenses and boarding & lodging.

The order Diptera constitutes 14 per cent of all insects in the world with 1,52,000 described species. Dipterans are ecologically diverse, highly speciose and anatomically varied. India is home to a wide diversity of dipterans, with over 87 families (Alfred *et al.* 1998) of the estimated 188 families (Brake, 2017). In India, presently there are 6337 species of true flies belonging to 1180 genera, including 110 endemic genera and 2183 endemic species. More emphasis is needed for taxonomic studies on Diptera in India since often it is difficult to identify even commonly occurring species accurately. However, extensive revisions of the group have been attempted elsewhere in the world, using genitalic and morphological characters. Thus, there is a need to train dedicated students at the earliest. It is envisaged that this workshop would pave way for better understanding of the group and the knowledge gained during the training would help build a base for taking up taxonomy of different families of the order Diptera. Hence, the workshop / ***Kaaryashala*** is structured to understand the basic tools for understanding the importance of diversity, conservation and studying the taxonomy of Diptera.

The National workshop offers hands-on training on various aspects including collection, processing and curation of Diptera; identification of economically important species; species level identification from Agromyzidae, Tephritidae, Syrphidae, Cecidomyiidae, Bombyliidae, Tachinidae, Asilidae Sarcophagidae, Calliphoridae, Culicidae, and Muscidae (Atherigoninae); Preparation and use of dichotomous keys, in addition to basics of taxonomy, classification, nomenclature, species concept and ecology; slide preparation, identification of immature stages up to family level; molecular taxonomy and DNA barcoding of Diptera. The schedule is prepared with emphasis on hands-on experience. According to the schedule, most of the time is dedicated to exercises on the above topics while, group work will ensure and motivate interaction between trainees and trainers with lively discussions.

Workshop

Workshop covers travel expenses, lodging and boarding and other logistics for the course.

Workshop dates

01st to 10th December, 2022 (10 days)

Last date to apply

Apply on or before 8th November, 2022

The number of participants is limited to 25 persons

Eligibility: Post graduate students (M.Sc. or PhD) and young scientists (Assistant Professor cadre) who are interested in ecology, biodiversity and taxonomic studies of Diptera with an intention to apply this interest to pursue their future research in this field. The trainee should have a Master's degree in Entomology/ Zoology and should be involved or interested in identification of Diptera or should be an M.Sc. or Ph.D. student working on Diptera in any research/academic institution/ organization. The applicant should be preferably below 35 years of age.

All applicants will be informed about the status of their application by 10th November, 2022 by mail.

APPLICATION

Send your applications by email only to **dipterakaryashala@gmail.com**

Application should be made in the prescribed attached format neatly typed in A4 paper. The following items should be included with the application.

1. A passport size photograph should be pasted in the provided space.
2. **A brief statement of purpose: (one page)** In not more than 100 words indicating your reasons for seeking this training, its importance to your career and the way in which you intend to apply your training upon its completion.
3. **A letter of recommendation** from academic faculty or employer addressed to- The Co-ordinator and organizer, UAS, Bangalore.
4. **The applicants have to produce a letter of authentication from their Supervisor/** Head of the department/Head of the Institute indicating their association with the institute and **“No Objection Certificate (NOC)”** for allowing the applicant to undergo training in the workshop, if selected.
5. **Complete Biodata in the prescribed format.** Incomplete application, not in the prescribed format and application received after the due date will be rejected. No correspondence/enquiries shall be entertained regarding the same.

Scanned copies of Proof of Age, Educational Qualifications and Research Experience, if any is mandatory.

(In case of any query, please contact the Event Organiser and Co-ordinator, Dr. Prabhu C Ganiger, Associate Professor, Mob. 9481101330, Email: prabhuganiger@gmail.com).

All rights are reserved with the UAS, Bangalore and decision regarding selection of the candidate including cancellation of the event in case of untoward situation shall be final and binding.

Co-ordinator and Organizer

Dr. Prabhu C Ganiger,
Associate Professor
Department of Entomology,
ICAR-AICRP on Small Millets,
PC Unit, University of Agricultural Sciences,
GKVK, Bengaluru-560065
Mob: 9481101330
Email: **dipterakaryashala@gmail.com**

Associate co-ordinators

Dr. M. Thippaiah, Professor and Head
Dr. Jemla Naik, Professor and PG co-ordinator
Dr. Shivanna B., Professor
Dr. Muralimohan M., Professor



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Format for the Application:

1. Name
2. Date of Birth
3. Age
4. Sex
5. Present Occupation

Name and address of the employer, if employed:

Date of joining:

6. Nationality
7. Permanent Address
8. Address for Correspondence (if different from above)

Email

Contact No

9. Educational Record: (Starting from graduation):

Name of the Institution/University	Course	Years of study From to		Subjects	Marks/grades

10. Awards/other distinctions if any

Recent Passport Size Photograph

11. Research Experience, if any

Name of the Institution	Research Topic	Period of work (from –to)	Designation

12. List of Publications

13. Any three best publications of yours (Give details)

Author name	Year	Title/topic	Journal/book	Vol. and Page no

14. Any other relevant information

15. In not more than 100 words indicate your reasons for seeking this training, its importance to your career and the way in which you intend to apply your training upon its completion.

16. Declaration:

I declare that the facts stated in this application and the accompanying information are true and correct to the best of my knowledge.

Name

Signature

Date

Important: Application form should be complete in all respects. Scanned copies of the documents listed below should accompany the application form. Apply through email only.

- 1. Attested copy of Birth Certificate/Age proof**
- 2. Attested copies of Academic, Professional and Technical Certificates (mark lists not needed)**
- 3. Experience certificate (if applicable)**