

- Teaching: PhD and MSc students guided**

- Thesis submitted and degree awarded for the following IGKV Raipur students where the research was fully undertaken at NBAIR under the guidance of Dr Ankita Gupta**

- PhD**

- Dr Rajesh Kumar Ekka- Co-Major Guide/Co-Chairman for PhD thesis

- MSc (Ag)**

- Ms Kriti Aparna Minz MSc (Ag) as Co-Chairman/Co-Major Guide for MSc (Ag)

- Ms Alisha Sheikh MSc (Ag) as Co-Chairman/Co-Major Guide for MSc (Ag)

- Ms Kenny Sora- MSc (Ag) as Co-Chairman/Co-Major Guide for MSc (Ag)

- Jain University**

- PhD Thesis submitted and Viva-voice completed on 3rd November 2021:** Mr Sandesh Gawas (CSIR Fellow), Jain University, B'lore - Main Guide for PhD thesis.

S. No 12 Proof of guiding two students for PhD

INDIRA GANDHI KRISHI VISHWAVIDYALAYA, RAIPUR (C.G.)
DIRECTORATE OF INSTRUCTION/CONTROLLER OF EXAMINATION

No.: DI/51/2018/ Dated: / /2018

ORDER

As per the MOU between Indira Gandhi Krishi Vishwavidyalaya, Raipur and ICAR-National Bureau of Agricultural Insect Resources, Bangalore and on approval of Hon'ble Vice-Chancellor, IGKV, Raipur **Shri Rajesh Kumar Ekka**, Ph.D.(Ag.) student, Department of Entomology, College of Agriculture, Raipur is hereby permitted to carry out his Ph.D. thesis research work at ICAR-NBAIR, Bangalore for **Two Years** w.e.f. July, 2018 to June, 2020 under the guidance of **Dr. S.S. Shaw**, Professor, Department of Entomology, CoA, IGKV, Raipur as **Major Advisor** and **Dr. Ankita Gupta**, Scientist (SS), (Agril. Entomology), Division of Germplasm Collection & Characterization, ICAR-National Bureau of Agricultural Insect Resources, Bangalore as **Co-Major Advisor**.

DIRECTOR INSTRUCTIONS/ CONTROLLER OF EXAMINATION

Endt. No.: DI/51/2018/ 69 Dated: 6/5/2018

Copy to :

- Dean, College of Agriculture, Raipur.
- Registrar/Director Research Services/Comptroller, IGKV, Raipur.
- Director, ICAR-National Bureau of Agricultural Insect Resources, Post Bag No. 2491, H.A. Farm Post, Bellary Road, Hebbal, Bangalore, 560 024.
- Dr. S.S. Shaw, Major Advisor, Professor, Department of Entomology, CoA, IGKV, Raipur.
- Dr. Ankita Gupta, Co-Major Advisor, Scientist (SS), (Agril. Entomology), Division of Germplasm Collection & Characterization, ICAR-National Bureau of Agricultural Insect Resources, Post Bag No. 2491, H.A. Farm Post, Bellary Road, Hebbal, Bangalore 560 024 with the request to submit monthly attendance of the student to HOD (Entomology), CoA, Raipur for release of scholarship
- P.A. to Hon'ble Vice-Chancellor, IGKV, Raipur.
- Professor & Head, Department of Entomology, College of Agriculture, Raipur with the request to follow the P.G./Ph.D. academic regulation as well as the notification by V.V. vide No. न.क. / सं.क. / सं.क. - 90/17/2014/ 8352 dated 28/03/2014 while deputing the student.
- P.G./Ph.D. Cell, O/o DCE, IGKV, Raipur to keep this in the personal file of the student.

Chairman P. S. Chandra
13/4/18
Rande

DIRECTOR INSTRUCTIONS/ CONTROLLER OF EXAMINATION

CERTIFICATE - I

This is to certify that the thesis entitled "**Taxonomic studies and distribution pattern of Eulophidae (Hymenoptera: Chalcidoidea) from the three Agro-Climatic zones of Chhattisgarh**" submitted in partial fulfillment of the requirements for the degree of **Doctor of Philosophy in Entomology** of the Indira Gandhi Krishi Vishwavidyalaya, Raipur (C.G.), is a record of the bonafide research work carried out by **Rajesh Kumar Ekka** under my guidance and supervision. The subject of the thesis has been approved by the Students Advisory Committee and the Director of Instructions.

No part of the thesis has been submitted for any other degree or diploma or has been published / published part has been fully acknowledged all the assistance and help received during the course of the investigation has been duly acknowledged by him.

Date: 24/6/20 Signature of the Chairman

THESIS APPROVED BY THE STUDENT'S ADVISORY COMMITTEE

Chairman	(Dr. S. S. Shaw)	<i>24/6/20</i>
Co - Chairman	(Dr. Ankita Gupta)	<i>24/6/20</i>
Member	(Dr. (Smt.) Sonali Deole)	<i>24/6/20</i>
Member	(Dr. S. B. Verulkar)	<i>24/6/20</i>
Member	(Dr. (Smt.) G. Chandrakar)	<i>24/6/20</i>

DIVERSITY OF WASPS (INSECTA: HYMENOPTERA) OF GOA, INDIA

This submitted in partial fulfillment of the award of the degree of

DOCTOR OF PHILOSOPHY

in

LIFE SCIENCE (ZOOLOGY)

by

GAWAS SANDESH MAHADEV

(USN No.: 162PHDZ001)



DEPARTMENT OF LIFE SCIENCES

JAIN (DEEMED-TO-BE UNIVERSITY)

BENGALURU

2021



Council of Scientific & Industrial Research
Human Resource Development Group

(CSIR Complex, Opp. Institute of Hotel Management, Library Avenue, Pusa, New Delhi-110012)

ACK. No.: 113527/2K18/L
 FILE No.: 09/1109(CSD01)/2019-EMR-I

Dated: 01/04/2019

SANDESH MAHADEV GAWAS
 C/O DR ANKITA GUPTA, ICAR-NATIONAL
 BUREAU OF AGRICULTURAL INSECT
 RESOURCES, BELLARY ROAD, H A FARM
 POST, HEBBAL NA
 BANGALURU-560024

Award Letter

Sir/Madam,

With reference to your application and subsequent interview, I am happy to inform you that you have been selected for the award on the terms and conditions (as mentioned in the Hindi Version). The award will be effective from the date mentioned above or from the date of joining research whichever is later. The duration of CSIR SRF, Senior Research Associate and Research Associate is as mentioned in the Hindi version. This award letter is valid only for the institute as given in the table of Hindi version of the award letter. If any recipient of the fellowship/associateship joins in an institute other than the one given in the Hindi version of the award letter, this award letter will automatically be deemed cancelled.

Any further extension is at the discretion of CSIR, based on a three member Assessment Committee Report & Annual Progress Report. A copy of Terms & Conditions of CSIR Fellowship/ Associateship is available on HRDG website (<http://www.csirhrdg.res.in>). In case, the terms & conditions are acceptable to you, you may join the Fellowship/Associateship within the validity period under intimation to this office.

The Director General, CSIR has also been pleased to sanction the Stipend and Contingency as stated above. In addition to Stipend & Contingency, House Rent Allowance will be payable as per rules of the host institute. In no case, it will exceed the rates payable to Central Govt. employees.

Please note that the validity of the award is for **six months** only from the effective date of award.

The award of CSIR Fellowship / Associateship does not imply any assurance or guarantee to subsequent employment by CSIR.

Yours faithfully,

RK
 SECTION OFFICER
 (011-25842074)

Copy to :-

1. Registrar/Principal/Director, with the request to send the following documents to this office.
 (A) Joining Report in the enclosed prescribed form.
 (B) Undertaking in the enclosed prescribed form.
2. Sr. FAO (SRF). The expenditure will be debitable to the Budget Head P-81-101.
3. Bill File.
4. Office Copy.

- P.T.O. -

* You are kindly advised to visit the HRDG (CSIR) website (www.csirhrdg.res.in) for rules/regulations governing the CSIR Fellowship/associateship. You are also advised to submit Annual Progress Report alongwith other requisite documents well within six months after completion of yearly tenure may result in termination of fellowship/associateship.

S. No 12 Proof of three MSc students thesis awarded

CERTIFICATE - I

This is to certify that the thesis entitled "Studies on faunal diversity and distribution of bees from different agroclimatic zones of Chhattisgarh" submitted in partial fulfillment of the requirements for the degree of "Master of Science in Agriculture" of the Indira Gandhi Krishi Vishwavidyalaya, Raipur, is a record of the bonafide research work carried out by Kriti Arpana Minz under my/our guidance and supervision. The subject of the thesis has been approved by the Student's Advisory Committee and the Director of Instructions.

No part of the thesis has been submitted for any other degree or diploma or has been published / published part has been fully acknowledged. All the assistance and help received during the course of the investigations have been duly acknowledged by her.

[Signature]
Chairman

Co-chairman
Date: 07/07/2020

THESES APPROVED BY THE STUDENT'S ADVISORY COMMITTEE

Chairman	(Dr. S. S. Shaw)	<i>[Signature]</i>
Co-Chairman	(Dr. Ankita Gupta)	<i>[Signature]</i>
Member	(Dr. Smt. Sonali Deole)	<i>[Signature]</i>
Member	(Dr. S. B. Verulkar)	<i>[Signature]</i>
Member	(Dr. R. R. Saxena)	<i>[Signature]</i>

CERTIFICATE - I

This is to certify that the thesis entitled "Studies on diversity of chalcids from natural and agro ecosystem of Chhattisgarh" submitted in partial fulfillment of the requirements for the degree of Master of Science in Agriculture of the Indira Gandhi Krishi Vishwavidyalaya, Raipur, is a record of the bonafide research work carried out by Shekh Alisha under my/our guidance and supervision. The subject of the thesis has been approved by the Student's Advisory Committee and the Director of Instructions.

No part of the thesis has been submitted for any other degree or diploma or has been published/published part has been fully acknowledged. All the assistance and help received during the course of the investigations have been duly acknowledged by her.

[Signature]
Chairman

Co-Chairman
Date: 13/07/2020

THESES APPROVED BY THE STUDENT'S ADVISORY COMMITTEE

Chairman	(Dr. D. K. Rana)	<i>[Signature]</i>
Co-Chairman	(Dr. Ankita Gupta)	<i>[Signature]</i>
Member	(Dr. S.S. Shaw)	<i>[Signature]</i>
Member	(Dr. S.B. Verulkar)	<i>[Signature]</i>
Member	(Dr. Ravi R. Saxena)	<i>[Signature]</i>

CERTIFICATE - I

This is to certify that the thesis entitled "Diversity studies on wasps from Arunachal Pradesh" submitted in partial fulfillment of the degree of Master of Science in Agriculture of the Indira Gandhi Krishi Vishwavidyalaya, Raipur, is a record of the bonafide research work carried out by Kenny Sora, under our guidance and supervision. The subject of the thesis has been approved by the Student's Advisory Committee and the Director of Instructions.

No part of the thesis has been submitted for any other degree or diploma or certificate course. All the assistance and help received during the course of the investigations have been duly acknowledged.

[Signature]
Chairman

Co-Chairman
Date:

THESES APPROVED BY THE STUDENT'S ADVISORY COMMITTEE

Chairman	Dr. S. S. Shaw	<i>[Signature]</i>
Co-Chairman	Dr. Ankita Gupta	<i>[Signature]</i>
Member	Dr. Sonali Deole	<i>[Signature]</i>
Member	Dr. Gritish Chandel	<i>[Signature]</i>
Member	Dr. R. R. Saxena	<i>[Signature]</i>



DEPARTMENT OF ENTOMOLOGY
COLLEGE OF AGRICULTURE
INDIRA GANDHI KRISHI VISHWAVIDYALAYA
इंदिरा गांधी कृषि विश्वविद्यालय
Krishak Nagar, Raipur, 492012 (C.G.)

डॉ. एस.एस. शॉ
प्रधान,
पूर्व निदेशक शिक्षण, संयोजक अनुसंधान,
अतिरिक्त एवं अतिथितता प्राध्यापक
Dr. S.S. Shaw
Professor,
Former Director Instructions,
Director Research, D.S.W. & Dean

Phone : (0) 91-771-482809
email : anshu.ign@rediffmail.com
anishu23@gmail.com
Mob. : 984255-16445

To,
The Director
ICAR-National Bureau of Agricultural Insect Resources,
Bellary Road, Bengaluru- 560024

Sub:- Request to accord permission to PG student for PG thesis research work.

Ref:- MoU between IGKV and ICAR-NBAIR, Bengaluru.

Sir/Madam,

With reference to above subject it is to state that two PG students of department of Entomology, College of Agriculture, IGKV, Raipur Ms. Kriti Arpana Minz and Ms. SHEKH ALISHA wish to conduct her PG research programme at your esteemed Institute under the guidance of Dr. Ankita Gupta, Sr. Scientist as co-major advisor. In this context it is requested to accord permission to the students to conduct PG thesis research programme w.e.f. June/July 2019 to May/June 2020 as per the MoU under reference.

Hoping to be favoured and thanking you in anticipation.

Yours sincerely
[Signature]
(Dr. S.S. Shaw)
Professor (Entomology)



DEPARTMENT OF ENTOMOLOGY
COLLEGE OF AGRICULTURE
INDIRA GANDHI KRISHI VISHWAVIDYALAYA
इंदिरा गांधी कृषि विश्वविद्यालय
Krishak Nagar, Raipur, 492012 (C.G.)

डॉ. एस.एस. शॉ
प्रधान,
पूर्व निदेशक शिक्षण, संयोजक अनुसंधान,
अतिरिक्त एवं अतिथितता प्राध्यापक
Dr. S.S. Shaw
Professor,
Former Director Instructions,
Director Research, D.S.W. & Dean

Phone : (0) 91-771-482809
email : anshu.ign@rediffmail.com
anishu23@gmail.com
Mob. : 984255-16445

केंद्र शास्त्र विभाग
डॉ. क. व. वि. रायपुर
शोध सहायक
दिनांक 24/07/2020

To,
The Director
National Bureau of Agricultural Important Insects Resources,
P.B. No. 2491 H.A. Farm, Post Hebbal,
Bellary Road, Bengaluru-560024 (Karnataka)

Sub:- Request to accommodate PG student Ku. Kenny Sora, ICAR candidate for her PG thesis work-reg.

R/Madam,

I the undersigned mould like to depute one of my PG students Ku. Kenny Sora to your institute to undertake her PG thesis work as per the MOU between your institute and IGKV. In this context request has been made to Dr. Ankita Gupta, Scientist (SS) to guide the student as co-major advisor and assign the research problem by accommodating her in ongoing research programme. I therefore request you to accord permission to Ku. Kenny Sora to work in your institute. She will be relieved from here on receipt of your kind permission.

With regards,

Yours sincerely
[Signature]
(S. S. Shaw)
Professor (Entomology)

Copy to :-

- Dr. (Smt.) Ankita Gupta, Principal Scientist, ICAR- National Bureau of Agricultural Important Insects Resources, P.B. No. 2491 H.A. Farm, Post Hebbal, Bellary Road, Bengaluru-560024 (Karnataka) Email: ankitagupta.nba@gmail.com for information & with the request to act as co-major advisory at PG student.

•Teaching aids/training manuals developed

S. No	Name of the training program/Course	Name of the training manual
1.	As Course Director organized 21 days ICAR approved and sponsored training programme on “Biodiversity, Biosystematics & Biocontrol” (21 st January to 10 th February, 2013) at NBAII, Bangalore.	Ankita Gupta, CR Ballal, M. Pratheepa & G. Siva Kumar (Eds). 2013. Training Manual on “Biodiversity, Biosystematics & Biocontrol” (21 st January to 10 th February, 2013). 457 pp.
2	Course Director for the HRD training for the Capacity Building Programme on "Identification, mass production and utilization of parasitoids, predators and entomopathogens for sustainable insect pest management" held during 4-10th December, 2017 at ICAR- NBAIR.	Varshney R., Ankita Gupta & J. Patil (Eds.) 2017. Training manual on Identification, mass production and utilization of parasitoids, predators and entomopathogens for sustainable insect pest management, 4-10 th December 2017, 126 pp.
3	Course Director for HRD activity “Training on identification of linseed midges and its parasitoids” to Dr. K. V. Biradar, PDKV for five days wef 16-21 September 2021.	David K. J. and Ankita Gupta 2021. Identification of Cecidomyiidae and its parasitoids. 34 pp.

S. No 12 Proof of Involvement in Teaching Activities

A. Proof of teaching aids/training manuals developed



ICAR-NATIONAL BUREAU OF AGRICULTURAL INSECT RESOURCES

भाकृअनुप - राष्ट्रीय कृषि कीट संसाधन ब्यूरो

P. B. NO. 2491 ♦ H. A. FARM POST ♦ BELLARY ROAD ♦ HEBBAL
BENGALURU 560 024 ♦ KARNATAKA ♦ INDIA



Dr. M. Mohan

IN-CHARGE

Prioritization Monitoring & Evaluation Cell

F. No. NBAIR/PME-31(B) /2021

Date: October 26, 2021

To Whomsoever it may concern

This is to certify that **Dr. Ankita Gupta, Senior Scientist, ICAR-NBAIR** has developed training aids as training manuals for the following training programs wherein she was the Course Director/Resource person.

S. No	Name of the training program	Name of the training manual
1.	Course Director and Organized 21 days ICAR approved and sponsored training programme on "Biodiversity, Biosystematics & Biocontrol" (21 st January to 10 th February, 2013) in NBAIR, Bangalore.	Ankita Gupta, CR Ballal, M. Pratheepa & G. Siva Kumar (Eds). 2013. Training Manual on "Biodiversity, Biosystematics & Biocontrol" (21 st January to 10 th February, 2013). 457 pp.
2.	Course Director for the HRD activity for the Capacity Building Programme on "Identification, mass production and utilization of parasitoids, predators and entomopathogens for sustainable insect pest management" held during 4-10th December, 2017 at ICAR- NBAIR.	Varshney R., Ankita Gupta & J. Patil (Eds.) 2017. Training manual on "Identification, mass production and utilization of parasitoids, predators and entomopathogens for sustainable insect pest management", 4-10 th December 2017, 126 pp.
3.	Course Director of ICAR-NBAIR HRD activity: Training on identification of linseed midges and its parasitoids to Dr. K. V. Biradar, PDKV for five days i.e 16-21 September 2021.	David K. J. and Ankita Gupta 2021. Identification of Cecidomyiidae and its parasitoids. 34 pp.

Yours Faithfully

For the purpose
of applying for
Senior Entomologist
Award-2021

[Signature]
26/10/21
In-Charge, PME Cell

In-Charge PME Cell
ICAR-National Bureau of Agricultural
Insect Resources

PB.No. 2491, H.A. Farm Post, Bellary Road,

Hebbal, Bengaluru-560 024.

Phone: +91 (080) 23511981/23511982/23511998 (Ext. 370/349): Fax: +91 (080) 23411961

www.nbair.res.in; E-mail: pme.nbair@gmail.com

S. No 12 Proof of Training and training manual -I

भारतीय कृषि अनुसंधान परिषद
INDIAN COUNCIL OF AGRICULTURAL RESEARCH
कृषि भवन, डॉ० राजेन्द्र प्रसाद मार्ग, नई दिल्ली-110 001
Krishi Bhawan, Dr. Rajendra Prasad Road
New Delhi 110 001

PMI/ Dr C.R. Ballal/ For Ankita

13/11/12

F. No. 15-6/2012 IA-III

Dated the 2nd November, 2012

To

The Director,
National Bureau of Agriculturally Important Insects,
P.B. No. 2491, H.A. Farm Post,
Bellary Road, Hebbal,
Bangalore- 560 024

Subject: Seeking approval for holding 21 day training programme at NBAIL, Bangalore -reg.

Sir,

Please refer to letter No. NBAIL/12-4(a)/2012/8710 dated 9.10.2012 on the subject cited above. The matter has been examined in the Council and I am directed to convey the administrative approval of the DDG(CS) for holding the structured 21 day training programme on "Bio-diversity, bio-systematic and bio-control" at NBAIL, Bangalore from 21st January, 2013 to 10th February, 2013.

Yours faithfully,

(Girish Bhatt)
Under Secretary (CS)



Training Manual on

"Biodiversity, Biosystematics & Biocontrol"

(21st January to 10th February, 2013)

National Bureau of Agriculturally Important Insects
(ICAR), Bangalore, India
(ICAR sponsored)

Compiled & Edited by

**Ankita Gupta, Chandish R. Ballal,
M. Pratheepa & G. Sivakumar**



National Bureau of Agriculturally Important Insects

ICAR Training Programme on

Biodiversity, Biosystematics & Biocontrol

21st January - 10th February 2013



Course Directors : Dr. (Ms). Chandish R. Ballal & Dr. (Ms). Ankita Gupta
Course Co-ordinators : Dr. (Ms). M. Pratheepa & Dr. G. Sivakumar

Course Directors:

Dr. (Ms) Chandish R. Ballal
(Principal Scientist)

Dr. (Ms) Ankita Gupta
(Scientist)

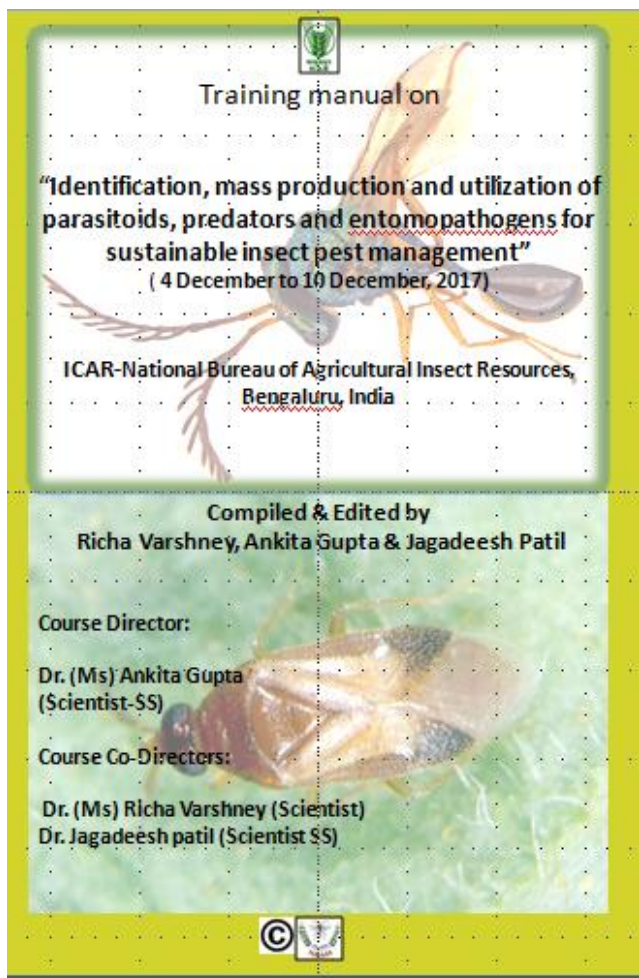
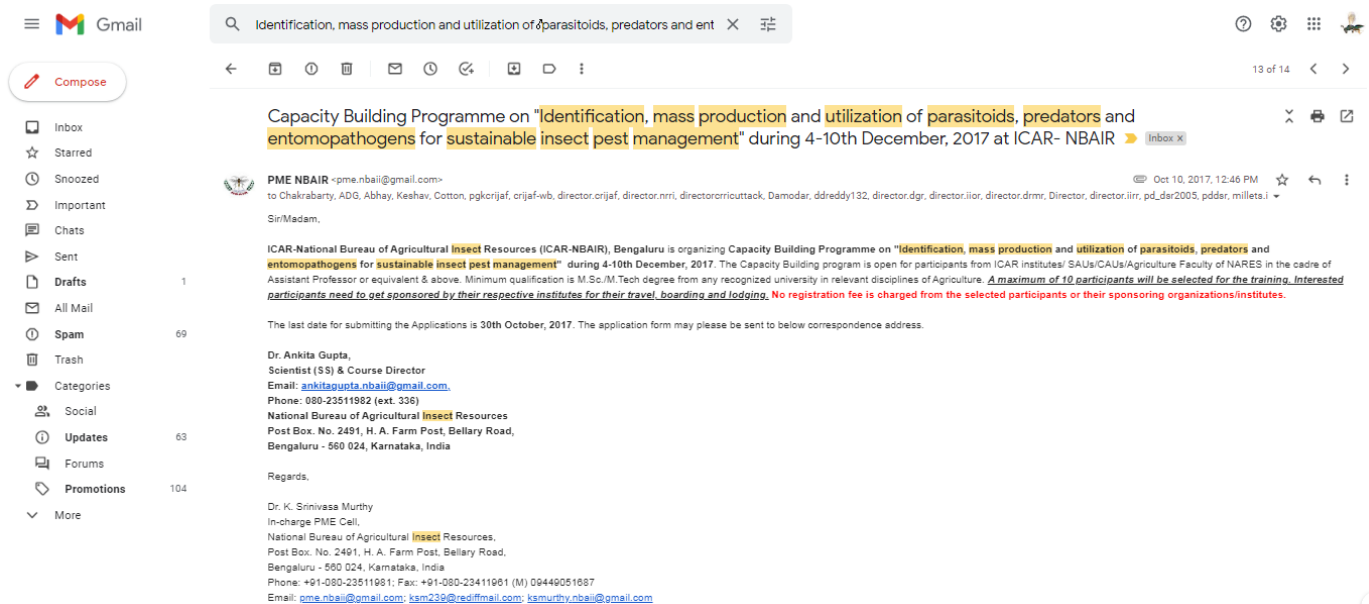
Course Co-Directors:

Dr. (Ms) M. Pratheepa (Scientist-SS)

Dr. G. Sivakumar (Senior Scientist)



Proof of Training and training manual -II



ICAR-NBAIR sponsored HRD Capacity Building Program on "Identification, mass production and utilization of parasitoids, predators and entomopathogens for sustainable insect pest management" 4-10th December, 2017

S. No 12 Proof of Training manual -III

In house training on identification of linseed midges and its parasitoids at NBAIR from 16-21 September 2021 reg

✖ DELETE ⬅ REPLY ⬅ REPLY ALL ➡ FORW



HRD Cell, NBAIR, Bengaluru

Tue 9/7/2021 2:47 PM

To: vkbiradar@gmail.com; Dr Sunil Joshi; Dr Ankita Gupta; David K J;

Cc: Director NBAIR; Dr Rangeshwaran R; PME, NBAIR, Bengaluru;

To
Drs. Sunil Joshi, Ankita Gupta, KJ David / Dr. Biradar

Sir,

Greetings!

This is to inform you that, the competent authority has agreed to provide in house training on identification of linseed midges and its parasitoids to Dr. K. V. Biradar, PDKV for five days only ie 16-21 September 2021.

The tentative programme schedule as follows,

Date (s)	Title	Scientist identified	Venue
16 September 2021 FN	Briefing GCC activities	Dr Joshi	NBAIR, Hebbal
16-18 September 2021	Identification of linseed midges	Dr KJ David	NBAIR Farm, Attur
19 September 2021	Holiday		
20-21 September 2021	Identification of linseed midge parasitoids	Dr Ankita Gupta	NBAIR, Hebbal

Dr Biradar is advised to bring ample insect specimens to make use of the in-house training.

As informed vide F.NO. 12-4/2021-22 dated 7.8.21

For private circulation only



Identification of Cecidomyiidae and its parasitoids

Training Manual



Prepared by
Dr. K.J. David & Dr. Ankita Gupta

Division of Germplasm Collection and Characterisation
ICAR-National Bureau of Agricultural Insect Resources, Bangalore

September 2021

