

J. KOMAL

DOB: 3rd April, 1998

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ACADEMIC QUALIFICATION

DEGREE	BOARD/UNIVERSITY	INSTITUTION/ SCHOOL	YEAR OF PASSING	PERCENTAGE/ GRADE
M.Sc. (Agricultural Entomology)	Indian Council Of Agricultural Research	Indian Agricultural Research Institute, New Delhi	2021	8.6 with Distinction
B.Sc. (Agriculture)	Professor Jayashankar Telangana State Agricultural University	Agricultural College, Aswaraopeta	2019	8.92 with Distinction
Intermediate/ 10+2	Board of Intermediate Education, Telangana	Sri Chaitanya Jr. College, Hyderabad	2015	96.9
High School/ 10 th	Central Board of Secondary Education, Hyderabad	Vasavi Public School, Hyderabad	2013	7.8

RESEARCH EXPERIENCE:

MSc (2019-2021):

- **Advisor:** Dr. P. R. Shashank, Scientist and Taxonomy specialist, ICAR-IARI, New Delhi
- **Thesis title:** Taxonomic studies on Microlepidoptera of Pusa campus, New Delhi

PhD (2021-2024):

- **Advisor:** Dr. H. R. Desai, Associate Research Scientist, Main Cotton Research Station, Navsari Agricultural University, Surat
- **Thesis title:** Investigations on egg parasitoids, *Trichogrammatoidea bactrae* Nagaraja and *Trichogramma chilonis* Ishii for the management of cotton bollworms

RESEARCH PUBLICATIONS

1. **J. Komal**, Shashank P.R, Sanjay Sondhi, Sohail Madan, Naresh M. Meshram and Anooj S.S. 2021. Moths (Insecta: Lepidoptera) of Delhi, India: An illustrated and annotated checklist based on museum specimens and surveys, Biodiversity Data Journal, 9: 1-73. **NAAS rating: 7.22 (Impact factor: 1.22)**
2. Sagar, D., Shashank, P. R., Isaiyamudhini, T., Sujatha, G. S. and **Komal, J.** 2020. Gynandromorph in fall armyworm, *Spodoptera frugiperda* (Lepidoptera: Noctuidae). Current Science, **119**(12): 1898-1900. **NAAS rating: 6.73**
3. Bhoi, T. K., Samal, I., Majhi, P. K., **Komal, J.**, Mahanta, D. K., Pradhan, A. K. and Ashwini, M. Insight into aphid mediated Potato Virus Y transmission: A molecular to bioinformatics prospective. Frontiers in Microbiology, 4112: 1-19. **NAAS rating:12.06 (Impact factor: 6.06)**
4. Bhoi, T. K., Samal, I., Mahanta, D. K., **Komal, J.**, Jinger, D., Sahoo, M. R. and Singh, S. (2022). Understanding How Silicon Fertilization Impacts Chemical Ecology and Multitrophic Interactions Among Plants, Insects and Beneficial Arthropods. Silicon, 1-21. **NAAS rating: 8.6 (Impact factor: 2.6)**
5. Combatting insects mediated biotic stress (IMBS) through plant associated endophytic entomopathogenic fungi (EPPF) in horticultural crops: Accepted in Frontiers in Plant Science. **NAAS rating:12.60 (Impact factor: 6.60)**
6. Documentation of moth specimens as database in Darwin core format of National Pusa Collection (NPC) including 1529 records from individual specimens preserved since 1907 up to 2020, comprising name of the collector, date of collection, method of collection, associated host plants and sex. The dataset is published in Global Biodiversity Information Facility at GBIF: https://ipt.pensoft.net/resource?moths_of_delhi
7. Published books:
“A BRIEF BOOK ON FIRST IN AGRICULTURE”, Notion Press.
“A COMPLETE GUIDE ON ENTOMOLOGY”, Astral Publication.
“A COMPLETE GUIDE ON BENEFICIAL INSECTS”, Astral Publication.
“TOPIC WISE PLANT PROTECTION OBJECTIVE BOOK”, Notion Press.
“A BRIEF OVERVIEW OF ENTOMOLOGY”, Notion Press.
8. Published 2 abstracts in national conferences.
9. Published 12 popular articles in different reputed magazines.
10. Published 11 book chapters published in different platforms.

ACADEMIC ACCOMPLISHMENTS:

- Secured **gold medal** at **ICAR-IARI** for outstanding academic performance in Master of science.
- Awarded with “**Best Thesis Award**” by the renowned Society of Plant Protection Sciences (SPPS).
- Secured **all India 3rd rank** in Agricultural Entomology and awarded with Junior Research

Fellowship (JRF) by ICAR 2019-2021 which got a media coverage in Eenaadu Telugu newspaper.

- Awarded with **Sri Aallapaati Subbaiah Memorial Medal** for securing highest CGPA in Plant protection subjects which got a media coverage in Andhrajyoti Telugu Newspaper.
- Qualified ICAR-SRF examination and secured **all India 8th rank**.
- Research work was recognized and got media coverage in the leading newspapers, **The Times of India and Indian Express**.
- Qualified **ICAR NET 2021** and **ASRB-ARS prelims**.
- Awarded **best oral presentation** in a national conference conducted by PJTSAU on the topic of Biodiversity of moths of Delhi and submitted abstract.
- Won **2nd prize in Essay competition** on the occasion of Gandhi Jayanthi and awarded by honorable union agricultural minister Sri Narendra Singh Tomar

CO-CURRICULAR ACHIEVEMENTS

- Won prizes at college level in singing and drama
 - Secured 1st prize in mime in cultural fest at ICAR-IARI
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I do hereby declare that all the information given above is true to the best of my knowledge and belief.

- (J. KOMAL)