

Dr. Mohd Talib Khan, PhD

Dept. of Zoology, C.M.Sc. College,

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EDUCATION

- **Ph.D.** (2018), Zoology (Entomology), Department of Zoology, Aligarh Muslim University, Aligarh, India.
- **M.Sc.** (2009), Zoology (Entomology), Department of Zoology, Aligarh Muslim University, Aligarh, India.
- **B.Sc.** (Hons.), (2007), Zoology, Department of Zoology, Aligarh Muslim University, Aligarh, India.

WORK EXPERIENCE

- **Assistant Professor (Guest)**, Department of Zoology, CM. Science College, Lalit Narayan Mithila University (LNMU), Darbhanga, DOJ (July, 2022 to Presently Working).
- **Part-time Teacher**: Department of Zoology, Aligarh Muslim University, Aligarh, One Academic Session (2017-18).
- **Postdoctoral Fellow (PDF)**, College of Agriculture and Biotechnology, Zhejiang University, Hangzhou, Zhejiang Province, China, October, 2019 to September, 2021.
- **Senior Research Fellow**, Indian Council of Agricultural Research (ICAR) funded Network Project on Insect Biosystematics (NPIB), 13.01.2013 to 15.07.2016.

RESEARCH SPECIALIZATION

- Zoology, Entomology, Taxonomy of parasitic Hymenoptera, Biodiversity, Phylogenetic analysis.

EXPERIMENTAL AND OTHER SKILLS

- DNA extraction, PCR, Electrophoresis, Spectrophotometry, Microscopy (Compound and Stereo-microscopy).

RESEARCH EXPERIENCE:

Total Research experience: 10.5 Years

- Eight and half years of research experience on Systematics of Trichogrammatidae (Hymenoptera:Chalcidoidea).
- Two years of research experience on systematics of Alysiinae (Hymenoptera: Ichneumonoidea).
- Six months of project experience during M.Sc.

TECHNICAL SKILLS

- Basic knowledge of computer.
- MS. Office: MS Word; MS Excel; MS Power Point.

- Scanning and editing images using Adobe Photoshop.

OTHER ACHIEVEMENTS

- Publications: *Eighteen Papers Published.*
- Conferences Attended: *Eight*
- Workshops Attended: *Four*
- **Member of advisory committee of ICAPMBEAH-2025 (International Conference on Agroecology and Pest Management: balancing Environment and Human Health), University Dept of Zoology, LNMU, Darbhanga.**
- **Member of Organizing Committee of NCIDS-2013 (National conference on Insect Diversity and Systematics), AMU., Aligarh.**
- **3 Months of training on “Hands on Training in Genomics and Molecular Biology” at Allele Life Sciences, Noida, UP.**

LANGUAGES KNOWN

- English, Urdu, Hindi, Elementary Arabic.

PERSONAL DETAILS

Father's Name: Dr. Mohd Naseem Khan
DOB: 7th July, 1983
Permanent Address: H. No. 15, Jalandhari,
Azamgarh, UP., 276001.

Dr. Mohd Talib Khan

Department of Zoology
CM. Science College, LNMU.,
Darbhanga, India

LIST OF PUBLICATIONS

1. Mohd Jameel, Mohd Ahmar Rauf, **Mohd Talib Khan**, Mohd Kaleemullah Farooqi, Mohd Ashraf Alam, Fouzia Mashkoo, Mohd Shoeb, Changyoon Jeong (2023). Ingestion and effects of green synthesized cadmium sulphide nanoparticle on *Spodoptera litura* as an insecticidal and their antimicrobial and anticancer activities. *Pesticide Biochemistry and Physiology*. 190 (2023)105332.
2. **Mohd Talib Khan**, Shoeba Binte Anis, Nida Zaidi, Mohd Irfan & Safeer Ahmed Manhas (2023). Description of a new species of *Probrachista* (Hymenoptera: Chalcidoidea: Trichogrammatidae) from Ladakh, India. *Zootaxa*, 5249 (5): 585–588.
3. J Poorani, Rthanigairaj and **Mohd Talib Khan** (2022). New host associations and distribution records of natural enemies of banana pests. *Indian Journal of Entomology*, e22199: 1-5.
4. **Khan M.T.**, Farmanur Rahman Khan, Saleh Sulaiman Alhewairini and Xue-Xin Chen (2020): Three new species of Trichogrammatidae (Hymenoptera: Chalcidoidea) from the Kingdom of Saudi Arabia. *IJAB*, 24(5):1084–1088.
5. Mohd. Jameel, Mohd Shoeb, **Khan M.T.**, Rizwan Ullah, Mohammad Mobin, Mohd Kaleemullah Farooqi, and Sayed Mohammed Adnan (2020). Enhanced Insecticidal Activity of Thiamethoxam by Zinc Oxide Nanoparticles: A Novel Nanotechnology Approach for Pest Control. *ACS Omega*, 5 (3): 1607–1615.
6. **Khan M.T.** & Anis S. B. (2018). A *Chaetogramma* Doult (Hymenoptera: Chalcidoidea) from India. *Halters*, 9:163-168.
7. **Khan M.T.**, Syed Kamran Ahmad, Shoeba Binte Anis & Hassan Ali Dawah (2018). A new species of *Xiphogramma* Nowicki (Hymenoptera: Chalcidoidea) from Saudi Arabia. *Zootaxa*, 4410 (2): 393–396.
8. **Khan M.T.** & Anis S. B. (2017a). A new genus of Trichogrammatidae (Hymenoptera:Chalcidoidea) from India. *Zootaxa*, 4344 (1): 165–168.
9. **Khan M.T.** & Anis S. B. (2017b). A new species of *Lathromeris* Foerster (Hymenoptera:Trichogrammatidae) from India. *Journals of Insect Systematics* 4 (1): 6–9.
10. **Khan M.T.** & Anis S. B. (2017c). The genus *Ufens* Girault (Hymenoptera:Trichogrammatidae) with some additional records from India. *Journal of Entomology and Zoology Studies*, 5 (5): 290–293.
11. **Khan M.T.** & Anis S. B. (2016). Description of a new species of *Aphelinoidea* Girault (Hymenoptera:Trichogrammatidae) with some records from India. *Journals of Insect Systematics* 2 (2): 89–96.
12. Begam S., Anis S.B. & **Khan M.T.** (2015). A revision of the Indian species of *oligosita* walker (Hymenoptera:Trichogrammatidae). *Zootaxa*, 3973 (3): 401–424.
13. **Khan M.T.**, Anis S. B., (2015). New Records of Two Species of *Ufens* Girault, (Hymenoptera: Trichogrammatidae) from India. *Prommalia* 3: 67–73.
14. **Khan, M.T.**, Anis S. B. and Hayat M. (2015). A New Genus of *Trichogrammatidae* (Hymenoptera) from India. *Journal of Insect Systematics*, 1 (2): 135–138.
15. Hayat M., Zeya S.B., Veenakumari K., Badruddin S.M.A., Ahmad, S.K. & **Khan M.T.** (2015). Records and Descriptions of Encyrtidae (Hymenoptera: Chalcidoidea) from Southern India–2 *Journals of Insect Systematics* 2 (1): 35–70.

16. Hayat M., Veenakumari K., Badruddin S.M.A., Ahmad, S.K. & **Khan M.T.** (2015). Addition to the Aphelinidae of India (Hymenoptera: Chalcidoidea) - 5. Records and Description of some Species. *Journals of Insect Systematics* 1(2): 116–134.
17. Naved Ahmad Ansari, Mohd Jameel, **Mohd Talib Khan**, Syed Kamran Ahmad & Mohd Azahar, (2016). Biological attributes of Lappet Moth, *Trabala vishnou* Lefebvre (Lasiocampidae: Lepidoptera) on Castor. *WJPR*, 5 (12): 761–771.
18. Rehmet, T., Anis, S.B., **Khan, M.T.**, Fatima, J. & Begum, S. (2011). Aphelinid Parasitoids (Hymenoptera; Chalcidoidea) of Armoured Scale Insects (Homoptera; Diaspididae) from India. *Biology and Medicine*, 3 (2): 270–281.

CONFERENCES

1. National Conference on Insect Diversity and Systematics: Special Emphasis on Molecular Approach (NCIDS-2013), 28th October 2013, Department of Zoology AMU. Aligarh, U.P.

Abstract
/Paper
Title

- I. *Biodiversity of Indian Trichogrammatidae.*
- II. *Biosystematic studies on some genera of Indian Trichogrammatidae.*

2. International Conference on Biodiversity: Current Scenario & Future Strategies, 6-8 October 2016, St. Bede's College, Shimla.

Abstract
/Paper
Title

Taxonomy and Diversity of Indian Trichogrammatidae (Hymenoptera: Chalcidoidea).

3. National Conference on Bio-Degradation of Wildlife, Environment and Biodiversity (B-WEB-2017), 19-20th March, 2017, Gandhi Faiz-E-Aam (P.G.) College, Shahjahanpur, UP.

Abstract
/Paper
Title

Biodiversity of Indian Trichogrammatidae and its role in Biological control (Chalcidoidea:Trichogrammatidae).

4. National Symposium on Modern Trends in Life Sciences Research with Special Emphasis on Comparative Endocrinology, 10th November 2016, Department of Zoology AMU. Aligarh, U.P.

5. International Conference on Advances in Zoological Research (ICAZR) and Workshop on Real-Time PCR, 9-10th March, 2019, Department of Zoology AMU. Aligarh, U.P.

Abstract/
Paper
Title

Biodiversity and Taxonomy of Trichogrammatidae (Hymenoptera: Chalcidoidea) from India

6. National seminar on Psycho-biology of ageing: Issues & Challenges, 05th November, 2022.
7. International Conference on Emerging Trends in Multidisciplinary Research, 24-25th March 2023.

8. ICAPMBEAH-2025 (International Conference on Agroecology and Pest Management: balancing Environment and Human Health), 18th and 19th July, 2025, University Dept of Zoology, LNMU, Darbhanga.

**Abstract/
Paper
Title**

Environmental Impact and ecological Risks of Neonicotinoids in India.

WORKSHOPS ATTENDED

1. Coaching and Guidance Cell: Workshop on Research Methodology from 22nd May 2016 to 28th May 2016, AMU, Aligarh.
2. Intellectual Property & Innovation Management in Knowledge Era, on 7th December 2015, AMU, Aligarh.
3. University Eco Club: Eco Summit held on 23rd February 2016, AMU, Aligarh.
4. Training and Placement Office, Biospark, All India Life Science Fest: Career Development, on 30th November, 2017, AMU. Aligarh.