

CURRICULAM VITAE

Name: - *Dr. Javaid Hassan Sheikh*

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Corresponding Address: Deptt. Of Zoology, S. P. College, Srinagar

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Qualification: **M. Sc. Zoology – University of Kashmir, (NAAC ReAccredited Grade “A+”)**
Specialization during Masters Nematology (Parasitology)
M. Phil (“A” Grade) – University of Kashmir, (NAAC ReAccredited Grade “A+”)
Ph. D –University of Kashmir, (NAAC ReAccredited Grade “A+”)

Designation:

Assistant Professor In GP=8000,

(Associate Professor Grade due from 1st May, 2023.)

Department of Higher Education, Government of Jammu and Kashmir.

Place of Posting Sri Partap College, Srinagar, CUS, J&K, India.

Teaching Experience Since 1st May, 2010 till date (at bachelor’s level)
Since session 2017 (at masters level)

Special Research Assignment:

Co-ordinator and Head(Hydrobiology Research lab) since 2023.

Research Areas: (Nematology, Parasitology, liminology, Molecular biology, Conservation biology)

Salient features of research work:

Morphometry, camera Lucida, species composition, prevalence, incidence, nematode population dynamics, ecology, management by organic amendments, biological control prospects, applications as pollution/ plant disease indicators.

M. Phil. : Study of plant parasitic nematodes of economically important crops, particularly of Maize (*Zeamays*) and Mustard (*Brassica compestris*) in the Kashmir valley.

Ph. D. : Biodiversity of Tylenchid nematodes in the valley of Kashmir.

As Research Supervisor-

Ph. D.Scholars ongoing(2): (As co-supervisor in university ofkashmir and Sri venkateshwaraUniversity)

M. Sc. Dissertations completed (total no. = 18)

PG Dissertations ongoing (2= CuK) (8 in PG Department)

Papers published in year 2024: Four in international journals of high repute (UGC listed).

Papers published in last five years: 13 in the UGC approved journals.

Total number of Research Papers: 37

Total no. of Citations as on 30th October, 2024= 197.

Project Proposal submitted to SERB : Amounting to 27.15 lacs entitled "Fish Bioaccumulation and Biomarkers in environmental riskassessment"

Consultancy: Consulted and deputed to PG Department of Zoology, Cluster University for imparting training in Nematology, developing research modules and carrying out projects.

Invited lectures/ resource person: total 30

Special Academics assignments:

1. As coordinator to run **four batch of personality development programs**during different years at S. P. College, srinagar.
2. Member board of research studies, cluster university of srinagar
3. Member board of PG studies, cluster university of srinagar.
4. Member Board of Studies in Department of Bioresources, University of Kashmir.
5. Development of innovative pedagogy: Personality development program modules and field planning.
6. **Design of new curricula and planning = PG and UG level.**
7. **As Core member for writing IIQA, its submission to NAAC, responding to IIQA clarifications for 3rd cycle of NAAC re-accreditation process of S P college (2023).**
8. As a member coordinator for writing and finalizing SSR for timely submission to NAAC for 3rd cycle (2023), responding effectively to DVV for SSR acceptance at NAAC.
9. As a Core member for coordinating the NAAC peer team visit to the institution (S P college), 2023, working tirelessly as hospitality incharge to support the peer time for the assessment process.
10. Convener of career counseling and placement cell.
11. NSS Program officer

Papers Published in Peer reviewed/ UGC listed Journals

1. "Nematodes associated with *Zea mays* and their control through organic soil amendments"***International journal of plant production* 3(4): 73- 78 pp, October 2009.**
2. "Nematodes associated with *Brassica compestris* and their control"***World Applied Sciences Journal* 5(5): 543-545 pp, 2008, IDOSI Publications, 2008.**
3. "A report of Hirschmanniella sp. And Tylenchus sp. On rice in Kashmir with a control strategy" ***World Applied Sciences Journal*5(5): 546-548 pp, 2008, IDOSI Publications, 2008.**
4. "Management of nematodes (=Tylenchida) associated with Rice by chemical control"***The Ecotech, an International biannual Journal of Ecology and Environmental Science* 1(1):71-72pp, 2009.**
5. "Seasonal nematode population density on maize and mustard"***World Applied Sciences Journal* 6(6): 734-736 pp, 2009, IDOSI Publications, 2009.**
6. "Effect of Hoeing and 5% Garlic (*Allium sativum*) solution on nematodes infesting *Brassica oleraceacrop*" ***The Ecotech, an International biannual Journal of Ecology and Environmental Science* 1(1): 59-60pp, 2009.**
7. "Redescription of some Nematodes associated with *Zea mays*" ***World Applied Sciences Journal* 6(9): 1261-1263 pp, 2009, IDOSI Publications, 2009.**
8. "Immunodiagnosis of *Haemonchus contortus* infection in sheep by indirect enzyme linked immunosorbent assay(ELISA)"***Iranian Journal of Veterinary research, Shiraz University, Vol. 13, No. 1, Ser. No. 38, 2012.***
9. "Population analysis of the genera buildup on some commercially important vegetable crops grown in Kashmir Valley"***Journal of Parasitic Diseases*,10.1007/s12639-014-0596-2, (2014).**
10. "Occurrence of *Helicotylenchus chishti* sp. n. (order= Tylenchida) on *Crocus sativus*(Saffron) and its generic buildup analysis and a note on its possible management strategy"***Journal of Zoological and Bioscience Research*, 1, 3:10-14, 2014.**

11. “A management strategy for the significant reduction.....” **International Journal of Biology research, Vol 3, Issue1, 324-326.**
12. “Phytonematodeinfestation on *Brassica oleracea* with special emphasis.....”**International journal of advanced educational research, volume 3, issue 2, 157-159.**
13. “Population Dynamics of *Tylenchusarcuates*.....” **International Journal of Multidisiplinary Research and Development, Vol 5, issue2, 113-115.**
14. “Nematode infestation on *Solanumtuberosum*and*Raphanussativus*.....” **International Journal of Innovative research and advanced studies, Vol 3, issue 5,84-87., 2018.**
15. “Occurrence of *Helicotylenchusgraminophilus*Fotedar& Mahajan, 1974 in Kashmir, India, a first report.” **JOURNAL OF PLANT SCIENCE RESEARCH, 37(1), 219-223, 2021.**
16. Integrated management of Tylenchids **JOURNAL OF PLANT SCIENCE RESEARCH, 37(2), 415- 418, 2021.**
17. “Intensity, Occurrence and redescription of *Aglenchusparvus*Siddiqi, 1963 and *Helicotylenchussiddiqii*Handoo, 1977 on *Brassica oleracea* (Cauliflower) and *Allium cepa*(Onion) respectively in Kashmir, india.”, **INDIAN JOURNAL OF PURE AND APPLIED BIOLOGY, Accepted in June 2020 for Vol 36, No. 1 , jannuary, 2021.**
18. “Host Range of *Psilenchus* De Man, 1921among mostly grown crops in Kashmir and its respective population build-up” **Asian Journal of Biological and life sciences, Vol 9, issue 3, Sep-Dec, 2020.**
19. “A management strategy of Genus *Filenchus*.....”, **Crop Research 56(1 & 2), 56-59 (2021).**
20. “Distribution pattern of frequently met phytonematodes.....”. **International journal of Zoological Investigations, Vol. 6, No. 2, 360-365 (2020).**
21. “Occurrence and redescription”, **International journal of Zoological Investigations, Vol. 7, No. 1, 32- 39 (2021).**
22. "Plant parasitic nematodes associated with mint in kashmir Himalayas" **Indian Journal of applied and pure Biology. Vol. 25(2), 267-268 (2010).**

23. " New host record of some nematodes occurring on *zea mays* in Kashmir valley" Oriental science. 13 (2008): 23- 32 pp, 2009.
24. " Tylenchids associated with *Brassica compestris* in Kashmir valley" Oriental science. 13 (2008): 101-104 pp, 2009.
25. " Plant parasitic Nematodes of Onion in Six districts of Kashmir Valley" Science, technology and Society (2009): 271-274 pp, 2009.
26. " Intestinal parasitic infection in school children in suburban areas of Kashmir valley" Science, technology and Society (2009): 305-308 pp, 2009.
27. " Effect of mustard oil cakes on plant parasitic nematodes infesting capsicum" Science, technology and Society (2009): 275-278 pp, 2009.
28. " Loss assessment due to plant parasitic nematodes infesting saffron (*Crocus sativus*) floral yield" Oriental science. 13 (2008): 105-107 pp, 2009.
29. " Survey and studies on plant parasitic nematodes of tomato of Kashmir valley" Oriental science. 13 (2008): 59-62 pp, 2009.
30. " Cultural control of plant parasitic nematodes of Saffron (*Crocus sativus*) by pulverizing and harrowing" Science, technology and Society (2009): 267-270 pp, 2009.
31. " Occurance of some tylenchids on *Zea mays*- First record in Kashmir valley" Science, technology and Society (2009): 279-282 pp, 2009.
32. " Helminthiasis and nutritional status in children" Oriental science. 13 (2008): 55-58 pp, 2009.
33. Epigenetics in migraine: A review. IP International journal of neurosciences 9(3), 1-10pp, (year 2023).
34. Understanding water dynamics in Dal Lake: a comprehensive analysis of physiological parameters and seasonal variations., *Water Science and technology*, Water Science & Technology Vol 00 No 0, 1 doi: 10.2166/wst.2024.258.(Year 2024)
35. A study of Occurrence of Red fox *Vulpes vulpes* in Kargil District of Ladakh using occupancy survey, *Indian Journal of applied and pure Biology*. Vol. 39(3), 2018-2022(year 2024).
36. Plant parasitic nematode management using antagonistic plants as a potential substitute to hazardous chemical control – a review; *International Journal of Pest Management*, <https://doi.org/10.1080/09670874.2024.2399069>. Year 2024.

37. Polymorphisms of Estrogen receptor alpha (ESR1) rs9340799, rs2234693, rs1801132, and rs2228480 and their association with migraine risk: a meta-analysis with meta-regression and trial sequential analysis. *The Nucleus* <https://doi.org/10.1007/s13237-024-00512-3> year 2024.

Abstracts Published

1. "Importance of the study of Phytoparasitic Nematodes of Commercially important crops – A Review". **2nd J&K Science Congress 2006**, University of Kashmir.
2. "Occurrence of Some Nematodes on *Brassica campestris* and *Zea mays* – First report in Kashmir Valley". **4th J&K Science Congress, 2008**, University of Kashmir.
3. "Seasonal Distribution of Nematode population density – A case study of Maize and Mustard". **4th J&K Science Congress, 2008**, University of Kashmir.
4. "Prevalence of Gastro intestinal Helminthic infection of sheep and goats in district Ganderbal, Kashmir" – **20th National Congress of Parasitology, 2008 organized by Indian Society for Parasitology, North Eastern Hill University, Shillong.**
5. "Cultural control of plant parasitic Nematodes of Saffron (*Crocus sativus*) by pulverizing and Harrowing" – **4th J&K Science Congress, 2008**, University of Kashmir.
6. "Plant parasitic nematodes of Onion in six districts of Kashmir Valley". - **4th J&K Science Congress, 2008**, University of Kashmir.
7. "Effect of Mustard Oil Cakes on Plant parasitic nematodes infesting capsicum" – **4th J&K Science Congress, 2008**, University of Kashmir.
8. "Specificity and Abundance of different species of ixodidae(hard ticks) on Ruminants in Kashmir valley". - **4th J&K Science Congress, 2008**, University of Kashmir.
9. "Ascaris and Malnutrition – A case study in rural Kashmiri Children". - **4th J&K Science Congress, 2008**, University of Kashmir.
10. "Impact of Gastrointestinal Helminths on Nutritional status in children". - **4th J&K Science Congress, 2008**, University of Kashmir.
11. " Effect on Plant parasitic nematodes infesting Knol-Khol crop intercropped with Garlic (*Allium sativum*)"- **9th Agricultural Science Congress, 2009**, SKUAST- Shalimar.

12. " Field Evaluation of Orange (*Citrus reticulata*) peeling against plant parasitic nematodes infesting Tomato Crop and its yield"- *National seminar on recent advances in Pharmaceutical education and research, July 15-16th, 2009*, University of Kashmir.

Participation in Conferences, Seminars, Workshops, Refresher courses and Orientation Programmes(and presentation of papers thereof)

1. Ten Days National Workshop on “**Experimental Parasitology and Immuno-diagnostics**”
07TH October to 16th October 2004.
2. **2nd J&K Science Congress, 2006**organised by University of Kashmir.
3. Workshop on “**Taxonomy and the Importance of nematodes in Biodiversity studies**”
sponsored by Ministry of Environment and forests, New Delhi at AMU Aligrah
4. **4th J&K Science Congress 2008**, organized by University of Kashmir in collaboration with J&K State council for Science and Technology and DST, Govt. of India.
5. **National Workshop on "Helminth Taxonomy – revisited"**, 2007 sponsored by Ministry of Science and Technology. Govt. of India.
6. **General Orientation Programme in ASC, University of Kashmir, in the year 2010-11.**
7. **One day national seminar on Female feticide in the Government Degree college, Bemina, Srinagar in the year 2012.**
8. **Two days national seminar on Science Education, its present, and future prospects in the Government Degree college, Bemina, Srinagar in the year 2012.**
9. **Seven days national youth red cross training camp, held from 19th December-25th December, 2012 at Kurekshetra, Haryana.**
10. **Two Days international congregation on the celebration of international volunteers day at Kurekshetra, Haryana, India.**

11. **A Refresher course on Agricultural Science(Interdisciplinary) held at ASC, Aligarh Muslim University, UP in the Year 2012.**
12. **A Seven days national youth red cross training camp held at Periyar University, Salem, Tamil Nadu from 10thoct. to 16th Oct. 2012.**
13. **A seven days Orientation course on National Service Scheme held at University of kashmir in the year 2013.**
14. **A one day conference on the conservation of water and water resources held at University of Kashmir by the PHE Department, Government of J&K in the year 2014.**
15. One day online workshop on planning and organizing research using elsevier tools, science direct , scopus and mendely, organized by department of bioresource, university of Kashmir on 26.04.2020
16. Regional workshop on research based pedagogical tools, IISER Pune, on 16 - 18th July, 2019
17. Two day national seminar cum workshop on skill development in biotechnology on 20-21 nov. 2017
18. One day conference on Global challenges to environment.....on 19thmarch ,2016 at GDC ganderbal.
19. Refresher course from 2.01.2017 to 21.01.2017 at HRDC Punjabi university patiala
20. Two days workshop on advances in cell and molecular biology on 27 to 28 Sept. 2017 organized by Govt. College for women.
21. 3 day national workshop on disaster resilience of kashmir in the face of climate change on 13th to 15thnov 2017 at GDC bemina
22. One day workshop on the theme “recent advances in nanoscience and technology on 6 Oct. 2018 at s.p college
23. Refresher course in Human rights from 10.12.2018 to 31.12.2018 at university of kashmir.

24. One day regional conference on sustainable development and environmental issues in jammu and Kashmir: Problems and Prospectus on 20th march 2017 organized by Government Degree college Ganderbal.
25. National webinar on Holistic mental and emotional wellbeing organized by Psychological cum career counseling and placement cell, HED on 30.07.2020.
26. National webinar on The resilience of the environment and perils to the economy emergence of new debate during Covid-19 organized by Disaster management cell, Tinsukia college on 6. 8. 2020.
27. International webinar series on 24th August, 2020 “ Role of Data Sciences in Modern Agriculture” organized by Amar Singh College, Srinagar.
28. International webinar series 1: Sustainable Development through Geoheritage conservation and Geotourism in Rokua UNESCO Global Geopark, Finland, organized under the aegis of Geoheritage India Group on 18. 8. 2020.
29. Two day international webinar on Redrawing the Domestic Paradigm: Family bonding.....organized by PGGC-11 Chandigarh on 16th and 17th July, 2020.
30. International webinar on Leveraging Artificial intelligence..... on 28th July, 2020, organized by Amar Singh Collge, Srinagar.
31. One day workshop on Plagiarism- An opportunity to learn.....on June, 24, 2020, organized by Department of Bioresource, UoK.
32. One day national webinar on Coastal wetlands on 14th Sep 2020, organized by SKES'S Association of India, Belgaum chapter.
33. Two days national webinar on 8th and 9th Oct, 2020 on Wildlife week 2020, organized by Farook College, Calicut, Kerala.
34. One day International webinar on 23. 09. 2020 on Current Fluxes in Indian..... organized by GDC, Kulgam.

35. National level webinar on Role of Ichnology in Palaeontology..... On 29th August 2020 organized by Government institute of Science, Aurangabad.
36. National Webinar on New educational policy..... on 15. 09. 2020 organized by Govt college for women, Nawakadal, Srinagar.
37. Three days International E workshop on Advanced Micropaleontology organized by Department of Geology and Environmental Science, Christ college, Trinjalakuda, Kerala, India, on 25- 27 August 2020.
38. National Webinar on Gender sensitization on 5thsep, 2020 organized by Krantiagrani G. D. Bapu Lad mahavidyalayaKundal.
- 39.National Webinar on covid 19 and its impact..... On 12.09.2020 organized by GDC, Pulwama.
40. One DayNational webinar on Education in times on 05.09.2020, organized by GDC, Kulgam.
41. National Conference on recent trends in science at GDC Budgamon 17thof October, 2024.

Potential References

1. **Prof. M. Z. Chishti**,
Former Professor Emiratus, Centre of Research for Development
University of Kashmir, Srinagar, India
2. **Prof. QudsiaTahseen**,
Professor, Section of Nematology,
Aligrah Muslim University
- 3 **Professor Shamimjairajpuri**
Ex Professor, section of Nematology, AMU
4. **Prof. SudharshanGanguly**
Former Head, Division of Nematology , IARI, Pusa road, New Delhi.