

CURRICULUM VITAE

Name: Dr. Mohammad Yaqoob Lone

Present Address

Dr Mohammad Yaqoob Lone R/O: Thindima, Tehsil: Kreeri,
Department of Zoology
Govt Degree College Baramulla
Mobile No.: +91-8491839751
Email ID: yaqoob.azu@gmail.com

Permanent Address

Jammu and Kashmir, India. 193198

Professional Summary

Assistant Professor with four years of experience in teaching undergraduate courses in Zoology and Ten years of research experience in Molecular Biology and Animal Toxicology. Actively participate in continued learning through conferences and professional research. Believe in students' abilities to learn and inherent thirst for knowledge with the right environment.

Skills

- ❖ Strong critical and analytical skills with reading, writing, and understanding
- ❖ Passion for connecting students to learning modalities that stimulate their interest in the Humanities
- ❖ Friendly personality to connect with students and colleagues
- ❖ Appetite for increased knowledge
- ❖ Exceptional speaking skills without losing train of thought or direction
- ❖

Work Experience

Lecturer and Assistant Professor

June 2016 – Present

- ❖ Teach courses in Zoology to undergraduate students.
- ❖ Deliver lectures and facilitate classroom discussions on analysis, rhetoric, critical theory, structure, and style.
- ❖ Publish papers in professional journals through extensive research
- ❖ Chair panels at professional conferences and present academic papers.

- ❖ Regularly meet with students during office hours to address concerns and offer feedback.
- ❖ Provide letters of recommendation and other referrals to students pursuing further programs.
- ❖ Participate in campus events, including Environment weeks, Drug addiction programs and NSSY activities
- ❖ Grade exams and papers, giving detailed feedback.
- ❖ Keep thorough records of student scores and attendance.
- ❖ Provide extra assistance to students as needed.

Participation in Faculty Empowerment Programs

- ❖ Three Week Induction Training Programme at Govt. College of Education (IASE) Srinagar from 27th of May 2019 to 19th June 2019
- ❖ One week workshop on Research Methodology in Social Science and Intellectual Property Rights (IPRs) conducted between 15th to 25th t 2021
- ❖ 4- week Orientation Programme of Faculty in Universities/ College/ Institutes of Higher Education at Teaching Learning Centre, Ramanujan College , University of Delhi from March 15-April 14, 2021
- ❖ One Week on Research Methodology in Social Science and Intellectual property Rights at Govt Degree College Baramulla from 15-03-2021- 25-03-2021

Administrative Experience

- ❖ Coordinator Apiculture Govt. Degree College Baramulla since November 2020
- ❖ Member College Purchasing Committee Govt. Degree College Baramulla **Since 2020**
- ❖ Member Innovation and Incubation Centre, Govt. Degree College Baramulla **since 2020**
- ❖ Member College Sports Committee Govt. Degree College Baramulla **since 2020**

Education

Ph.D. in Zoology 2017

Dr. Harisingh Gour Central University, Sagar India.

Duration of the course: December 2011 –2017.

Title of Thesis: *“Toxicological effect of Cyanotoxins on mice, Mus musculus”.*

Masters of Philosophy in Bioscience 2010

Title of Thesis: *“Dimethoate Induced Alteration on the Haematological, Biochemical Parameters and Histological Changes in Liver of Rat, Rattus rattus”.*

Master of Science in Zoology 2007

Subjects studied: Cell and Molecular Biology, Vertebrate Zoology, Invertebrate Zoology, Biochemistry, Physiology, Genetics, Immunology, Biostatistics, Ichthyology, Environmental Biology and Aquaculture.

Bachelor of Science 2005

Subjects studied: Botany, Zoology and Chemistry.

Intermediate **2002**

High School **2000**

Research Training and Experience

- Experience with working on mammalian (Rat and Mice) animal and animal cell culture system.
- Experienced in the use of molecular techniques like Isolation and Characterization of DNA, RNA and Proteins from different biological samples, Agarose Gel Electrophoresis & Native and SDS Poly-Acrylamide Gel Electrophoresis.
- PCR and Western Blotting.
- Flowcytometry, qRT- PCR and DNA Sequencing.
- UV-VIS Spectrophotometer, Ultra and High Speed Centrifuges, HPLC, HPTLC, Mass Spectrometry, Microtome and ELISA.
- Methods of Enzyme Estimation, Biochemical and Hematological test and Histopathology

List of Publications

a) Published: 13

b) Abstracts: 25

c) Communicate: 04

Paper Published

- Hamid Y.Dar, **Yaqoob Lone** Raj Kumar Koiri, Pradyumna K. Mishra, Rupesh K. Srivastava 2018 Microcystin-leucine arginine (MC-LR) induces bone loss and impairs bone micro-architecture by **modulating** host immunity in mice: Implications for bone health Environment Pollution 238 798-802. **I.F: 6.8**
- **Yaqoob Lone**, Mangla Bhide and Raj Kumar Koiri 2017, Amelioratory effect of coenzyme Q10 on potential human carcinogen **Food and Chemical Toxicology** 102 176-185. **I.F: 4.6**

- **Yaqoob Lone**, Raj Kumar Koiri, ManglaBhide 2015, An overview of the toxic effect of potential human carcinogen Microcystin-LR on testis. **Toxicology Reports**2.I.F: **4.8**

- AbhilashaChaurasia, **Yaqoob Lone**, OwaisWani, U.S. Gupta 2015, Effect of certain entomopathogenic fungi on oxidative stress and mortality of *Periplanetaamericana***Pesticide Biochemistry and Physiology** 127. **I.F: 2.8**

- **Yaqoob Lone**, ManglaBhide and Raj Kumar Koiri 2016, Microcystin-LR Induced Immunotoxicity in Mammals.**Journal of Toxicology**,doi.org/10.1155/2016/8048125. **C.S: 3.4**

- AbhilashaChaurasia,**Yaqoob Lone**, US Gupta 2016, Effect of entomopathogenic fungi, *Hirsutellathompsoniion* mortality and detoxification enzyme activity in *Periplanetaamericana***Journal of Entomology and Zoology Studies** 2016; 4(1): 234-239

- **Yaqoob Lone**, Raj Kumar Koiri and ManglaBhide2015, Nitrate Enhances Microcystin-LR Induced Toxicity in Mice. **Austin Journal of Molecular and Cellular Biology** 2 (1).

- Prathvi Raj, ShaukatSaeed Khan, MadhuriModak, Zahoor Ahmad Lone, Shabir A Rather and **Yaqoob Lone** **2013**, Biodiversity of endophytic fungi in saffron (*crocus sativus*) and antimicrobial activity of their crude extract **Indo American Journal of Pharmaceutical Research**3 (4).

- **Mohammad Yaqoob Lone**, Bashir Ahmad Baba, Prathvi Raj, Vinoy K Shrivastava, ManglaBhide2013, Haematological and Hepatopathological Changes Induced by Dimethoate in *Rattusrattus***Indo American Journal of Pharmaceutical Research** 3(6).

- Zahoor Ahmad Lone, **Yaqoob Lone**, ShaukatSaeed Khan1, Aijaz Ahmad Wani and Mohd Imran Reshi 2015,Hepatoprotective Medicinal Plants used by the Gond and

Bhilltribals of District Raisen Madhya Pradesh, India. **Journal of Medicinal Plants Research**9 (12).

Conferences/Seminar/Workshop Attended/ Participated

- Presented Paper (Poster) entitled “Toxicological effect of Cyclophosphamide on male rat *Rattusrattus*”.in**International Conference on Frontier Discoveries and Emerging Opportunities in Life Sciences organized by Dr. H. S. Gour Central University Sagar held on 13-15th of Feb. 2014.**
- Presented Paper (Poster) entitled “Toxicology Effect of Microcystinlr on liver of Micein **Status and Conservation of Biodiversity in India with Special Reference to Himalaya organized by Kashmir University held on 4th -5th of October, 2013.**
- Participated in the seminar on the **Role of Forensic Science in Criminal Justice System (ISCAS) organized by Dr. H. S. Gour Central University, Sagar held on 22 Feb, 2014.**
- Presented Paper (Poster) entitled “Decoding the cause of death after being injected with milk: a Biochemical Prospective.” in **National Symposium on Frontiers in Modern Biology organized by Dr. H. S. Gour Central University Sagar held on 24th -25th of March, 2014.**
- Present paper (poster) entitled “Haematological and Heptopathological Changes Induced by Dimethoate in *Rattusrattus*”in**Indian Science Congress Association 14, Dr, BireshGuha Street. Kolkata-700017, held on 3th -7th of March, 2013.**
- Presented Paper (Poster) entitled “Influence of Nitrate on MC-LR Induced Toxicity on Testis of Mice”**National Conference on Evolving trends in Biotechnology, OrganisedbyDepartment of Biotechnology, Dr. H. S. Gour Central University Sagar held on 28th -30th of March, 2015.**
- Presented Paper (Poster) entitled “MC-LR Induce Reproductive Toxicity on Male Mice”**National seminar on Emerging Frontiers and Challenges in Nanotechnology and Drug Design” Organised by Department of Pharmaceutical sciences, Dr. H.S. Gour Central University Sagar held on 1st - 3rd of March, 2015.**

- Presented Paper (Poster) entitled “Protective Role of Coenzyme Q10 against the MC-LR toxicity on Male Mice” **National Seminar on Recent Advances and Challenges in Biological Sciences, Organised by Department of Zoology, Dr. H. S. Gour Central University Sagar held on 17-18th of March, 2015.**
- Participated in **102th Indian Science Congress Association 14, Dr, BireshGuha Street. Kolkata-700017, held at Mumbai, 3th -7th of March, 2015.**
- Participated in the short term programme on **Anti-plagiarism: Practices and Remedies held from 21st -27th July 2015 at UGC Human Resource Development Centre, Dr. H. S. Gour Central University, Sagar obtained A grade.**
- Participated in the work shop on **DST-Purse Sponsored Workshop on DNA Sequencer & qRT -PCR held from 17th -19th of September 2015 at Department of Biotechnology, Dr. H. S. Gour Central University, Sagar.**
- Participated in the work shop on **“Cancer Biology” Organised by Department of Zoology, School of biological Sciences. Dr. H. S. Gour Central University, Sagar held from 31st of December to 5th of February 2016.**

Awards / Fellowships received

Qualified CSIR-UGC NET December, rank 30, 2011