

## PERSONAL INFORMATION **Bashir Ahmad Lone**



📍 Department of Bioresources, University of Kashmir, Srinagar, Jammu and Kashmir, India-190006

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🛂 Passport No. J3908678 |

♂️ Sex Male | 📅 Date of birth 03/02/1981 | 🇮🇳 Nationality Indian

## PRESENT POSITION

Presently I am working as a lecturer in the Department of Bioresources, University of Kashmir, Srinagar, Jammu and Kashmir. I have finished my Ph.D. in Zoology (Parasitology) with the topic entitled "Epidemiology, Pathogenicity, Immunology and Prophylaxis of Gastrointestinal parasitic fauna of Ruminants of Jammu and Kashmir" from University of Kashmir, India and currently my research interests are focused mainly on Medical and Veterinary Parasitology, Helminthology, Histopathology and Protozoology. I have also been working on Molecular Immunology and Exploration and characterization of medicinal herbs for secondary metabolites vis-a-vis their bioactivity (Anthelmintic, Antimicrobial activity and Antioxidant activity). Currently my research interests are focused mainly on understanding the mechanism of drug resistance by nematodes of Veterinary importance, immunodiagnosics and isolation, characterization of antigenic proteins of *Haemonchus contortus* and *Ostertagia osteratgi* for vaccine designing.

## WORK EXPERIENCE

May 2015 to till Date

**Contractual Lecturer**

Department of Bioresources, University of Kashmir, Srinagar, Jammu and Kashmir

Teaching/Research

April 2012 - May 2015

**Assistant Professor (Adhoc)**

Govt. Degree College, Sopore, Baramulla, Jammu and Kashmir

Teaching

July 2008 - Dec. 2008

**Assistant Professor**

Bhoj Mahavidyalaya Bopal

Teaching

July 2005 - June 2006

**Lecturer (10+2)**

Space Age Model Higher Secondary School Bandipore, Kashmir.

Teaching

01-07-2008 - 30-06-2011

**SRF (DST, GOI, Delhi Project)**

Centre of Research for Development, University of Kashmir, Srinagar-190006, J&K, India

Research work on Ruminant Parasitology, Immunology and Prophylaxis

## EDUCATION AND DETAILS

(2009-2013)	<p><b>Ph.D. (Zoology)</b>  Centre of Research for Development, University of Kashmir, Srinagar-190006, J&amp;K, India  Thesis title: "Epidemiology, Pathogenicity, Immunology and Prophylaxis of Gastrointestinal parasitic fauna of Ruminants of Jammu and Kashmir"</p>
(2006-2009)	<p><b>M. Phil (Medical Parasitology)</b>  Department of Zoology, University of Kashmir, Srinagar-190006, J&amp;K  Thesis title: Gastrointestinal helminthes of children and their effects on nutritional status"</p>
(2003-2005)	<p><b>M.Sc. Zoology (Specialization – Parasitology)</b>  Department of Zoology, University of Kashmir, Srinagar-190006, J&amp;K</p>
(2000-2003)	<p><b>B.Sc. Science (English, Botany, Chemistry, Zoology)</b>  Islamia College of Science and Commerce, Srinagar  University of Kashmir, Srinagar-190006, J&amp;K India.</p>

## PERSONAL SKILLS

Mother tongue(s) Kashmiri

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	Advance	Advance	Advance	Advance	Advance
Urdu	Advance	Advance	Advance	Advance	Advance
Hindi	Advance	Average	Advance	Advance	Average

Communication skills

Good communication skills gained through my experience as teacher and as a researcher.

Fellowships

- Senior Research Fellowship in Project "Gastrointestinal Parasites of Ruminants in Jammu and Kashmir with special emphasis on Prophylaxis" sponsored by Department of Science and Technology, Govt. of India, New Delhi. DST No: SR/SO/AS-02/2007, Dated: 19-10-2007.

Memberships of Scientific Societies

- ❖ Member of International Society for Infectious Diseases (ISID).
- ❖ Editorial Advisory Member "DAV International Journal of Science" ISSN: 2277-5536 (Print); 2277-5641 (Online).

## Publications

1. Javaid Hassan, M. Z. Chishti, Imtiyaz Ahmad, Mohd Iqbal and **Bashir Ahmad Lone** (2009). Seasonal Nematode Population Density on Maize and Mustard. *World Applied Science Journal*, **6**(6): 734-736.
2. Javaid Hassan, M. Z. Chishti, Majidah Rasheed and **Bashir Ahmad Lone** (2009). Rediscription of some Nematodes Associated with *Zea mays*. *World Applied Science Journal*, **6**(9):1261-1263.
3. Javaid Hassan, M. Z. Chishti, Majidah Rasheed, Fayaz Ahmad and **B. A. Lone** (2009). Nematodes associated with *zea mays* and their control through organic soil amendments. *International journal of plant production*. **3**(4): 71-75.
4. Fayaz Ahmad, **Bashir A. Lone**, M. Z. Chishti and Hidayatullah Tak (2008). Helminthiasis and Nutritional Status in Children. *Oriental Science*, **14**(1): 48-52.
5. **Bashir Ahmad Lone**, M. Z. Chishti and Fayaz Ahmad (2011). Prevalence of Coccidia and Gastrointestinal Nematode infections in Goats of Barramulla District of Kashmir Valley. *Global Veterinaria*, **7**(1): 27-30.
6. Suhaib A. Bandh, **Bashir A. Lone**, M. Z. Chishti, Azra N. Kamili, Bashir A. Ganai and Samira Saleem (2011). Evaluation of Anthelmintic and Antimicrobial Activity of the Methanolic Extracts of *Nepeta cataria*. *New York Science Journal*, **4**(8):129-135.
7. **Bashir Ahmad Lone**, M. Z. Chisti, Fayaz Ahmad, Hidayatullah Tak (2011). Serodiagnosis of *Oesophagostomum columbianum* infection in Goats using indirect ELISA. *Vet. World*, **4**(11): 503-506.
8. Suhaib A. Bandh, Azra N. Kamili, Bashir A. Ganai, **Bashir A. Lone**, Samira Saleem (2011). Evaluation of antimicrobial activity of aqueous extracts of *Nepeta cataria*. *Journal of Pharmacy Research*, **4**(9): 3141-3142.
9. **Bashir Ahmad Lone**, M. Z. Chishti, Fayaz Ahmad and Hidayatullah Tak (2012). Immunodiagnosis of *Haemonchus contortus* Infection in Sheep by Indirect Enzyme Linked Immunosorbent Assay (ELISA). *Iranian Journal of Veterinary Research*, **13**(1): (Ser. No. 38) 49-53.
10. Suhaib A. Bandh, Azra N. Kamili, Bashir A. Ganai, Samira Saleem, **Bashir A. Lone** and Humera Nissa. 2012. First qualitative survey of filamentous fungi in Dal Lake, Kashmir. *Journal of Yeast and Fungal Research*, **3**(1): 7 – 11.
11. **Bashir Ahmad Lone**, Fayaz Ahmad and Hidayatullah Tak. (2011). Soil Transmitted Helminthic Infestation in Children of Kashmir Valley. *DAV International Journal of Science*, **1**(1): 72-74.
12. **Bashir Ahmad Lone**, Chishti M. Z., Fayaz Ahmad and Hidayatullah Tak. (2012). Helminthic Infestations in Slaughtered Sheep and Goats of District Ganderbal, Kashmir. *DAV International Journal of Science*, **1**(1): 65-67.
13. Nazima Gul, Hidayatullah Tak and **Bashir A. Lone**. (2011). Global Application of Studying Comparative Electrophoretic Behaviour of *Fasciola hepatica* and *Fasciola gigantica*– A Review. *DAV International Journal of Science*, **1**(1): 75-79.
14. Maqbool Fatima, Fayaz Ahmad, M.Z. Chishti and **Bashir Ahmad Lone** (2012). A Survey on the Bovine Amphistomiasis in Kashmir Valley, India. *International Journal of Recent Scientific Research*, **3** (1): 50-52.
15. **Bashir Ahmad Lone**, M.Z. Chishti, Fayaz Ahmad and Hidayatullah Tak (2012). A Survey of Gastrointestinal Helminth Parasites of Slaughtered Sheep and Goats in Ganderbal, Kashmir. *Global Veterinaria*, **8** (4): 338-341.
16. **Bashir A Lone**, M. Z. Chishti, Fayaz Ahmad Bhat, Hidayatullah Tak and Suhaib A. Bandh. 2012. *In vitro* and *In vivo* Anthelmintic Activity of *Euphorbia helioscopia* L. *Veterinary parasitology*, **189**: 317– 321. **Publisher Elsevier**
17. J. A. Kuchai, M. Z. Chishti, H. Tak & **B. A. Lone**. 2012. Faecal Examinations of Pashmina Goats (*Capra siberica*) of Ladakh for Nematode Infections. *Global Journal of Science Frontier Research Biological Sciences*, **12**(4): 37-40.
18. **Bashir Ahmad Lone**, Fayaz Ahmad and Hidayatullah Tak. 2012. Impact of Helminth Parasites on Plasma Proteins in Children of Kashmir. *International Journal of Innovation Sciences and Discoveries*, **1**(1): 14-16.
19. Maqbool Fatima, M.Z. Chishti, Fayaz Ahmad and **Bashir Ahmad Lone**. 2012. Epidemiological Study of Fasciolosis in Cattle of Kashmir Valley. *Advances in Biological Research*, **6**(3): 106-109.

20. **Bashir A. Lone**, Suhaib A. Bandh, M. Z. Chishti, Fayaz Ahmad Bhat, Hidayatullah Tak and Humeera Nisa. 2013. Anthelmintic and Antimicrobial Activity of Methanolic and Aqueous extracts of *Euphorbia helioscopia* L. *Tropical Animal Health and Production*, **45**:743-749. **Publisher Springer**
21. Nisa Humeera, Azra N. Kamili, Shajr-ul- Amin, Suhaib A. Bandh, **Bashir A. Lone** and Nisa Gousia. 2013. Antimicrobial and antioxidant activities of alcoholic extracts of *Rumex dentatus* L. *Microbial Pathogenesis*, **57**:17-20. **Publisher Elsevier**
22. Shabir Ahmad Dar, Fayaz Ahmad, M. R. Mir, J. A. Kuchai, **Bashir A. Lone** and Hidayatullah Tak. 2013. Helminth infection in relation to size and sex of snow trout (*Schizothorax*). *International Journal of Recent Scientific Research*, **4**(1): 1-4.
23. Nisa Humeera, Azra N. Suhaib A. Bandh, Kamili, Shajr-ul- Amin, **Bashir A. Lone** and Javaid A. Parray. 2013. Phytochemical screening, antimicrobial and antioxidant efficacy of different extracts of *Rumex dentatus* L. - A locally used medicinal herb of Kashmir Himalaya. *Asian Pacific Journal of Tropical Disease*, **3**(6): 434-440. **Publisher Elsevier**
24. Abida Khan, Hidayatullah Tak, Ruqiaya Nazir, **Bashir A. Lone** and Javaid A Parray. 2014. In Vitro Anthelmintic and Antimicrobial Activities of Methanolic Extracts of *Fumaria Indica*. *Clin Microbial*, **3**(5): 161.
25. Sofi Mubashir, Mohd Yousuf Dar, **Bashir A. Lone**, M. Iqbal Zargar and Wajaht A. Shah. 2014. Anthelmintic, antimicrobial, antioxidant and cytotoxic activity of *Caltha palustris* var. alba Kashmir, India. *Chinese Journal of Natural Medicines*, **12**(8): 567-572. **Publisher Elsevier**
26. **Bashir A. Lone**, M. Z. Chishti, Fayaz Ahmad, Hidayatullah Tak, Suhaib A. Bandh and Abida Khan. 2016. A field survey on the status of gastrointestinal helminth parasites in Hangul (*Cervus elaphus hanglu*) in Dachigam National Park of Kashmir. *Journal of Parasitic Diseases*, **40**(3): 750-755. **Publisher Springer**
27. **Bashir Ahmad Lone**, Fayaz Ahmad and Hidayatullah Tak. 2015. Impact of Soil-Transmitted Helminth Infections on Haematobiochemical Profile in Children. *Acta Parasitologica Globalis*, **6** (2): 79-82.
28. Fayaz Ahmad, Tanveer A. Sofi, Khalid M. Fazili, Bashir A. Sheikh, **Bashir A. Lone** and Omer Mohi ud Din Sofi. 2015. Chromosomes of Two Species of Acanthocephalans Collected from the Fishes of Kashmir Valley, India. *Veterinary Science & Technology*, **6**: 253.
29. Suhaib A. Bandh, Azra N. Kamili, Bashir A. Ganai, **Bashir A. Lone**. 2016. Opportunistic fungi in lake water and fungal infections in associated human population in Dal Lake, Kashmir. *Microbial Pathogenesis*, **93**: 105-110. **Publisher Elsevier** doi: 10.1016/j.micpath.2016.01.022.
30. Abida Khan, Hidayatullah Tak, Ruqiaya Nazir, **Bashir A. Lone**. 2016. *In vitro* and *in vivo* anthelmintic activities of *Iris kashmiriana* Linn.. *Journal of the Saudi Society of Agricultural Sciences*. **xxx**, **xxx-xxx**. **Publisher Elsevier**  
<http://dx.doi.org/10.1016/j.jssas.2016.05.001>
31. Suhaib A. Bandh, Azra N. Kamili, Bashir A. Ganai, **Bashir A. Lone**. 2017. Assessment of species richness in Lake Dal, Kashmir, based on classical approach, physiological approach and rDNA ITS sequences from isolates. *Microbial Pathogenesis*, **104**: 303-309. **Publisher Elsevier**
32. **Bashir A Lone**, M. Z. Chishti, Fayaz Ahmad, Hidayatullah Tak, Suhaib A. Bandh and Abida Khan. 2017. Anthelmintic Activities of Aqueous and Methanol Extracts of *Prunella vulgaris* L. *Natural Products Chemistry & Research*, **5**: 269. [DOI: 10.4172/2329-6836.1000269](https://doi.org/10.4172/2329-6836.1000269)
33. **Bashir A Lone**, M. Z. Chishti, Fayaz Ahmad, Hidayatullah Tak, Suhaib A. Bandh and Abida Khan. 2017. Evaluation of anthelmintic antimicrobial and antioxidant activity of *Chenopodium album*. *Tropical Animal Health and Production*, **Publisher Springer** [DOI 10.1007/s11250-017-1364-y](https://doi.org/10.1007/s11250-017-1364-y)

## Book Chapters

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- Irfan-ur-Rauf Tak, M.Z. Chishti, Fayaz Ahmad and B.A. Lone. 2015. Applications of Studying Electrophoretic Pattern of Haemonchus contortus as Tool for Vaccine Designing A Review. Discovery Publishing House Pvt. Ltd., New Delhi (India). Pp: 244-253.

## Books published

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- Impact of Helminth Parasites on Nutritional Status by Bashir A. Lone and Fayaz Ahmad Lambert Academic Publishing, ISBN 978-3-8473-1721-0 (Germany). 2011.
- Hand Book of Veterinary Parasitology by Bashir A. Lone, M. Z. Chishti and Fayaz Ahmad Published by Innovative Publication, H - 2/94, Bengali Colony, Mahavir Enclave, Part-I, New Delhi-110045, India. ISBN: 978-81-932450-0-2.
- Practical Handbook of Parasitology by Bashir A. Lone, Ibraq Khurshd and Fayaz Ahmad Published by Callisto Reference, 118-35 Queens Blvd, Suite 400, Forest Hills, New York 11375, USA. ISBN: 978-1-64116-039-1.

## Books Edited

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- ✓ Edited the Souvenir and Abstract Book of the 11th JK Science Congress” organized by University of Kashmir, Srinagar in Collaboration with JK State Council for Science and Technology and Department of Science and Technology, Govt. of India from 12-14<sup>th</sup> October, 2015.

## E-Contents Prepared

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- ❖ Endocrine glands their **Hormones and deficiency diseases** with EMMRC, University of Kashmir.
- ❖ **General mechanism of hormone action** with EMMRC, University of Kashmir.
- ❖ **Action potential and synaptic transmission** with EMMRC, University of Kashmir.



Conferences  
attended

- 2<sup>nd</sup> J & K Science Congress Organized by **University of Kashmir**, Srinagar, 25-27 July 2006.
- National Workshop on Helminth Taxonomy Revisited organized by Department of Zoology, **University of Kashmir**, 3-5 November 2007.
- Workshop on Taxonomy and the importance of Nematodes in Biodiversity Studies Sponsored by Ministry of Environment and Forests, New Delhi, organized by Department of Zoology, **Aligarh Muslim University**, held on March 2008.
- 20<sup>th</sup> National Congress of Parasitology organized by The Indian Society for Parasitology and Department of Zoology, **North Eastern Hill University, Shillong**, 3-5 November 2008.
- 4<sup>th</sup> JK Science Congress, held from 12-14 November, 2008 Organized by **University of Kashmir**, Srinagar in Collaboration with JK State Council for Science and Technology and Department of Science and Technology, Govt. of India.
- 21<sup>st</sup> National Congress of Parasitology organized by The Indian Society for Parasitology and Department of Zoology, **Punjab University, Chandigarh**, India 14-16 November 2009.
- 6<sup>th</sup> JK Science Congress, held from 2-4 December, 2010 Organized by **University of Kashmir**, Srinagar in Collaboration with JK State Council for Science and Technology and Department of Science and Technology, Govt. of India.
- Workshop on Sustainable Utilization of Medicinal and Aromatic Plants of Kashmir Himalaya in Regional Development, Organized by Department of Botany, **University of Kashmir**, Srinagar, held from 15 October, 2011.
- 3<sup>rd</sup> International conference on Medicinal Plants and Herbal Products Organized by Faculty of Medicine and the Institute of Indigenous Medicine. **University of Colombo, Sri Lanka**. In Collaboration with the Sri Venkateswara University, Tirupati, India 19-21 December 2011.
- The American Society for Microbiology virtual workshop on Scientific Writing and publishing. Held at **University of Kashmir**, Srinagar in Collaboration with American Society for Microbiology, on 23<sup>rd</sup> July 2012.
- 8<sup>th</sup> JK Science Congress, held from 17<sup>th</sup>-19<sup>th</sup> September, 2012 Organized by **University of Kashmir**, Srinagar in Collaboration with JK State Council for Science and Technology and Department of Science and Technology, Govt. of India.
- National Seminar on Science for shaping the Future of India Faunal Diversity Challenges and Opportunities on 19<sup>th</sup> – 21<sup>st</sup> November, 2012 Organized by Department of Zoology, **University of Kashmir**, Srinagar.
- National Conference on Role of Biotechnology in Conservation and sustainable Use of Medicinal Plants, organized by **The Institute of Science, Mumbai** held from 14<sup>th</sup> & 15<sup>th</sup> December, 2012.
- 9<sup>th</sup> JK Science Congress and Regional Science Congress, held from 1<sup>st</sup> – 3<sup>rd</sup> October, 2013 Organized by **University of Kashmir**, Srinagar in Collaboration with JK State Council for Science and Technology and Department of Science and Technology, Govt. of India.
- National Conference on Status and Conservation of Biodiversity in India with Special Reference to Himalaya (October 4-5, 2013) organized by **Centre of Research for Development, University of Kashmir**, Srinagar -190 006 Jammu and Kashmir, India.
- International Conference on Cellular and Molecular mechanisms of Disease Processes Organized by **Department of Biotechnology, University of Kashmir**, Srinagar from 13<sup>th</sup> – 16<sup>th</sup> April, 2014.
- Global Conference on Unani Medicine: Emerging Trends and Future Prospective organized by Directorate General of Indian Systems of Medicine, Govt. of Jammu and Kashmir held on 12-13 October 2015.
- 11<sup>th</sup> JK Science Congress, held from 12 – 14<sup>th</sup> October, 2015 Organized by **University of Kashmir**, Srinagar in Collaboration with JK State Council for Science and Technology and Department of Science and Technology, Govt. of India.
- Plant Taxonomy: Principles and practices held from 27 – 29<sup>th</sup> March, 2017 Organized by Centre for Biodiversity and Taxonomy, Department of Botany **University of Kashmir**, in Collaboration with Botanical Survey of India Ministry of Environment, Forest and Climate Change, Govt. of India.

Research-related skills	• Taxonomy, Histology, Histopathology, Protozoology , ELISA, Western Blotting,
Computer skills	Good command of Microsoft Office™ tools, Internet related work, Familiar on working with different presentation and formatting tools/software. Also command on SPSS and other Statistical softwares.
Refresher Course	<b>Three weeks Refresher Course in Bio-Science (ID)</b> Organized by <b>UGC-Human Resource Development Centre, University of Kashmir, Srinagar</b> from 15 <sup>th</sup> May, 2017 to 30 <sup>th</sup> June 2017 and obtained grade <b>(A)</b> .

#### ADDITIONAL INFORMATION

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#### References

- 1. Dr. M. Z. Chishti, PhD**  
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- 2. Dr. Fayaz Ahamd Bhat, PhD**  
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- 3. Prof. Azra N. Kamili, PhD**  
Professor/Dean  
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- 4. Dr. Bashir A. Ganai, PhD**  
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