
C U R R I C U L U M V I T A E

UMMER RASHID ZARGAR

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Education

- **Post-Doc 2016-2019**, Faculty of Animal Sciences, Central University of Kashmir (Sponsored by Department of Science and Technology, Govt. of India)
- **PhD 2010-2013, Zoology**, Faculty of Biological Sciences, University of Kashmir, Srinagar, Jammu & Kashmir India.
- **State Eligibility Test (SET) 2013**, Life Science
- **MPhil 2008-2010, Zoology**, Faculty of Biological Sciences, University of Kashmir, Srinagar, Jammu & Kashmir India.
- **B Ed 2008, Education**, Department of Education, University of Kashmir, Srinagar, Jammu & Kashmir, India.
- **MSc 2005-2007, Zoology**, Faculty of Biological Science, University of Kashmir, Srinagar, Jammu & Kashmir India.
- **Research Trainee. 2004**, Animal Biology. University of Wisconsin, Madison, USA.
- **BSc 1999-2002, Biology**, University of Kashmir, Srinagar, Jammu & Kashmir, India.

Major Project Implemented

- **Start Up Research Grant (Young Scientists): 2015-2019, Life Sciences** (Evaluating the impact of pollutants, disease and fish nutrition on threatened Schizothoracine fishes of North West Himalaya (Teleostei: Cyprinidae) by using integrative Biomarker-GIS approach); YSS/2014/000845; Department of Science and Technology, Government of India; **Host Institute**: Central University of Kashmir, Srinagar, India.

Total Cost of Project: INR 3100000

**Awards/
Gold Medals/
Fellowships**

- **Awarded Augmenting Writing Skills for Articulating Research (AWSAR) Award from DST for 2018**
- **Awarded Young Scientist Travel Grant**, 2017, from the Department of Science and Technology, Government of India, to present a paper at 26th WAAVP, Kuala Lumpur (4th-8th September, 2017).
- **Emerging Young Scientist Gold Medal” award**, 2017, from Indian Academy of Environmental Sciences at Chennai.
- **Young Scientist Fast Track Fellowship under Life Sciences Category**, 2015, from Science and Engineering Research Board, Department of Science and Technology, (SERB-DST), Government of India, New Delhi.
- **Awarded membership as Honorary Fellow (FIAES)**, 2013, Indian Academy of Environmental Science.
- **Awarded Lt. Prof. Sohan Lal Young Scientist Gold Medal**, 2012, Allahabad University, Uttar Pradesh.
- **Awarded Young Scientist Travel Grant** 2011, from Department of Science and Technology, Government of India, to present a paper at 23th WAAVP, at

Buenos Aires, Argentina, South America.

- **Trainee fellowship**, 2004, from Eutheria Foundation, Cross Plains, Wisconsin, USA, for research training in animal biology at the University of Wisconsin, Madison, USA.

PUBLICATIONS

1. Shahnaza Akhter, Mohmmad Irshad Rather, **Ummer Rashid Zargar** (2023). Understanding the Food Waste Behaviour in University Students: An Application of the Theory of Planned Behaviour. **Journal of Cleaner Production (Accepted on 5th Jan., 2024) (IF= 11.1)**
2. Zargar, U.R., Khanday, S.A., Rather, M.I. et al. Accelerated eutrophication alters fish and aquatic health: a quantitative assessment by using integrative multimarker, hydrochemical, and GIS modelling method in an urban lake. *Environ Monit Assess* 196, 40 (2024). <https://doi.org/10.1007/s10661-023-12213-6> (IF= 3)
3. Beg, Mohd A., Md A. Beg, **Ummer R. Zargar**, Ishfaq A. Sheikh, Osama S. Bajouh, Adel M. Abuzenadah, and Mohd Rehan. 2022. "Organotin Antifouling Compounds and Sex-Steroid Nuclear Receptor Perturbation: Some Structural Insights" *Toxics* 11, no. 1: 25 <https://doi.org/10.3390/toxics11010025> (IF= 4.6)
4. Rehan, Mohd, **Ummer R. Zargar**, Ishfaq A. Sheikh, Saif A. Alharthy, Majed N. Almashjary, Adel M. Abuzenadah, and Mohd A. Beg. 2022. "Potential Disruption of Systemic Hormone Transport by Tobacco Alkaloids Using Computational Approaches" *Toxics* 10, no. 12: 727. <https://doi.org/10.3390/toxics10120727> (IF= 4.6)
5. **Zargar, U.R.**, Chishti, M.Z., Rather, M.I. et al. Parasites as Emerging Biomonitoring Tools-Promises and Pitfalls. *Proc. Natl. Acad. Sci., India, Sect. B Biol. Sci.* 92, 731–739 (2022). <https://doi.org/10.1007/s40011-022-01406-7> (IF=1.74)
6. **U.R. Zargar**, M.I. Rather (2022) Emerging Issues of Climate Change. Global Perspective, Ecosystem, and Healthy. *Environmental Studies and Climate Change*. CRC Press <https://www.taylorfrancis.com/chapters/edit/10.1201/9781003220824-16/emerging-issues-climate-change-zargar-rather>
7. Hassan, N., Randhawa, C.S. & **Zargar, U.R.** Evaluating the hemato-biochemical indices in relation to the different etiologies of chronic diarrhea in dairy cattle and buffalo. *Comp Clin Pathol* 31, 585–595 (2022) (IF=1.2)
8. Rather, M. I., Yousuf, A. R., & **Zargar, U. R.** (2020). Deweeding as a lake management intervention- A critical analysis. *J. Himalayan Ecol. Sustain. Dev.*, 15, 6–14.
9. Dar, J. S., Ganai, B. A., Shahardar, R. A., & **Zargar, U. R.** (2019). Molecular Characterization and Immunodiagnostic Potential of Various Antigenic Proteins of *Fasciola Gigantica* Species Isolated from Sheep of North West Himalayan Region. *Helminthologia*, 56(2), 93–107. <https://doi.org/10.2478/helm-2019-0003Amin>
10. O.A., Heckmann, R.A. and **Zargar, U.R.** (2018). Description of *Acanthogyryrus* (*Acanthosentis*) *kashmirensis* n. sp. *Acanthocephala: Quadrigyridae* from kashmir, with notes on metal analysis and histopathology, and a key to species from the indian subcontinent. **Journal of Parasitology**, 103, 458–470. **IF=1.5**
10. **Zargar, U.R. and Chishti, M.Z.** (2018) Parasites Can Be Useful Too! **Science**

- Reporter.** 3, 48-50
11. **Zargar, U.R.** (2017) Parasites As Emerging Bio-monitoring Tools. **Everyman's Science**. Vol. LII No. 4, 256-261
 12. **Zargar, U.R.**, Chishti, M.Z., Rather, M.I., Rehman, M. and Zargar, N. (2017). Biomonitoring potential of Caryophyllaeid tapeworm: evaluation of *Adenoscolex oreini* infection level and health status in three fish species of the genus *Schizothorax* across eutrophication and pollution gradients. **Ecological Indicators** 81, 503–513. **IF=4.5**
 13. ZARGAR UR, CHISHTI MZ, RATHER MI, KHANDAY SA. Infection dynamics of Caryophyllaeid tapeworm, *Adenoscolex oreini* Fotedar, 1958 and impacts of intra-lake pollution gradient on intermediate host (copepods) and health attributes of *Schizothorax* spp. *Parasitology Open*. 2017;3:e6. doi:10.1017/pao.2017.6
 14. **Zargar, U.R.** and Chishti, M.Z. (2017). A note on Environmental Parasitology: A new trend is brewing. **Journal of Biological Sciences**, 31, 255–260
 15. Ubaid-ullah, S., Zargar, M.A., Qureshi, S.H., Maswal, M. and Parray, J.A. and **Zargar, U.R.** (2016). Protein Folding, Denaturation and Stability: A Brief Introduction. **Journal of Practical Biochemistry and Biophysics**. 1, 99–110.
 16. Hassan, K., Yousuf, A.R., **Zargar, U.R.**, Jamila, I. and Rehman, M. (2014). Distributional Pattern of Macro Invertebrates across River Jhelum in Kashmir Valley **International Journal of Fisheries and Aquatic Studies** 1, 113–120.
 17. **Zargar, U.R.**, Chishti, M.Z., Ahmed, F. and Rather, M.I. (2015). Does alteration in biodiversity really affect disease outcome?-A debate is brewing. **Saudi Journal of Biological Sciences** 1, 14–18 **IF=4.4**
 18. Tantry, M.A., Ghazanfar, K and Zargar, U.R. (2014). New alkylated benzoquinone from *Iris nepalensis*. **Natural Product Research** 23, 1832-1836. **IF=2.2**
 19. **Zargar, U.R.**, Chishti, M.Z. and Ahmed, F. (2013). Species spectrum, diversity profile and infection indices of helminth parasite fauna of Chirruh Snowtrout, *Schizothorax esocinus* (Heckel) in lake ecosystems of Kashmir Himalayas-Do similarity and host-parasite associations arise? **Veterinary Research Communication** 37, 197–207. **IF=1.7**
 20. **Zargar, U.R.**, Chishti, M.Z. and Tantray, M. (2013). Parasites with multiple roles. *Proceedings of the National Academy of Sciences, India Section B: Biological Sciences* 85, 27–34. **IF=0.396**.
 21. Rather, M.I., Yousuf, A.R., Meraj, N., **Zargar, U.R.**, Khanday, S.A., Mustaq, B., Yaseen, T. and Shah, I.Y. (2013). Understanding the Cause of Fish Kill in Nigeen Lake. **Journal of Research & Development**. 13, 20–32.
 22. **Zargar, U.R.**, Yousuf, A.R., Chishti, M.Z. and Ahmed, F. (2012). Infection level of monogenean gill parasites, *Diplozoon kashmirensis* (Monogenea, Polyopisthocotylea) in Crucian Carp, *Carassius carassius* from lake ecosystems of altered water quality: What factors do have an impact on Diplozoon infection? **Veterinary Parasitology** 189, 218–226. **IF= 2.6**.
 23. **Zargar, U.R.**, Chishti, M.Z., Yousufa, A.R. and Ahmed, F. (2012). Infection level of the Asian tapeworm (*Bothriocephalus acheilognathi*) in the cyprinid fish,

- Schizothorax niger*, from Anchar Lake, relative to season, sex, length and condition factor. **Parasitology Research** 110, 427–435. **IF=2.85**
24. **Zargar, U.R.**, Yousuf, A.R., Chishti, M.Z., Ahmed, F., Bashir, H. and Ahmed, F. (2012). Effects of water quality and trophic status on helminth infections in the cyprinid fish, *Schizothorax niger* Heckel, 1838 from three lakes in the Kashmir Himalayas. **Journal of Helminthology** 86, 70–76. **IF=1.54**
25. **Zargar, U.R.**, Yousuf, A.R., Mushtaq, B. and Jan, D. (2012) Length–Weight Relationship of the Crucian carp, *Carassius carassius* in Relation to Water Quality, Sex and Season in Some Lentic Water Bodies of Kashmir Himalayas. **Turkish Journal of Fisheries and Aquatic Sciences** 12, 495–501. **IF=0.76**
26. Amin, O.M., Heckmann, R.A., **Zargar, U.R.**, Chishti, M.Z. and El-Naggar, A.M. (2012). The morphology of the long forgotten *Pomphorhynchus kashmirensis* (Acanthocephala: Pomphorhynchidae) from freshwater fish in Kashmir using SE with notes on histopathology. **Scientia Parasitologica** 13, 93–99. **IF=1.2**
27. Wani, S.A., **Zargar, U.R.**, Dar, G.A. and Bhat, G.A. (2012). Biological Control Agents of *Lepisma saccharina* (common silverfish). **Journal of Research & Development** 12, 133–142.
28. Ganai, F.A., Yousuf, A.R., Tripathi, N.K. and **Zargar, U.R.** (2011). On the chromosomes of two Cyprinid Fishes of the Subfamily Schizothoracinae from Kashmir. **Nature and Science** 9, 53–61.
29. Maraj, M., Ali, N. and **Zargar, U.R.** (2010). Antimutagenic properties of *Mentha piperita* extract against ethyl methane sulphonate induced mutagenicity in *Mus musculus*. **International Journal of Pharmaceutical Sciences Review and Research** 5, 63–66.
30. Mushtaq, B., Raina, R., Yousuf, A.R., Wanganeo, A. and **Rashid, U.R.** (2012). Effect of Dredging on the Macrozoobenthos of Hazratbal Basin in the Dal Lake Srinagar Kashmir, India. **Jordan Journal of Biological Sciences** 6, 45–50. **IF=1.0**

Name of Conferences/Seminars Organized

- Organized 1-Day Seminar on the theme ‘From Innovation to Start Up’ on 1st Nov. 2023 in collaboration with incubation and entrepreneurship cell SKAUST-K.
- Organized 1-Day Seminar on ‘Birds of Kashmir Himalaya’ on 31st October
- Organized & Coordinated 2-days National Conference at Govt Degree College Anantnag (2nd-3rd November, 2022) on the theme ‘Science Popularization and Extension’ sponsored by JK Science Technology & Innovation Council, Department of Science & Technology, J&K (UT).
- Organized ‘Wild Life Week’ (3rd Oct.-7th Oct. 2022) in collaboration with Department of Wildlife, South Kashmir
- Organized Summer Outreach Programme-2022 in the Govt. Degree College Anantnag in collaboration with JK Scientists Group.
- Organized General Environmental Awareness, Anti Plastic Drives and other environmental outreach programmes from Nov. 2022-Oct. 2023.
- Organized various Science Webinars during Covid-19 national lockdown.

Books

- **Zargar UR & Rather MI (2023) Ecological Indicators in Aquatic Ecosystems: Emerging trends and future indices. Routledge, Taylor & Francis Group (Accepted)**
- **Zargar, U.R. and Rather, M.I. (2017) Environmental Issues–Awareness, Concerns and Management. Narendra Publishing House, New Delhi. ISBN: 978-93-8 6110-**

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- **Zargar, U.R. (2017) Environmental Parasitology (*Parasites as Emerging Biological Indicators*)**. Narendra Publishing House, New Delhi ISBN: 79881764 80853

Book Chapter

Zargar, UR and Rather, MI (2022). Emerging Issues of Climate Change Global Perspective, Ecosystem, and Health. In Environmental Studies and Climate Change R C Sobti, Sandeep K. Malhotra, Kamal Jaiswal, Sanjeev Puri. CRC Press

Zargar, U.R. and Chishti, M.Z. (2014) Can we convince veterinarians about positive aspects of parasites? Pp. 59–64 In : Neelima Gupta and D.K. Gupta (ed.) **Modern Parasitology**, Narendra Publishing House, Delhi, India.

Zargar, U.R., Yousuf, A.R., Chishti, M.Z. and Ahmad, F. (2013). Water quality and some biometric aspects of endemic cyprinid fish (*Schizothorax curvifrons*) in two urban lakes of Kashmir valley. Pp. 269-276. In: M.A. Khan (ed.), **Environmental Management and Sustainable Agriculture-Hill Region Agro-ecosystems**. APH Publ.Corp. New Delhi.

Award Winning Science Popular Article

Ummer Rashid Zargar (2018) “Fish-Parasite Sentinel System-An Emerging Integrated Biomonitoring Tool in the Offing” AWSAR AWARD 2018. https://www.awsar-dst.in/2019/assets/winner_article_2018/12_PDF1.pdf

Special Documentary

Acted as an expert in the documentary titled ‘A Fish on the Death Bed’.
<https://www.youtube.com/watch?v=9c14x59tMdl>

E-Content

Zargar, U.R. (2016) Chromosomal Mutations. National Mission of Education through information communication Technology (NME-ICT).

Expert Reviewer for MOOC

Completed the assignment as Expert Reviewer for MOOC titled “Human Population Genetics’ & ‘Human Genetics’ by EMMRC, Kashmir University under order No. EMMRC/551/MOOC/KU/22 Dt. 2/10/2022

Expert Panelist/Expert Lecture

- **July, 19th, 2018**. Delivered a lecture on the topic entitled “Intellectual Property Rights: Patent Oriented Research” at FVSc & AH, SKUAST-Kashmir during two day seminar on “Research Practices and Applications in Biological Sciences: where we stand?”
- **March, 23, 2018**. Resource person in the workshop at the Islamia College of Science and Commerce on “Relevance of Information Technology in Teaching Learning Process”
- **December, 10, 2017**. Participated in panel discussion on “Career counselling in Jammu and Kashmir” on Doordarshan Television live program ‘Tele Class Room.

International Collaborative Projects

1. Title: Insights into the molecular interactions of commonly used insecticide imidacloprid and its metabolites against human estrogen and progesterone receptors
Grant code: IFPIP: 293-141-1442 Dates: 2021
Investigators: Beg MA (PI), Sheikh IA (Co-I), **Zargar UR (Co-I)**, Beg MA (Co-I)
Agency: Institutional Funding Program for Research and Development, King Abdulaziz University, Jeddah, Kingdom of Saudi Arabia.

2. Title: Androgen receptor disruption potential of commonly used neonicotinoid insecticides. Grant code: IFPIP: 282-141-1442

Investigators: Beg MA (PI), Sheikh IA (Co-I), **Zargar UR (Co-I)**, Beg MA (Co-I), Ahmad W (Co-I).

Investigators: Beg MA (PI), Sheikh IA (Co-I), **Zargar UR (Co-I)**, Beg MA (Co-I) Agency: Institutional Funding Program for Research and Development, King Abdulaziz University, Jeddah, Kingdom of Saudi Arabia.

Research and Teaching Experience

1. **2015-2017** Principal Investigator of DST-SERB Govt of India (Major Project)

2. **2016-2019** Teaching at University level at Central University of Kashmir

3. **2010-2012** Worked on terrestrial and aquatic ecology, with special reference to fauna as Research Associate in the following consultancy projects under coordinatorship of Professor A. R.Yousuf.

- EIA/EMP of Gulmarg Development Area, sponsored by GDA, J&K Government (2011-2012).
- EIA/EMP of Pahalgam Development Area, sponsored by PDA, J&K Govt. (2010-2011).
- Consultancy Project on Impact of Kishenganga HEP on Fisheries Resources, sponsored by WAPCOS/MOWR, GOI (2010 – 2011).

7. **2004.** Research experience in reproductive biology research at the Department of Animal and Biomedical Sciences, the UW Madison, USA (J1 Scholarship) (1 year).

Conferences

International

- September 4–8, 2017, Kuala Lumpur 26th International Conference of the World Association for the Advancement of Veterinary Parasitology (WAAVP; lecture).
- April 13–16, 2014, attended the International Conference on Cellular and Molecular Mechanisms of Diseases Processes at Department of Biotechnology, university of Kashmir (Lecture and poster).
- December 3–4, 2012, participated in the international conference on Recent Trends in Climate Change researches vis-à-vis Biodiversity held at MJP Rohilkhand University, Bareilly (plenary lecture and poster).
- August 21–27, 2011, attended 23rd WAAVP Congress at Buenos Aires from with the broad theme “Towards Good Management Practices in Parasite Control” (poster)

National

- May 10-13 2017, attended 2nd J&K Medical Science Congress 2017
- May 10-13 2017, attended 1st Annual Conference of Metabolic syndrome- Prediabetes- Polycystic ovary syndrome (MP PCOS) Society
- April 10-11 2017, attended National Conference on Biotechnology and Environment (NCOBE2017) (1 paper, oral)
- January 2–7 2015, attended 102nd Indian Science Congress held at Mumbai

Central University (1 paper)

- October, 4–5 2013, attended the National Conference on “Status and Conservation of Biodiversity in India with special reference to Himalaya”.
- September, 17–19 2012, participated in the 8th JK Science Congress held at University of Kashmir (1 oral)

Workshops

- April 2-4 2015, attended 3 day lecture workshop on “Mathematical Modeling on Biological Systems” conducted by Department of Mathematics, University of Kashmir
- May 8–10 2014, attended Science Academies’ Lecture Workshop on Himalayan Biodiversity and Bio-resources: Mapping, Utilization and Conservation from May 8-10, 2014 Department of Botany, University of Kashmir, and Srinagar.
- February 20-21 2014, attended 2 day workshop on “Data Analysis using SPSS” conducted by P.G. Department of Computer Sciences, University of Kashmir in collaboration with SPSS South Asia India Ltd.
- December 3–5 2013, attended National Workshop on Biomolecular Parasitology and Resource Sustainability (BPRS-2013) at Allahabad (2 papers)
- November 5–7 2012, attended National Workshop on Capacity Building in Disease Control & Sustenance & Mini Symposium on Parasitic Diseases at Allahabad Central University (2 paper).
- March 14-16 2011, attended National Workshop on “*Research Methods and Statistical Techniques*” 14-16 March 2011, Department of Library and Information Science, University of Kashmir, collaboration, Academic Staff College (University of Kashmir).

Recent Conference/ Symposium/Facult y Dev. Programmes Attended

- Participated in the Symposium titled ‘Genomics Towards Better Health’ held at University of Kashmir on September 22-23, 2023.
- Attended 5-Days workshop on Science-Policy-Society interface under Science Social Responsibility (SSR) from 5-9th Dec., 2022 at University of Kashmir on September 22-23, 2023.

Recent Invited Lectures/Talks Delivered

- **20th Feb., 2023.** Delivered a talk/lecture on the theme ‘Global Health Challenges and the G20’s Role’ organized by Department of Higher Education, J&K (UT).
- **20th March, 2023.** Delivered a talk/lecture on ‘Emerging Monitoring/Biomonitoring Approaches for Assessing Environmental Health of Urban Lakes: Are we on track? On the eve of -Day National Seminar cum Workshop (20th March, 2023) conducted by HKM GDC Eidgah and Science, Technology and Innovation Council (J&K Govt.)
- **3rd Oct., 2023.** Delivered a talk/lecture on the eve of 1-Day Programme on Presidency of G-20’ and Teachers Day’ organized by Akashvani Srinagar and GDC Anantnag.
- **5th January, 2024.** Delivered a talk/lecture on the theme ‘Youth & Dream of ViksitBharat@2047’ organized by SP College, Srinagar.
- **21st Nov., 2023.** Delivered a talk/lecture on ‘Drug De-Addiction’ organized by

District Police Anantnag under Civic Action Programme-2023.

Popular Science Articles

1. **Ummer Rashid Zargar** (21st November, 2022). Inculcating love for science and innovation in colleges. Greater Kashmir. <https://www.greaterkashmir.com/todays-paper/op-ed/inculcating-love-for-science-and-innovation-in-colleges/>
2. **Ummer Rashid Zargar** (11th May, 2021). COVID19 Appropriate Behaviour: Why we failed to adopt it?. Greater Kashmir. <https://www.greaterkashmir.com/todays-paper/covid19-appropriate-behaviour-why-we-failed-to-adopt-it/>
3. **Ummer Rashid Zargar** (9th February, 2021). Revamping our Health Sector: Planning for Future. Greater Kashmir. <https://www.greaterkashmir.com/todays-paper/op-ed/revamping-our-health-sector-planning-for-future/>
4. **Ummer Rashid Zargar** (20th December, 2020). Why Colleges need to revamp their Alumni Association?. Greater Kashmir. <https://www.greaterkashmir.com/todays-paper/why-colleges-need-to-revamp-their-alumni-association/>
5. **Ummer Rashid Zargar** (28th October, 2020). Bias, overconfidence and politics. Greater Kashmir. <https://www.greaterkashmir.com/todays-paper/bias-overconfidence-and-politics/>
6. **Ummer Rashid Zargar** (14th October, 2020). A broken planet. Greater Kashmir. <https://www.greaterkashmir.com/todays-paper/a-broken-planet/>
7. **Ummer Rashid Zargar** (18th August, 2020). Race for Vaccine Production- Why rush through ? Greater Kashmir <https://www.greaterkashmir.com/todays-paper/op-ed/race-for-vaccine-production-why-rush-through/>
8. **Ummer Rashid Zargar** (5th August, 2020). Major issues faced by research scholars. Greater Kashmir. <https://www.greaterkashmir.com/todays-paper/op-ed/major-issues-faced-by-research-scholars/>
9. **Ummer Rashid Zargar** (19th July, 2020). Locust Invasion: Ready to Face?. Greater Kashmir. <https://www.greaterkashmir.com/todays-paper/locust-invasion-ready-to-face/>
10. **Ummer Rashid Zargar** (7th July, 2020). Please wash your hands. Greater Kashmir. <https://www.greaterkashmir.com/todays-paper/please-wash-your-hands/>
11. **Ummer Rashid Zargar** (9th April, 2020). A Major Threat to Global Health. Greater Kashmir. <https://www.greaterkashmir.com/todays-paper/a-major-threat-to-global-health/>
12. **Ummer Rashid Zargar** (27th July, 2019). Steps for Wining a Research Grant. Greater Kashmir. <https://www.greaterkashmir.com/todays-paper/steps-for-wining-a-research-grant/>
13. **Ummer Rashid Zargar** (8th July, 2019). Co-management of fish resource: Prospects and Feasibility. Greater Kashmir. <https://www.greaterkashmir.com/todays-paper/co-management-of-fish-resource-prospects-and-feasibility/>
14. **Ummer Rashid Zargar** (24th May, 2019). Rethinking Biodiversity Conservation. Greater Kashmir. <https://www.greaterkashmir.com/todays-paper/rethinking-biodiversity-conservation/>
15. **Ummer Rashid Zargar** (11th May, 2019). Climate change modulates the disease occurrence. <https://www.greaterkashmir.com/todays-paper/climate-change-modulates-the-disease-occurrence/>
16. **Ummer Rashid Zargar** (3rd January, 2019). Science is not a subject, it's passion" it's attitude. Do we have that passion in us? Greater Kashmir <https://www.greaterkashmir.com/todays-paper/op-ed/science-is-not-a-subject-its-passion-its-attitude-do-we-have-that-passion-in-us/>
17. **Ummer Rashid Zargar** (26th November, 2018). Use of IT in Biological Science. Greater Kashmir <https://www.greaterkashmir.com/todays-paper/op-ed/use-of-it-in-biological-science/>

18. **Ummer Rashid Zargar** (17th November, 2018). Animal Research and Ethics. <https://www.greaterkashmir.com/todays-paper/op-ed/animal-research-and-ethics/>
19. **Ummer Rashid Zargar** (7th August, 2018). Modern Science and Ethics. **Greater Kashmir** <https://www.greaterkashmir.com/todays-paper/op-ed/modern-science-and-ethics/>
20. From Paper to Patent. <https://www.greaterkashmir.com/news/opinion/from-paper-to-patent/294003.html>
21. **Ummer Rashid Zargar** (9th July, 2018). AI in Education-Boon or Bane. **Greater Kashmir**. <https://www.greaterkashmir.com/todays-paper/op-ed/ai-in-education-boon-or-bane/>
22. **Ummer Rashid Zargar** (21st May, 2018). Thinking Innovative Education. **Greater Kashmir**. <https://www.greaterkashmir.com/todays-paper/thinking-innovative-education/>
23. **Ummer Rashid Zargar** (25th April, 2018). Rise of Black Spot Disease. **Greater Kashmir**. <https://www.greaterkashmir.com/todays-paper/rise-of-black-spot-disease/>
24. **Ummer Rashid Zargar** (9th March, 2018). Ailing native fish needs robust conservation policy. **Greater Kashmir**. <https://www.greaterkashmir.com/todays-paper/ailing-native-fish-needs-robust-conservation-policy/>
25. **Ummer Rashid Zargar** (14th February, 2018). Parasites: Tiny Bio-monitoring Tools in the Offing. **Greater Kashmir**. <https://www.greaterkashmir.com/todays-paper/op-ed/parasites-tiny-bio-monitoring-tools-in-the-offing/>
26. **Ummer Rashid Zargar** (7th February, 2018). Think Beyond Polio Eradication. **Greater Kashmir**. <https://www.greaterkashmir.com/todays-paper/think-beyond-polio-eradication/>
27. **Ummer Rashid Zargar** (20th August, 2018). Popularization of science – A way forward for better. **Greater Kashmir**. <https://www.greaterkashmir.com/news/opinion/popularization-of-science-a-way-forward-for-better-future/288408.html>
28. AI in Education-Boon or Bane. <https://www.greaterkashmir.com/news/opinion/ai-in-education-boon-or-bane/289985.html>

1. **Zargar, U.R.** (Greater Kashmir, 11th May, 2018). Climate change modulates the disease occurrence. <http://m.greaterkashmir.com/news/284762-story.html>

2. **Zargar, U.R.** (Greater Kashmir, 14th April, 2018). Rise of Black Spot Disease. <http://m.greaterkashmir.com/news/284762-story.html>

3. **Zargar, U.R.** (Greater Kashmir, 9th March, 2018). Ailing native fish needs robust conservation policy. <http://m.greaterkashmir.com/news/opinion/ailing-native-fish-needs-robust-conservation-policy/278093.html>

4. **Zargar, U.R.** (Greater Kashmir, 14th February, 2018). Parasites: Tiny Bio-monitoring Tools in the Offing. <http://m.greaterkashmir.com/news/opinion/parasites-tiny-bio-monitoring-tools-in-the-offing/275662.html>

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Resource Person **22 March, 2018.** Presented my lecture titled 'Role of Information Technology for improving educational skills at college and university level' at Islamia College

EXPERT **1. December, 10, 2017. Participated in panel discussion on "Career counselling in Jammu and Kashmir" on Doordarshan Television live program "Tele Class Room."**

PANELIST