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Current Address:

Eidgah Mohalla, Chandgam,
Pulwama, Kashmir (J&K),
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Personal Data:

Gender: Male

Nationality: Indian

Marital Status: Married

D.O.B. : 03-03-1988

References:

1. Dr. Shafiq-ur-Rehman,
Ex. Professor and Head,
Division of Environmental
Sciences, SKUAST-K
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2. Dr. Rinku Verma,
Assistant Professor,
Department of Agricultural
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Career Objective

To work with an institution that provides me an opportunity to grow and to utilize my potential to help the institution in the accomplishment of its goals.

Current Status

Assistant Professor in the Discipline of **Environmental Sciences**, at Government Degree College Pulwama, Jammu and Kashmir, India 192301.

Achievements and Education

- Recipient of Dr. Mumtaz Ahmad Khan **Gold Medal**.
- Recipient of Sri Bhushan Memorial **Gold Medal**.
- Recipient of Late Sri N. Rama Rao Endowment (**Highest Cash Prize**) at 48th annual convocation of Bangalore University (2013).
- Recipient of **Ph.D. Merit Certificate (87.0 %)** from SKUAST-K.
- **First Rank** holder in M. Sc. (Environmental Science) Bangalore University Bangalore, Karnataka, India (2012).
- Qualified **Twice UGC-NET** in the discipline of Environmental Sciences conducted by UGC (December 2011 & June 2012).
- Qualified **Twice JK-SET** (2013 & 2016) in the discipline of Environmental Science conducted by University of Kashmir.
- Qualified **ICAR-NET-2014 (II)** in the discipline of Environmental Sciences conducted by Agricultural Scientists Recruitment Board.
- Awarded with **INSPIRE** Merit Junior Research Fellowship (**JRF**) by Ministry of Science and Technology (Government of India) for Doctoral Programme in July 2013.
- Upgraded from **INSPIRE** Junior Research Fellow (JRF) to **INSPIRE** Senior Research Fellow (**SRF**) in June 2015.
- Selected for Jawaharlal Nehru Memorial Fund (**JLNMF**) GoI for doctoral Studies 2014.
- **Young Scientist Award** at International Conference on Multidisciplinary Research and Latest Innovation organized by Gurukul Institute of Engineering and Technology, Kota, India, 28 October 2018.
- Post Graduate Diploma in Disaster Management (**PGDDM**) from Indira Gandhi National Open University (2014).
- Doctorate of Environmental Sciences from Sher-e-Kashmir University of Agricultural Sciences & Technology of Kashmir-India (**OGPA= 8.7/10**) in the year 2017.
- **Title of Ph.D. Thesis:** "Environmental Exposure and Hazards of Trace Elements in River Jhelum of Kashmir Valley".
- **Title of M. Sc. Dissertation:** Ground and surface water quality status in and around rain-fed Sankey tank and sewage-fed Malathalli lake in Bangalore North Taluk, Bangalore urban district: (A comparative study)

Conferences, Seminars and Workshops	Certificates
	<ul style="list-style-type: none"> • Presented a Poster in Two Day National Seminar on “Scientific Temper: Nurturing for Future” organized by the Department of Biotechnology and Bioinformatics, Sri Pratap College campus, Cluster University Srinagar on 27-28 November 2018. • Presented a Paper in National Conference on Climate change and Human health: Issues, concerns and Opportunities” organized by the Department of Zoology and Environmental Sciences, Govt. Degree College, Bijbehara, J&K on 08-09 October 2018. • Presented a poster at One Day National Seminar-2017 on Biodiversity and Climate Change organized by the Department of Environmental Science, Govt. S. A. M. College, Budgam, J&K. on 26th October 2017. • Presented a poster at 5th J&K Women Science Congress (JKWSC-2018) organized by Govt. College for Women, M.A. Road, Srinagar on 27-29 March 2018. • Presented a poster at Climate Change and Its Impact on Himalayan Ecology and Food Security organized by the Division of Environmental Science, SKUAST-K on 13-14 March 2019. • Presented a paper in XI International Conference on Environment, Tourism and Development organized by the Department of Studies in Geography, University of Mysore on 22-24 February 2012. • Presented a paper in 1st International Conference on recent development in Science, Humanities and Management organized by Amar Singh College campus, Cluster University Srinagar, J &K on 17-18 April 2018. • Presented a paper in 10th International Conference on Science, Technology and Management ICSTM-17 organized by (IETE, Bengaluru) Institution of Electronics and Telecommunication Engineers, Ganganagar, Bengaluru, Karnataka, India 19th November 2017. • Presented a paper entitled in 12th International Conference on Recent Trends in Engineering, Science and Management (ICRTESM-17) organized by Institution of Electronics and Tele-Communication Engineers, Osmania University Campus, Hyderabad, India 19th November 2017. • Participated in State Level Symposium on Prospects and Challenges of Domestication and Commercialization of Non-Timber Forest products including Bamboos in J&K, organized by the Centre for medicinal and Aromatic Plants, Faculty of Forestry, SKUAST-K, on 19 -20 March 2015.

Conferences, Seminars and Workshops	Certificates (Cont...)
	<ul style="list-style-type: none"> • Participated in 2-Day National level seminar cum workshop on skill development in biotechnology organized by Department of Biotechnology and Bioinformatics, Sri Pratap College campus, Cluster University Srinagar on 20-21 November 2017. • Participated in 3-Day National level workshop on “Disaster Resilience of Kashmir in the face of Climate Change organized Department of Environmental Sciences, Abdul Ahad Azad Memorial Degree College Bemina, Cluster University Srinagar on 13th, 14th &15th of November, 2017. • Participated in One Day State Level Seminar on Education organized by Department of Education, Bangalore University in collaboration with Students Islamic Organization of India, 19 April 2012. • Participated in National Seminar on Applications of Isotope and Radiation Technology for Societal Benefits organized by Department of Environmental Sciences, Bangalore University Bangalore and Board of Research in Nuclear Sciences, Bhaba Atomic Research Centre, Mumbai, India on 21-23 June 2012. • Participated in the Seminar “Kong Posh-Fight against Counterfeiting and Smuggling” organized by Committee against Smuggling and Counterfeiting Activities Destroying the Economy and Space Communications, J&K on 30th October, 2013. • Participated in three days “Regional Workshop on Research Based Pedagogical Tools” held in the Department of Biotechnology and Bioinformatics, SP College Srinagar organized by Indian Institute of Science education and Research (IISER) Pune (16-18 July 2019). • Attended online National Mini Workshop Cum Webinar on E-Content Development organized by GGM Science College, Jammu on 16 August 2020. • Attended webinar on World entrepreneur’s day organized entrepreneurship development cell, IUUST, J&K. India on 21 08-2020. • Participated in one-day online conference on biodiversity conservation and sustainable future organized by Govt. Degree college Budgam and Govt. Degree College Pulwama J&K on 06-06-2020.

	<ul style="list-style-type: none">• Participated in International webinar on role of finance in environmental sustainability biodiversity conservation and sustainable future organized by Academy of Eco-science on 02 September 2020.• Participated in the online National Webinar titled “A Teacher in the digital age: perspectives and challenges” organized by the Government Degree College Pulwama on 07-09-2020.• Participated in the online National Webinar titled “COVID 19 and its impact on the mental health of students” organized by the Government Degree College Pulwama on 12-09-2020.• Participated in National Level Webinar on Innovation and Entrepreneurial Education Organized by Department of Business Administration Soundarya Institute of Management & Science on 16-09-2020.• Participated in the online National Webinar titled “Importance of Remedial Teaching” organized by the Government Degree College Pulwama on 24-09-2020.• Participated in the online National Webinar titled “Self Reliant India Movement: A Way Forward” organized by Department of Economics in collaboration with Debates and Seminar Committee Govt. Degree College Pulwama on 26-September-2020.• Participated in International Webinar titled “An Approach to Planning and Implementation of climate change adaptation in rural India” organized Academy of Eco Sciences on 30-September-2020.• Participated in International Webinar titled “energy Conservation and environment” organized Academy of Eco Sciences and Power Ledger Australia on 16-October-2020.• Participated in International Webinar titled “COVID 19 lockdown opening and chemical industries” organized national institute of disaster management and DRBSM, Nagpur on 16-September-2020.• Participated in UGC Sponsored Webinar on “MOOCs Development and Delivery” organized UGC, HRDC, university of Kashmir on 30-October-2021.• Coordinated and organized an Online quiz competition on the eve of World Environment Day organized jointly by the Department of Environmental Science and the Department of Geography, GDC, Pulwama on 05-06-2021• Coordinated and organized an Online quiz competition on the eve of World Environment Day organized jointly by the Department of Environmental Science and the Department of Geography, GDC, Pulwama. 05-06-2021• Coordinated and organized and delivered a lecture entitled “Montreal Protocol” on the eve of World Ozone Day (16-09-2021) organized jointly by the Department of Environmental Science and the Department of Geography, GDC, Pulwama.
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	<ul style="list-style-type: none">• Delivered an invited talk on “Applications of RS and GIS in Disaster Management” on the eve of National Disaster Reduction Day (13-10-2021) organized jointly by the Department of Environmental Science and the Department of Geography, GDC, Pulwama.• Delivered an invited talk on “Energy Management, A case Study of GDC Pulwama” on the eve of World Environment Day organized jointly by the Department of Environmental Science and the Department of Geography, GDC, Pulwama on 05-06-2022.• Delivered an invited talk on “Caring for Ozone, caring for Life” on the eve of World Ozone Day organized jointly by the Department of Environmental Science and the Department of Geography, GDC, Pulwama on 16-09-2022.•
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Publications	Published Articles
	<ol style="list-style-type: none"> 1) Ravikumar, P., Mehmood, M. A. and Somashekar, R. K. 2013. Water quality index to determine the surface water quality of Sankey tank and Mallathahalli lake, Bangalore urban district, Karnataka, India, <i>Applied Water Science</i> 03 (1): 247-261. 2) Sherwani, A. Mehmood, M. A. and Alam, K. 2014. Geomorphological analysis of Aralamallige watershed, Bangalore using remote sensing and GIS approach. <i>International Journal of Research Studies in Biosciences</i> 6(2): 38-41 3) Sherwani, A. Mehmood, M. A. and Alam, K. 2014. Runoff estimation of Aralamallige watershed, Bangalore using remote sensing and GIS approach. <i>International Journal of Research Studies in Biosciences</i> 6(3): 23-26. 4) Ravikumar, P., Mehmood, M. A. and Somashekar, R. K. 2015. Interpretation of groundwater quality and radon estimation in the selected region of Bangalore north taluk, Karnataka, India. <i>Research & Reviews: Journal of Ecology and Environmental Sciences</i> 03(2): 73-81. 5) Rashid, A., Shafiq-ur-Rehman, Ahmad, K. and Mehmood, M. A. 2016. Status of lead levels in drinking water and blood of children in Kashmir, India. <i>International Journal of Applied and Pure Science and Agriculture</i> 02(02): 91-99. 6) Haq, S., Ara, S., Geelani, S. M., Bhatti, A. A., Bhat, R. A., Ganie, S. A., Bashir, I., Mehmood, M. A., Dervesh, M. A. and Ahmad, M. A. 2016. Assessment of surface and ground water for irrigational purposes. <i>International Journal of Applied and Pure Science and Agriculture</i> 02(02): 190-194. 7) Showqi, I., Lone, F. A., Ashraf, M., Mehmood, M. A. and Rashid, A. 2016. Biofilters in mitigation of odour pollution-a review. <i>Nature, Environment and Pollution Technology</i> 15(4): 1177-1185. 8) Ganie, S. A., Ara, S., Mehmood, M. A., Aggarwal, S. and Jain, R.K. 2016. Characterization and Evaluation of Datura Stramonium Stalks as an Alternative Non Wood Raw Material for Paper Production using Soda Pulping. <i>International Journal of Engineering Research & Technology</i> 11(05): 194-199. 9) Ganie, S. A., Ara, S., Aggarwal, S., Mehmood, M. A. and Haq, S. 2016. Alkaline Peroxide Pulping of <i>Datura stramonium</i> Stalks- A Renewable Source of Fibres for Pulp and Paper in Kashmir Himalaya. <i>International Journal of Applied and Pure Science and Agriculture</i> 02(11): 74-81.

Publications	Published Articles (Cont...)
	<p>10) Mehmood, M. A., Shafiq-ur-Rehman., Rashid, A., Ganie, S. A., Haq, S. and Sherwani, A. 2016. Impact of September 2014 Floods on Sediment Quality of Himalayan Jhelum River Kashmir. <i>International Journal of Engineering Research & Technology</i> 05(12): 233-243.</p> <p>11) Mehmood, M. A., Shafiq-ur-Rehman., Ganie, S. A., Rashid, A. and Sherwani, A. 2016. Pre and Post Flood Variation in Hydrochemistry of River Jhelum during Kashmir Floods 2014. <i>International Journal of Current Research</i> 08(12): 44051-44060.</p> <p>12) Mehmood, M. A., Shafiq-ur-Rehman., Ganie, S. A., Rashid, A. and Bhat, R. A. 2016. Seasonal and Spatial Assessment of Surface Sediments Collected from River Jhelum of Kashmir valley. <i>Bulletin of Environment, Pharmacology and Life Sciences</i> 06 (01): 43-51.</p> <p>13) Mehmood, M. A., Shafiq-ur-Rehman., Ganie, S. A., Rashid, A. and Bhat, R. A. 2017. Assessment of Heavy Metals in Surface Sediments from River Jhelum of Kashmir Valley, India. <i>Journal of Chemical, Biological and Physical Sciences, Section-D, Environmental Sciences</i> 07(01): 116-132.</p> <p>14) Mehmood, M. A., Shafiq-ur-Rehman., Rashid, A., and Ganie, S. A. 2017. Spatio-Temporal Changes in Water Quality of Jhelum River, Kashmir Himalaya. <i>International Journal of Environment and Bioenergy</i> 12 (01): 01-29.</p> <p>15) Mehmood, M. A., Shafiq-ur-Rehman., Rashid, A., and Ganie, S. A. 2017. Environmental Exposure and Hazards of Arsenic: A Review. <i>International Journal of Engineering Research & Technology</i> 06(04): 23-30.</p> <p>16) Aabid. H. Lone, Mumtaz. A. Ganie, G. R. Najjar and Mehmood, M. A. 2017. Nitrogen Management in Rice through Leaf Colour Chart under Kashmir Conditions. <i>International Journal of Engineering Research & Technology</i> 06(06): 50-54.</p> <p>17) Mehmood, M. A., Shafiq-ur-Rehman., Ganie, S. A., Rashid, A. and Bhat, R. A. 2017. Seasonal and spatial variation in bioaccumulation of heavy metals in two commercial fish species from river Jhelum of Kashmir valley. <i>International Journal of Current Advanced Research</i> 06(07): 4650-4658.</p> <p>19) Gulzar, A., Mehmood, M. A. Bhat, R. A. and Ganie, S. A. 2017. Assessment of ground water quality in Anantnag district of Kashmir Valley (J&K). <i>Asian Journal of Science and Technology</i> 08(09): 5803-5811.</p>

Publications	Published Articles (Cont...)
	<p>20) Gulzar, A., Mehmood, M. A. and Chaudhary, R. 2017. Stream periphyton community: a brief review on ecological Importance and regulation. <i>International Journal of Applied and Pure Science and Agriculture</i> 03(09): 2394-5532.</p> <p>21) Ganie, S. A., Aggarwal. S. and Mehmood, M. A. 2017. Impact of natural dye <i>Nasturtium officinale</i> R.Br.on nonwood paper properties. <i>International Journal of Advance Research in Science and Engineering</i> 6(11): 914-922.</p> <p>22) Bhat, R. A., Rehman, S., Mehmood, M. A., Dervash, M. A., Mushtaq, A., Bhat, J. I. A. and Dar, G. H. 2017. Status of nutrient load in Dal Lake of Kashmir Himalaya. <i>Journal of Pharmacognosy and Phytochemistry</i> 6(6): 165-169.</p> <p>23) Ganie, S. A., Aggarwal. S. and Mehmood, M. A. 2017. Extraction, Application, Chemical Characterization of Natural Dye from <i>Calendula officinalis</i> L. <i>International Journal of Advance Research in Science and Engineering</i> 6(11): 1357-1363.</p> <p>24) Ganie, S. A., Aggarwal. S. and Mehmood, M. A. 2017. Dye yielding potential of <i>Prunus cerasifera</i> var. <i>Atropurpurea</i> in papermaking: A way forward towards Eco friendliness <i>International Journal of Advance Research in Science and Engineering</i> 6(11): 1739-1746.</p> <p>25) Ganie, S. A., Aggarwal. S., Mehmood, M. A. and Bhat, R. A. 2017. Exploration and Feasibility of Non-Wood Herbaceous Weed as a Raw Material for The Production of Alkaline Sulphite Cellulosic Pulp for Paper Making. <i>Asian Journal of Science and Technology</i> 8(11): 6545-6549.</p> <p>26) Bhat, R. A., Dervash, M. A., Mehmood, M. A. and Hakeem, K. R. 2018. Municipal Solid Waste Generation and its Management, A Growing Threat to Fragile Ecosystem in Kashmir Himalaya. <i>American Journal of Environmental Sciences</i> 2(11): 145-167.</p>

Publications	Published Articles (Cont...)
	<p>27) Mehmood, M. A., Ganie, S. A., Bhat, R. A., and Rashid, A. Shafiq-ur-Rehman., Dar, G. H and Gulzar, A. 2018. Assessment of Some Trace Elements and Heavy Metals in river Jhelum of Kashmir Valley. <i>International Journal of Theoretical & Applied Sciences, Special Issue on Environmental-Contaminants-and management effects</i> 10(1): 27-31.</p> <p>28) Showqi, I., Lone, F. A., Mehmood, M. A., Naikoo, M. and Kirmani, N. A. 2018. Assessment of Some Macro Nutrients to Determine the Nutritional Status of Anchar Lake of Kashmir Himalaya. <i>International Journal of Theoretical & Applied Sciences, Special Issue on Environmental-Contaminants-and-Management Effects</i> 10(1): 27-31. <i>Management Effects</i> 9(2): 46-50.</p> <p>29) Rashid, A., Mehmood, M. A., Bhat R. A. and Shafiq-ur-Rehman. 2018. Assessment of Toxic Lead in the drinking water of Kashmir Valley. <i>International Journal of Theoretical & Applied Sciences, Special Issue on Environmental-Contaminants-and-Management Effects</i> 10(1): 32-34.</p> <p>30) Ganie, S. A., Ara, S., Agarwal, S and Mehmood, M. A. 2018. Assessment of Pulp Quality of <i>Datura Stramonium</i> Stalks as Raw Material for the Manufacture of Ecological Packaging. <i>International Journal of Theoretical & Applied Sciences, Special Issue on Environmental-Contaminants-and-Management Effects</i> 10(1): 35-40.</p> <p>31) Rashid, A., Mehmood M. A. and Bhat, R. A. 2018. Environmental Perspectives of Urbanization: A brief review. <i>International Journal of Advanced Research and Development</i> 3(2): 915-920.</p> <p>32) Mehmood M. A., Ganie, S. A. and Qadri, H. 2018. Municipal Solid Waste a Potential Bioenergy Source: A brief review. <i>International Journal of Advance Research in Science and Engineering</i> 7(04): 294-299.</p> <p>33) Gulzar A., Ganie, Mehmood M. A., Ganie, S. A. and Showqi, I. 2018. A Brief Review on Global Warming and Climate Change: Consequences and Mitigation Strategies <i>International Journal of Advance Research in Science and Engineering</i> 7(04): 2146-2156.</p> <p>34) Lone, R. A., Rashid, A., Ahmad, K. and Mehmood M. A. 2018. A comparative study of blood lead levels in children aged 3-12 years with Developmental delay, intellectual disability, cognitive and/or behavioral problems with normal children. <i>International Journal of Current Advanced Research</i> 7(4): 11393-11396.</p> <p>35) Rashid, A. Mehmood, M. A., Qadri, H., Bhat. R. A. and Dar, G. H. 2018. Comparative Water Quality Assessment of a Tropical and a Temperate Lake of India. <i>Journal of Pharmacognosy and Phytochemistry</i> 7(4): 2246-2249.</p>

Publications	Published Articles (Cont...)
	<p>36) Ganie, S. A., Reddy, M. V., Mehmood, M. A., Qadri, H., Bhat. R. A., Rashid, A., Dar, G. H. and Gulzar, A. 2018. Assessment of Essential and Trace Elements in Soil Profiles of Paddy Fields of Southern District of Kashmir Himalaya. <i>International Journal of Engineering Research & Technology</i> 7(5): 599-603.</p> <p>37) Gulzar, A., Gani, N., Mehmood. M. A. and Nabi, Z. 2018. A Brief Review on Climate Change Vis a Vis Solid Waste Management. <i>Journal of Research & Development</i> 18: 43-51.</p> <p>38) Rashid, A., Bhat. R. A., Qadri, H., Mehmood, M. A., and Rehman, S. 2019. Environmental and socioeconomic factors induced blood lead in children: an investigation from Kashmir, India. <i>Environmental Monitoring and Assessment</i> 191 (02)</p> <p>39) Mehmood, M. A., Qadri, H., Bhat. R. A., Rashid, A., Ganie, S. A. Dar. G. H and Rehman, S. 2019. Heavy Metal Contamination in Two Commercial Fish Species of a Trans-Himalayan Freshwater Ecosystem. <i>Environmental Monitoring and Assessment</i> 191(02)</p>

Publications	Abstracts Published
	<ul style="list-style-type: none"> <li data-bbox="656 170 1507 401">• Nusrath, A., Mehmood, M. A., Naik, M. A. and Ganie, M. A. 2012. <i>Urban Sprawl of Srinagar city-an EIA study</i>. P. 57. In: XIth International Conference on Environment, Tourism and Development organized by Department of Studies in Geography, Mysore University Mysore and Deccan Geographical Society of India, Pune, 22-24 February, 2012. <li data-bbox="656 415 1507 764">• Ravikumar, P., Davis, D. Mehmood, M. A., Somashekar, R. K., Shivanna, K., Kumar, U. S., Arzoo Ansari, M. and Prakash, K. L. 2012. Appraisal of Annual Effective Dose exposure rate due to Radon in Bangalore North Taluk, Bangalore Urban district, Karnataka, India. p. 71. In: <i>National Seminar on Applications of Isotope and Radiation Technology for Societal Benefits (AIRTS-2012)</i> organized by Department of Environmental Science, Bangalore University, Bangalore – 560 056 in collaboration with BRNS-BARC, Mumbai, 21-23 June, 2012. <li data-bbox="656 779 1507 1127">• Ganie, S. A., Ara, S., Aggarwal, S., Mehmood, M. A., Geri, I. M., and Mir, S. A. 2017. Evaluation of chemical composition composition and pulp characterization of <i>Amaranthus hybridus</i> stalks- a non-wood herbaceous species for paper making in Kashmir, India. p. 142. In: National seminar on Himalayan biodiversity organized by center for Kashmir Himalayan biodiversity: documentation & bio prospection university of Kashmir, Srinagar-190006, J&K, India in collaboration with UGC, DST, DBT. 18-19 September, 2017. <li data-bbox="656 1142 1507 1373">• Ganie, S. A., Ara, S., Aggarwal, S., Mehmood, M. A., Haq, S. and Dar, Z. A. 2017. Herbaceous plant: An alternative to woody plants for paper making to combat climate change. pp. 93-94. In: one-day national seminar on biodiversity and climate change: challenges and prospects. Organized by Department of Environmental Science Govt. Sheikh Ul Alam Memorial SAM Degree College, Budgam 26 October, 2017. <li data-bbox="656 1388 1507 1661">• Ganie, S. A., Ara, S., Aggarwal, S., Mehmood, M. A. and Mir, S. A. 2017. Extraction of natural dye from <i>Prunus cerasifera</i> var. <i>atropurpurea</i> and its application on alkaline peroxide paper. P. 179. In: 3- day National workshop on “Disaster Resilience of Kashmir in the Face of Climate Change” Department of Environmental Science Abdul Ahad Azad Memorial Degree College, Bemina Cluster university Srinagar 13-15 November, 2017. <li data-bbox="656 1675 1507 1940">• Ganie, S. A., Ara, S., Aggarwal, S., Mehmood, M. A., Haq, S. and Dar, Z. A. 2017 <i>Amaranthus hybridus</i> an Alternative Non-Wood Fiber Material in Paper Industry to Overcome Climate Change Problem. P. 28. In: National conference on climate change and sustainable clean development organized by School of Earth, Environment and Space Studies Central University Haryana Mahindergrah, 22-23 November, 2017.

Publications	Book Chapters Published (National/ International)
	<ol style="list-style-type: none"> <li data-bbox="662 163 1507 373">1) Rashid, A., Mehmood, M. A. and Bhat. B. A. 2016. Comparative limnological study of two urban lakes (Dal lake and Bellandur lake), India. pp. 82-83. In: <i>International Conference on Natural Resource Management: Ecological perspectives</i>, 18-20 February, 2016, Indian Ecological Society, Punjab, Ludiana, India. <li data-bbox="662 373 1507 583">2) Bhat, R. A., Dervash, M. A. Mehmood, M. A., Bhat, M. S., Rashid, A., Bhat, J. I. A., Singh, D. V and Lone, R. 2017. Mycorrhizae: A Sustainable Industry for Plant and Soil Environment. In. Mycorrhiza Nutrient Uptake, Biocontrol, Ecorestoration (Fourth Edition), pp: 473-503. <li data-bbox="662 583 1507 720">3) Dar, G. H., Bhat, R. A. Kamili, A. N. Chisti, M.Z. Qadri, H. Dar, R. Mehmood, M. A. 2019. Correlation Between Pollution Trends of Freshwater Bodies and Bacterial Disease of Fish Fauna In. Freshwater Pollution Dynamics and Remediation. pp: 51-67. <li data-bbox="662 720 1507 898">4) Singh, D. V., Bhat, R. A. Dervash, M. A. Qadri, H. Mehmood, M. A. Dar, G. H., Hameed M. Rashid, N. 2019. Wonders of Nanotechnology for Remediation of Polluted Aquatic Environs In. Freshwater Pollution Dynamics and Remediation. pp: 319-339. <li data-bbox="662 898 1507 1035">5) Hameed, M, Bhat, Singh, D.V. and Mehmood, M. A. 2019. White Pollution: A Hazard to Environment and Sustainable Approach to Its Management In. Innovative Waste Management Technologies for Sustainable Development. pp: 52-80.

Books	Published Books (National and International)
	<p>1) Mehmood M. A. 2018. Comparative Water Quality Assessment of Two Urban Lakes of Bangalore. <i>Lambert Academic Publishing Heinrich-Bocking-Strage 6, 66121 Saarbrucken, Germany</i> (ISBN: 978-613-9-82200-3)</p> <p>2) Rashid, A., Mehmood. M. A. and Ganie, S. A. 2018. Limnological Study of Dal Lake and Bellandur Lake: A brief comparison. <i>Lambert Academic Publishing Heinrich-Bocking-Strage 6, 66121 Saarbrucken, Germany</i> (ISBN: 978-3-330-06807-0)</p> <p>3) Sherwani, A., Alam, K. and Mehmood. M. A. and 2018. Aralamallige Sub Watershed of Doddaballapur, a RS & GIS Analysis. <i>Lambert Academic Publishing Heinrich-Bocking-Strage 6, 66121 Saarbrucken, Germany</i> (ISBN: 978-613-9-83727-4)</p> <p>4) Farooq, S., Qadri, H. and Mehmood. M. A. and 2018. Impact of Pesticides on <i>Azolla cristata</i> and <i>Salvinia natans</i>. <i>Lambert Academic Publishing Heinrich-Bocking-Strage 6, 66121 Saarbrucken, Germany</i> (ISBN: 978-613-9-83813-4)</p> <p>5) Ganie, S. A., Rashid, A. and Mehmood. M. A. and 2018. Hydrogeological Assessment of Heavy Metals in Kashmir Himalaya. <i>Lambert Academic Publishing Heinrich-Bocking-Strage 6, 66121 Saarbrucken, Germany</i> (ISBN: 978-3-659-60745-5)</p> <p>6) Gulzar, A., Qadri, H. and Mehmood. M. A. and 2018. Ground Water Quality Assessment of South Kashmir Himalaya <i>Lambert Academic Publishing Heinrich-Bocking-Strage 6, 66121 Saarbrucken, Germany</i> (ISBN: 978-613-9-84304-6)</p> <p>7) Lone, R. A., Rashid, A. and Mehmood. M. A. and 2018. Ground Water Quality A Comparative Study of Blood Lead Levels in Normal & Abnormal Children <i>Lambert Academic Publishing Heinrich-Bocking-Strage 6, 66121 Saarbrucken, Germany</i> (ISBN: 978-613-9-84624-5)</p> <p>8) Shah, I. N., Mehmood, M. A. and Dar, G. H and 2018. Studies on Water Quality of River Newaj, Madhya Pradesh, India. <i>Lambert Academic Publishing Heinrich-Bocking-Strage 6, 66121 Saarbrucken, Germany</i> (ISBN: 978-613-9-85458-5)</p> <p>9) Gani, N., Gulzar, A. and Mehmood, M. A. 2018. Ecological Aspects of Gulmarg Wildlife Sanctuary: Bacteriology of Water. <i>Lambert Academic Publishing Heinrich-Bocking-Strage 6, 66121 Saarbrucken, Germany</i> (ISBN: 978-613-9-86397-6)</p> <p>10) Gulzar, A., Mehmood, M. A. and Bhat, R. A. 2018. Ecological Aspects of Gulmarg Wildlife Sanctuary: Ichtyofauna of River Sindh. <i>Lambert Academic Publishing Heinrich-Bocking-Strage 6, 66121 Saarbrucken, Germany</i> (ISBN: 978-613-9-87232-9)</p>

Books	<p style="text-align: center;">Published (National and International)</p> <ol style="list-style-type: none"> 11. Qadri, H., Bhat, R. A., Mehmood, M. A. and Dar, G. H. and 2019. Freshwater Pollution Dynamics and remediation. <i>Springer Nature (ISBN: 978-981-13-8276-5)</i> 12. Bhat, R. A., Qadri, H., Wani, K. A. Dar, G. H. and Mehmood, M. A. 2019. Innovative Waste Management Technologies for Sustainable Development. IGI Global Press USA (ISBN: 9781-7998-00330) 13. Mehmood, M. A., Hakeem, K. R., Bhat, R. A. and Dar, G. H. 2020. Pesticide Contamination in Freshwater and Soil Environs, Impacts, Threats and Sustainable Remediation. Apple Academic Press (CRC Press, Taylor and Francis Group) (ISBN: 978-1-77188-953-7) 14. Dar, G. H. Hakeem, K. R., Mehmood, M. A. and Qadri, H. 2020. Freshwater Pollution and Aquatic Ecosystems, Environmental Impact and Sustainable Management. Apple Academic Press (CRC Press, Taylor and Francis Group) (ISBN: 978-1-77188-958-2) 15. Hakeem, K. R., Dar, G. H. Mehmood, M. A. and Bhat, R. A. 2020. Microbiota and Biofertilizers, a sustainable continuum for plant and soil health. Springer Nature (ISBN: 978-3-030-48771-3) 16. Dar, G. H. Bhat, R. A., Mehmood, M. A. and Hakeem, K. R. 2020. Microbiota and Biofertilizers, Vol II, Ecofriendly tools for reclamation of degraded soil environs. Springer Nature (ISBN: 978-3-030-61010-4) 17. Hakeem, K. H., Bandh, S. A., Malla, F. and Mehmood, M. A. 2022. Environmental Sustainability of Biofuels, Prospects and Challenges. Elsevier (ISBN: 978-0-323-91159-7) 18. Dar. G. H., Bhat, R. A., Mehmood, M. A. 2023. Microbiomes for the Management of Agricultural Sustainability (ISBN, 978-3-031-32966-1) 19. Mehmood, M. A. Bhat, R. A. and Dar. G. H. 2025. Global Perspectives of Toxic Metals in Bio Environs Volume 1: Environmental Impact, Ecotoxicology, Health Concerns, and Modelling (ISBN, 978-3-031-89724-5) 20. Mehmood, M. A. Bhat, R. A. and Dar. G. H. 2025. Global Perspectives of Toxic Metals in Bio Environs Volume 2: Biotransformation, Remediation and Technological Advances (ISBN, 978-3-031-89728-3)
Experience	<p style="text-align: center;">Research Experience</p> <ul style="list-style-type: none"> • Worked as Senior Research fellow (SRF) in the project entitled “Microclimatic variations on animal diversity along the altitudinal gradients in Garhwal Himalayas” at Hemwati Nandan Bahuguna Garhwal University Srinagar (Garhwal), Uttarakhand from 02 -08-2012 to 02-02-2013 (Six Months)

	<p>Teaching Experience</p> <ul style="list-style-type: none"> • Assistant Professor (Environmental Science) at Government Degree College Pulwama (From 20-03-2025 to till date). • Assistant Professor (Environmental Science) at Government Degree College Shopian (From 12-12-2023 to 20-03-2025). • Assistant Professor (Environmental Science) at Government Degree College Pulwama (From 01-09-2019 to 11-12-2023). • Assistant Professor (Environmental Science) at Sri Pratap College Campus, Cluster University of Srinagar (From 22-02-2017 to 31-08-2019). • Assistant Professor (Contractual) in Environmental Science at Islamic University of Science and Technology Awantipora Pulwama (11-01-2017 to 21-02-2017) • Lecturer (Academic Arrangement) in Environmental Science at Govt. Degree College Banihal Ramban (16-08-2016 to 10-01-2017)
Research Activities	<p>Journal Reviewer</p> <ul style="list-style-type: none"> • International Journal of Engineering Research and Technology • Current World Environment • International Journal of Creative Research Thoughts • Environmental Monitoring and Assessment • Bulletin of Environmental Contamination and Toxicology
	<p>Editorial Board Member</p> <ul style="list-style-type: none"> • International Journal of Technical Research and Science

Teaching Skills	<p>National Level Teaching Trainings</p> <ul style="list-style-type: none"> •Successfully completed online NEP 2020 Orientation & Sensitization Programme from 01-12 February 2024 from UGC-MMTC, MANUU Hyderabad, India. •Successfully completed online subject refresher course in Ecology and Environmental sciences from 16-30 January 2024 from UGC-MMTC, MANUU Hyderabad, India. •Successfully completed online subject refresher course in environmental Studies from 24th of November to 08th of December 2022 at UGC, HRD Centre, Goa University, Goa, India. •Successfully completed online subject refresher course in environmental Studies from 25th of October to 09th of November 2021 at UGC, HRD Centre, AMU, Aligarh. •Successfully completed online refresher course in environmental Studies from 3rd of September to 18th September 2020 at UGC, HRD Centre, AMU, Aligarh. •Successfully completed two-week Winter School on “Science of Teaching” from 28th of January to 10th February 2020 at SP College, Cluster University Srinagar. •Successfully completed one-month 79th general orientation course from 25th of June to 25 July 2018 at UGC, HRD Centre, University of Kashmir. •Participated in One Week National e Workshop on “Leveraging education for harnessing entrepreneurship, research and innovation (LEHERI 2020) organized by Higher Education department JK in collaboration with GIAN India from 7-12 September 2020. • Participated in Five Day online training program on “Google Suite for e-learnig” organized by ARIS, SKUAST-K and NAHEP, SKUAST-K. from 21-25 September 2020. • Participated in two week national online faculty development program on “earth and environmental science” organized GDC, Pampore in collaboration with UGC-HRD Centre University of Kashmir from 21-09-2020 to 05-10-2020. •Participated in one week national online faculty development program on “MOOCS content creation” organized GDC, Pulwama from 07-12-2020 to 14-12-2020. •Successfully completed two-week Winter School (ID) on “Innovation in Science Teaching” from 03 to 17th February 2021 at SP College, Cluster University Srinagar.
Other Articles	<p>Newspaper Articles</p>
	<ul style="list-style-type: none"> • “Valuing the Environment,” published in Greater Kashmir Newspaper on 19-11-2017, Page No. 11. • “Islamic Dimensions and Views on the Environment” published in Kashmir Reader Newspaper on 16-02-2018, Page 9
Skills	<p>Computer Knowledge/Softwares</p>
	<ul style="list-style-type: none"> •MS-word, Excel, Power point and Internet surfing. •Statistical Softwares like R-Software, OP-STAT.
Projects	<p>Ongoing Projects DST-GoI</p>
	<ul style="list-style-type: none"> • Nuisance aquatic plants as a sustainable tool for nutrient removal and biofertilisation DST SERB (38.67 Lakh INR)

Supervisor	M. Sc. Projects Supervised
	<ol style="list-style-type: none">1. Impact of Overgrazing on Herbaceous Plant Species in SKUAT-K campus Ganderbal. (2019) Dissertation Submitted by Aasiya Akter (Roll No. 172106), Cluster University Srinagar (J&K) India.2. Tree Diversity and Standing Biomass in Different Forest Types Kashmir Himalaya. (2019). Dissertation Submitted by Samreen Sajad (172140), Cluster University Srinagar (J&K) India.3. Effects of Stone Quarrying Activities on the Environment of Beerwah : A Case Study of Budgam District. (2019) Dissertation Submitted by Shariq Irtiqa (Roll No. 172131), Cluster University Srinagar (J&K) India.4. Water Quality Assessment of River Jhelum (J&K) (2019). Dissertation Submitted by Suhail Bashir (Roll No. 172123), Cluster University Srinagar (J&K) India.5. Assessment of floristic diversity in Shankaracharya Reserve forest (2019). Dissertation Submitted by Sofi Umer Rashid (Roll No. 172115), Cluster University Srinagar (J&K) India.

Membership	Academic and Research
	<ul style="list-style-type: none"> • Member of Indian Science Congress Association • Member Board of Post Graduate Studies (Environmental Science) Sri Pratap College, Cluster University Srinagar. • Associated with the monitoring of ambient air and quality noise along with Central Pollution Control Board (CPCB) South zone Bangalore (2011). • Awarded with National Service Scheme Volunteer certificate by NSS cell cum SKUAST-K after successfully completing the NSS course of 120 hours during spring semester of Doctoral Programme (2013). • Co- convener in Two Day National Workshop on Remote Sensing and GIS for Natural Resource and Environmental Management organized by Department of Environment & Water management and P.G. Department of Environmental Science S. P. College Srinagar on 23rd & 24th March, 2018. • Member organizing committee for Two Day National Interdisciplinary Science Conference on the theme “Science in development” organized by the Department of Environment and Water Management and PG Department of Environmental Science, Sri Pratap College, Cluster University Srinagar, J&K, India on 3rd -4th December 2018. • Member of panel for paper setting, examiners and evaluators for the subject of Environmental Science at University of Kashmir, Hazatbal, Srinagar, J&K. • Coordinator Awards, Time Table and Green club in the Department of Environment and Water Management, Sri Pratap College Campus, Cluster University Srinagar. • Coordinator for one day webinar on the theme “Montreal Protocol, Keeping us, our food and vaccines cool” on the eve of World Ozone Day organized by the Department of Environmental Science, Govt. Degree College Pulwama on 21st of September 2021.

I hereby acknowledge that the above information is true to the best of my knowledge.

(Mohammad Aneesul Mehmood)