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Govt. Degree College, Surankote Poonch (JK)
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EDUCATIONAL QUALIFICATIONS

- **Ph. D. in Plant Taxonomy** BGSBU, Rajouri
- **Master's in Botany** AMU, Aligarh.
- **Master's in Environmental Sciences** IIEE, New Delhi.
- Certificate course on Rhetoric: The Art of Persuasive Writing and Public Speaking -Harvard University, USA.

THESIS & DISSERTATION:

- *Taxonomical studies on Arboreal Flora of Poonch District (J&K state) India* during Ph. D. 2021
- *Tissue culture techniques in Nicotiana tabacum* during Master's in Botany
- *A project on Social Forestry in J&K State* during Master's in Environmental Sciences, 1995.

NATIONAL / INTERNATIONAL RESEARCH PUBLICATIONS:

- **Mughal, R.** Manzoor J and Wagay R.A. (2024), Growing Urbanization in the Jammu Province of Jammu and Kashmir, India: an Environmental and Social Interpretation
- **Mughal, R.** and Sheikh, M.A.(2022).Floristic diversity, distribution, and Ethno-taxonomical studies on arboreal members of the family Rosaceae in district Poonch (J&K), India. *International J. Biol. Innovations.* 4(2): 327-348.
- **Mughal, R.,** Sheikh, M.A., Qazi, F. and Qazi, J. (2022).Taxonomical Exploration of Arboreal Members of the Family Anacardiaceae in District Poonch, Jammu and Kashmir (India). *International. J. Plant & Soil Science.*34(20): 352-364.

- **Mughal, R.** and Qazi, F. (2018). Weed flora of winter crops grown in Poonch district of Jammu and Kashmir. *American J. Res. Communication*.6(12):16-34.
- **Mughal, R.,** Malik, A.H., Dar, G.H. and Khuroo, A.A. (2017). Woody flora of Poonch district in Pir Panjal Himalaya (Jammu & Kashmir), India. *Pleione*,11(2):367-388.
- Kirn, H.S., Pandoh, A., **Mughal, R.,** Khan, J.A., and Shah, N.H. (2017). Ferns from some areas of South Kashmir (West Himalaya)-India. *Indian Fern J*.34:197-223.
- **Mughal, R.** and Kachhawa, G.M. (2015). A study of sacred groves existing in different religious patches of Poonch district. *Periodic Research*, 4(1):55-61.
- **Mughal, R.** and Kachhawa, G.M. (2015). An enumeration of trees along the historical Mughal Road of J&K State, India. *Periodic Research*, 4(2):38-41.
- Ahamad, S., **Mughal, R.** and Sharma, S. (2014). Status of rice blast disease caused by *Magnaporthe grisea* in Rajouri and Poonch districts of Jammu region. *Res. Environ. Life Sci*.7(4): 323- 326.
- Ahamad, S., Lal, B., Sharma, V. and **Mughal, R.** (2013). Survey of ginger diseases on farmers' field in Jammu region. *Res. Environ. Life Sci*. 6(4) 154-155.

INTERNATIONAL BOOK:

Chapter in: *Current Overview on Science and Technology Research Vol. 6*, 11 October 2022, Page 140-162. <https://doi.org/10.9734/bpi/costr/v6/4778A> Published: 2022-10-11. <https://stm.bookpi.org/COSTR-V6/article/view/8513> “Investigation on Taxonomical Exploration of Arboreal Members of the Family Anacardiaceae in Poonch District, Jammu and Kashmir, India” By **Rani Mughal**

EDITORIAL COLUMNS:

- *Snakes: The demonized creatures of our ecosystem:* Daily Excelsior, July 14, 2024.
- *Navigating global water crisis:* Daily Excelsior, March 31, 2024
- *Water, Religion and Responsibility: Navigating the global water crisis:* Early times March 29, 2024
- *Empowering women in love:* Daily Excelsior, March 17, 2024.
- *Extramarital affairs among women:* Daily Excelsior, March 13, 2023

- *Women Harassment at Work Place*: <http://sheinspiremagazine.com/magazine/women-of-substance-network-awards-2022/>
- *We can live only if nature does not die*: <https://www.dailyexcelsior.com/we-can-live-only-if-nature-does-not-die/>
- *Nature Conservation Day: A peek into the Existence of Earthworms, the Engineers of Soil Ecosystem*: in English Dailies - <https://www.risingkashmir.com/Earthworms--The-Engineers-of-Soil-Ecosystem-112244>: The News Now.
- International Women's Day: Equality includes both genders , Early Times 3/9/2021.
- Mothers: The Metamorphosis Editorial Column: Daily excelsior /Sunday, Sept,19,2021.

AWARDS:

- Sir Syed Young Achiever's Award 2023, SSEM SOCH India, Jammu and Kashmir Alig Society and SKCGDC Poonch.
- Prominent Alumni Award 2023, BGSBU, Rajouri.
- Eminent Botanist Award 2022, International Academy of Science and Research (IASR). International Academy of Science and Research (IASR) 3/Aug/2022 <https://www.iasr.ind.in/awards.php>
- ENVIRONMENTALIST OF THE YEAR 2022, International Foundation for Environment and Ecology. International Foundation for Environment and Ecology.8th. International Conference 22-24/August/2022.<https://icee.net.in/award.php>
- Top 100 Women leadership Award 2022 by Glantor X. Feb/15/2022.<https://www.hindustanbytes.com/glantor-x-women-leadership-awards-2022-second-list-released>.<https://www.hindustanmetro.com/glantor-x-women-leadership-awards-2022-second-list-released/>
- Women of Substance Award (Environment) 2022 by She Inspire Magazine and Hypedge Media Group. <http://womenofsubstancenetwork.com/> 06 March 2022.
- India's 50 inspiring women Award 2022, Fox Story India 2022 <https://www.hindustantimes.com/brand-stories/list-of-india-s-50-inspiring-women-2022-by-fox-story-india-101672826648281.html>

- Dr. APJ Abdul Kalam Green Environment Promotion Award 2021 by Glocal Environment & Social Association (GESA). 3rd. ICES - <http://gesa.org.in/ices21.php> 23-25/Dec 2021.
- Biodiversity Conservation Award 2021 by International Foundation for Environment And Ecology in 7th International Conference on Environment and Ecology <https://icee.net.in/index.php>
- Women achievers award 2021 by Sir Syed education mission JK for outstanding performance in the preservation and conservation of the environment beside active role to strengthen the womenfolk of Pir Panjhal at the celebration of “Tezeeb Day” on 27 March, 2021.
- Awarded a Certificate of Appreciation for serving humanity during COVID-19 Global Pandemic by Global Peace Organisation on 19 July, 2021.

PROJECTS COMPLETED:

- Completed Jatropha curcus plantation project of J & K Higher Education 2019-20.
- Established field Botanical Garden at village Shiendhara measuring 50 kanal land 2020-2021.
- Organised Uchhad Plantation and Soil Conservation Project – Under PEEDS, NGO in 2003 funded by National Afforestation and Eco-Development Board (NAEB).
- Established one Amrit Vatika/Herbal Garden and planted around 100 indigenous species at GDC Surankote.
- Established Botanical Garden at GDC Surankote.

MEMBER ACADEMIC COUNCILS:

- Life member of the International Foundation for Environment and Ecology.
- Life member of the Glocal Environment & Social Association (GESA).
- Life member of the Asian Biological Research Foundation (ABRF).
- Life member of the International Academy of Science & Research, Kolkata.

EXPERIENCE

Principal	(GDC, Surankote, Poonch 05/2023-present)
Assistant/ Associate Professor	(at various U.T. College 09/2000 – 05/2023)

ADMINISTRATIVE EXPERIENCE:

1.	Principal	GDC, Surankote	05/2023	Present
2.	HOD Botany	GDC, Poonch	09/2019	05/2023
3.	Coordinator: Food technology & Food processing	GDC, Poonch	2021	2022
4.	Coordinator: Agriculture Technology	GDC, Poonch	2021	2022
5.	Convener: General Purchase Committee	GDC, Poonch	2020	2021
6.	Coordinator: Women Empowerment cell	GDC, Poonch	2020	2021
7.	Convener: Committee against Sexual Harassment	GDC, Poonch	2020	2021
8.	Convener: Literary Activity Committee	GDC, Poonch	2014	2015
9.	Member: Admission Committee Science	GDC, Poonch	2016	2017
10.	Member: Principal's Advisory Committee	GDC, Poonch	2020	2021
11.	Member: College Development Committee	GDC, Poonch	2020	2021
12.	Member: Science Purchase Committee	GDC, Poonch	2020	2021
13.	Member: Picnic and Tour Committee	GDC, Poonch	2020	2021
14.	Member: Internal Quality Assurance Cell (IQAC Committee)	GDC, Poonch	2017	2020
15.	Convener: Societies & Clubs – Cocoon Club	GDC, Poonch	2021	2022
16.	Member: e-Content of Botany	GDC, Poonch	2020	2023

PROFESSIONAL SKILLS

- Establishing and conveying vision, goals, and expectations
- Building professional capacity by leading teacher learning and development
- Creating a supportive organization for learning
- Facilitating a high-quality learning experience for students
- Connecting with external partners
- Faculty performance evaluation

CONFERENCES/ SEMINARS / WEBINARS/WORKSHOPS:

- Faculty Development Program: Education Leadership Development Training Program for College Principals of J&K at IIM Jammu from January 8th to Jan 12th, 2024
- Faculty Development Program: Medicinal and Aromatic Plants Cultivation, Processing and Applications, by UGC-HRDC, JNVU, Jodhpur one week online FDP, 2-7 March, 2022.

- International Faculty Development Programme on Empowering Teacher Education and Technology by Govt. Degree College, Dharhal, UT of J&K in Collaboration with Cape Comorin Trust, India 22-28th Feb.2021.
- Workshop on Research Methodology for Social Sciences PG College Rajouri Two Weeks 3-16 July 2013 by ICSSR.
- Refresher Course in Life Sciences UGC Academic Staff College, Univ. of Jammu Three weeks (28-01-2013 to 19-02-2013).
- Refresher course in Environmental Science UGC Academic Staff College, Univ. of Jammu Three weeks (21-11-2012 to 11-12-2012).
- Biogenic CO₂ and Anaerobic Digestion: Secure Supplies, Carbon Neutral, Market Ready webinar organised by Global Governments Forum, United Kingdom July 07, 2022.
- “Digital takeoff: how governments can help SMEs make the most of tourism's revival" webinar organised by Global Governments Forum, United Kingdom June 27, 2022.
- “How to get to net zero: how governments can deliver climate commitments” webinar organised by Global Governments Forum, United Kingdom May 24, 2022.
- International e-Conference on Biological Diversity organized by Research & Development Cell and Department of Zoology under the aegis of IQAC, Govt. P. G. College Rajouri, J&K, India held on May 22nd, 2022.
- UGC-SAP(DRS-II) sponsored Two day national seminar on Plants and Fungi-Polyphasic characterization and Bioprospection March 25-26, 2022 organised by Deptt. of Botany University of Jammu, Jammu
- Dr. Bagh Hussain Memorial Extension Lecture/Webinar “ Plant Viruses and allied Microbes” organised by Botany Deptt. KC Memorial Degree College Poonch on 15 Jan;2022.
- Key speaker selected Seminar on “ Human Rights and Women Empowerment” organized by Govt. P..G College Rajouri on 23 Dec 2021
- DR. APJ ABDUL KALAM GREEN ENVIRONMENT PROMOTION AWARD by GLOCAL ENVIRONMENT & SOCIAL ASSOCIATION (GESA) in 3rd. International Conference on Environment and Society (ICES 2021) Theme: Interdisciplinary Approach in Education, Environment, Spirituality & Technology (IEST 2021) December 23, 24 & 25, 2021
- 7th. International Conference on Environment and Ecology

- by INTERNATIONAL FOUNDATION FOR ENVIRONMENT AND ECOLOGY Kolkata on 26-27- 28 November, 2021 & received Biodiversity Conservation Award 2021
- One day online interactive Forum on “Sexual Harassment at Work Place: A Mental Trauma and its Hidden Health Effects” by Govt. Degree College Purmandal, Samba on 24 Sep 2021.
- One day webinar “Ozone Depletion: Disaster in Making” on International day for preservation of ozone layer by Govt. Degree College, Ukhral (J&K-UT) on 16 Sep 2021.
- Extension Lecture on “ World Nature Conservation Day” by Govt. Degree College Thanna Mandi on 28 July 2021.
- Global Peace Organization certificate of Appreciation for serving humanity during COVID-19 global pandemic on 19/07/2021
- Webinar on “ Awareness regarding National Help for Senior Citizens” organized by Govt. Degree College, Kokernag, Anantnag Kashmir on 15 July, 2021
- National e-Awareness cum Training Program on Intellectual Property Rights (NeATIPR-2021) by PG College, Rajouri and CSIR-Institute of Minerals and Materials Technology (IMMT), Bhubenaswar, Odisha, India on 25-30 June, 2021.
- International Web Conference on ‘Ecosystem Restoration , by Govt. PG. Degree College, Rajouri and Piri Panjal Environment and Eco-Development Society, Poonch, J&K, India on June 05, 2021
- On the eve of celebration of world Environment week 2021 delivered guest lecture on theme “ Ecosystem Restoration, our role as Academia” by Govt Degree College Kangan, Kashmir on 6th Jun 2021
- “Tezeeb Day” celebrated by Sir Syed Education Mission, JK on 27 March, 2021 and received Women Achiever Award 2021
- Two day Multidisciplinary National Conference on “ Recent innovations in sciences, Social sciences, Humanities and Arts” organized by Govt. Degree College, Poonch on 23-24 March, 2021
- Extension lecture delivered on “ Motto of NSS-Not me but you” as role of NSS volunteers organized by GDC, Surankote on 16/March/2021
- International Faculty Development Programme on Empowering g Teacher Education and Technology by Govt. Degree College, Dharhal, UT of J&K in Collaboration with Cape Comorin Trust, India 22-28th Feb. 2021.

- Three- Day Online Training Program on “ Organic Agriculture and Vermi Compost” organised by Govt. College Anjaniya, Mandla (M.P) India on 11-13 Feb, 2021.
- Under Teaching Innovations organized a training to skill students of Sem 5 of Mushroom cultivation technology in the department of agriculture 2021 regarding the practical learning of the aforesaid course on 09 Feb 2021
- National e-Workshop on Mushroom Cultivation Avenues and Challenges organised by GDC, Poonch with Collaboration of SKUAST, Jammu on 27 November, 2020.
- National Webinar on “ Pandemics and Women’s Lives” organised by Govt. Degree College Doru, Anantnag on 3rd. September, 2020.
- Organized maiden online intercollegiate seminar on medicinal plants of Himalaya, 2020 at GDC Poonch, 18-19 May 2020.
- Organized program on women emancipation on 18 February 2019.
- Extension lecture on “Beti Bachao Beti Pado” organized by Women Empowerment Cell GDC, Surankote on 24/Jan/2020
- Organized volunteer plantation drive in a botanical garden in collaboration with Pir Panjal Environment and Eco-Development Society, J&K on the eve of Guru Nanak Dev Ji’s 550th birth anniversary 2019. 06/Jun/2019
- Under Teaching Innovations organized a training to skill students of Sem 3 of floriculture and gardening to learn about the techniques of potting in Poonch town 2019.
- First State level seminar on “Quality Concerns in Higher Education: Prospects and Challenges” by Degree College, Surankote (Poonch) J&K on April 25, 2019
- 2 day National Science Conference on “ Science, Society and Sustainable Development” held at Poonch Campus, University of Jammu/GDC, Poonch on 25-26 Nov, 2017.
- National seminar on Himalayan “Biodiversity Characterization and Bioprospection for Sustainable utilization “ University of Kashmir, Srinagar 18-19th. September 2017
- One Day State Level Interdisciplinary Science Conference on “Innovative Research in Science and Technology for Sustainable Development” organized by Govt. Degree College Poonch on 20-03-2017
- National Seminar on ‘Science and Technology for Human Development’ Deptt. of Zoology, University of Jammu on 25th. - 27th. March 2015.

- 10 JK Science Congress 14-16 March 2015 by University of Jammu.
- 2nd. National Symposium on Interdisciplinary Sciences held at GGM Science College, Jammu on 27-28 Feb 2015.
- National Conference on Innovations in Life Sciences for Sustainable Development (ILSSD) by TSN College of Arts and Science Navalur, Chennai on 29 Jan 2015.
- 102nd. Indian Science Congress held at University of Mumbai, Mumbai from January 3 to 7, 2015.
- National Seminar on Science and Technology for Human Development 8-10 Dec. 2014 by Indian Science Congress Association, Kanpur Chapter and Deptt. Of Zoology, D. G. College and D.A.V. College, Kanpur.
- National Seminar on “threats to biodiversity and ecosystems: Impacts of developmental projects and climate change” by Department of Zoology and Environmental Science Gurukula, Kangri, Vishwa Vidyalaya, Haridwar 17-19 Nov,2014.
- 24th. All India Congress of Zoology and National Seminar “ Biodiversity and its Management for Food & Environmental security & National Helminthological Congress” on 23-25 Nov, 2013 by Deptt. of Zoology University of Kalyani, West Bengal.
- 2nd.J&K Women’s Science Congress “Empowering Women through Science and Technology” by Govt. College for Women, Parade Ground, Jammu on 5 to 7 Nov, 2013.
- Two days Professional Development Workshop “Personality Development Workshop” organized by Headquarter 6 Sector Rashtriya Rifles Counter Insurgency Force (Romoeo) at GDC, Poonch, May 21-22, 2013.
- One day National Seminar “National Integration, communal Harmony and Aligarh Movement” on 17th Oct. 2012 Govt. Degree College, Mendhar.
- “National Symposium on Interdisciplinary Sciences held at GGM Science College, Jammu on 02-03 March, 2012
- Orientation Program Academic Staff College AMU Aligarh 2004.

- 2 days Teachers Training workshop as resource person to Jammu & Kashmir State Pollution Control Board organized at Town hall (Poonch on 29-30 Jan,2003)
- Refresher course in Botany AMU Aligarh 2003

Date:

Place: Poonch

Prof. (Dr.) Rani Mughal