

Mr. Ram Krishan

Assistant Professor

Department of Botany

Govt. Degree College, Ramnagar

ramkrishan716@gmail.com

+918868043420



Research experience:

- Worked as Project Fellow in **DST** funded research project entitled “**Identifying the changes in vegetation on ridge tops to predict climate impact and assisted migration**” from 08-11-2013 to 05-05-2015.

Research Publications:

1. Deshpande, A.K., **Ram Krishan**, V. Jaya Sankar Reddy, Venkateswara Rao Jallepalli, and Mithilesh Dwivedee. Evaluation Of Acute Oral Toxicity of Aqueous Extract of Euphorbia Helioscopia. *Journal of African Biology*, 6(Sp. Issue 2) 5527-5539. Doi:10.48047/AFJBS.6.Si2.2024.5527-5539
2. Sharma, C. M., Mishra, A. K., **Krishan, R.**, Tiwari, O. P., & Rana, Y. S. (2016). Variation in vegetation composition, biomass production, and carbon storage in ridge top forests of high mountains of Garhwal Himalaya. *Journal of Sustainable Forestry*, 35(2), 119-132. doi:10.1080/10549811.2015.1118387
3. Sharma, C. M., Mishra, A. K., **Krishan, R.**, Tiwari, O. P., & Rana, Y. S. (2016). Impact of climate on structure and composition of Ridge Top forests in Garhwal Himalaya. *Taiwania*, 61(2), 61-69. doi:10.6165/tai.2016.61.61
4. Sharma, C. M., Tiwari, O. P., Rana, Y. S., **Krishan, R.**, & Mishra, A. K. (2016). Plant Diversity, Tree Regeneration, Biomass Production and Carbon Storage in Different Oak Forests on Ridge Tops of Garhwal Himalaya. *Journal of Forest and Environmental Science*, 32(4), 329-343. doi:10.7747/JFES.2016.32.4.329
5. **Krishan, R.**, Tiwari, O. P., Rana, Y. S., Mishra, A. K., & Sharma, C. M. (2017). Changes in Levels of Soil Carbon and Forest Floor Carbon Stocks in the different Temperate Forests of Garhwal Himalaya. *International Journal of Current Research and Review*, 9(7), 5-10.
6. Khajuria, A. K., Bisht, N. S., & **Krishan, R.** (2017). Effect of 2,4-D and Cytokinins on Callus Induction in Different Explants of Viola canescens Wall. Ex, Roxb. *Plant Archives*, 17(2), 832-838.
7. Sharma, C., Mishra, A. K., Tiwari, O., **Krishan, R.**, & Rana, Y. (2017). Effect of altitudinal gradients on forest structure and composition on ridge tops in Garhwal Himalaya. *Energy, Ecology and Environment*, 1-14.
8. Rana, Y. S., Tiwari, O. P., **Krishan, R.**, & Sharma, C. M. (2018). Determination of nutritional potential of five important wild edible fruits traditionally used in Western Himalaya. *International Journal of Life Sciences*, 6(6), 79-86.
9. Sharma, C. M., Mishra, A. K., Tiwari, O. P., **Krishan, R.**, & Rana, Y. S. (2018). Regeneration Patterns of Tree Species along an Elevational Gradient in the Garhwal Himalaya. *Journal of Mountain Research and Development*, 38(9), 211-219.
10. **Krishan, R.**, Mishra, A. K., Tiwari, O. P., Rana, Y. S., & Sharma, C. M. (2018). Variation in biomass and carbon allocation in various components of tree species along different forest types in high mountain regions. *TROPICAL ECOLOGY*, 59(3), 457-472.
11. Sharma, C. M., Tiwari, O. P., Rana, Y. S., **Krishan, R.**, & Mishra, A. K. (2018). Elevational behaviour on dominance-diversity, regeneration, biomass and carbon storage in ridge forests of Garhwal Himalaya, India. *Forest Ecology and Management*, 424, 105-120. doi:10.1016/j.foreco.2018.04.038.

12. Tiwari, O. P., Rana, Y. S., **Krishan, R.**, Sharma, C. M., & Bhandari, B. S. (2018). Regeneration dynamics, population structure, and forest composition in some ridge forests of the Western Himalaya, India. *Forest Science and Technology*, 14(2), 66-75. doi:10.1080/21580103.2018.1447517
13. Tiwari, O. P., Sharma, C. M., Rana, Y. S., & **Krishan, R.** (2019). Disturbance, Diversity, Regeneration and Composition in Temperate Forests of Western Himalaya, India. *Journal of Forest and Environmental Science*, 35(1), 06-24. doi:10.7747/JEFS.2019.35.1.6.
14. Kumari, S., Mehta, J. P., Shafi, S., Dhiman, P., & Krishan, R. (2021). Diversity and indigenous uses of medicinal plants in the Buakhal area of the Garhwal Himalayan range, India. *Biodiversity*, 22(3-4), 131-142. <https://doi.org/10.1080/14888386.2021.2003721>

Conference attended

1. Paper presented in National Seminar on Climate change, Resources, Bio-diversity & Environmental challenges: issues and Strategies for sustainable development, entitled **“Variation of growing carbon stocks with different forest types on ridge tops along Bhagirathi basin in Garhwal Himalaya”** at Srinagar Garhwal on October 28-30, 2015.
2. Paper presented in 10th Uttarakhand State Science and Technology Congress, 2015-16, entitled **“Variation of growing stocks and carbon assimilation along different forests of temperate zone in Uttarkashi district of Garhwal Himalaya”** at Dehradun on February 10-12, 2016.
3. Paper presented in 11th Uttarakhand State Science & technology Congress 2016-17 entitled **“Forest structure, live above ground biomass and Carbon stocks variation along an elevational gradient at Baghirathi catchment area of Garhwal Himalaya”** at Dehradun.
4. Paper presented in National Conference on Science & Technology for National Development Entitled **‘Forest Structure, Biomass production and Carbon Storage incongruity on Ridge Top Forests along Elevational and Climate Gradients’** at The Indian Science Congress Association: Haridwar November 20-22, 2016 on Chapter And Department of Chemistry, Gurukula Kangri Vishwavidyalaya, Haridwar
5. Paper presented at National Conference on Progressive Sciences & Engineering 2016 entitled **“In Vitro Shoot Multiplication of Thymus Serpyllum L. : An Important Medicinal Plant”** at Institute of Technology, Gopeshwar
6. Paper presented at National Conference on Progressive Sciences & Engineering 2016 entitled **“Effect Of Changes In Climate On Forest Structure, Biomass, Carbon Stocks In The Different Forests along Altitudinal Gradient of Garhwal Himalaya”** at Institute of Technology, Gopeshwar.
7. Paper presented at National Seminar on Crop Diversity and Entrepreneurship Development in Himalayan Environment entitled **“A Quantitative Study of the Forest Floor Biomass, Litter Fall and Soil Organic Carbon in the Temperate Forests of Garhwal Himalaya”** at Uttarkashi on September 2016.
8. Paper entitled **Ethnomedicinal Plants with Anti-diabetic & Anti-obesity Potentiality: A Case Study in Ramnagar of District Udhampur (J&K)** presented at Int. Conference on the theme "Ethnobiology: Present and Future perspectives" organized by GDC Billawar on 25-26, November 2022.
9. Attended in International e-Conference on topic **“Sustainable Development after COVID-19 : Environmental Issues and Challenges”** organised by Deva Nagri College, Meerut held on June 01-02, 2020

Orientation/Refresher Programs

1. Attended the Induction Training programme for college teachers, higher education department, Govt. of J&K from 07-07-2017 to 22-7-2017.

2. Participation in 14 Days National Faculty Development Programme On **Data Analysis for Research in Social Sciences** at Faculty Development Centre (UGC-Human Resource Development Centre), Ramanujan College, Delhi from 17th - 30th June, 2020.
3. Participation in Two Weeks Faculty Development Programme on "**Advanced Concepts For Developing Moocs**" at Faculty Development Centre (UGC-Human Resource Development Centre), Ramanujan College Delhi from July 02 - July 17, 2020.
4. Participation in Two Weeks Faculty Development Programme on "**Managing Online Classes And Co-creating Moocs 3.0**" at Faculty Development Centre (UGC-Human Resource Development Centre), Ramanujan College Delhi from July 25 - August 10, 2020
5. Participation in a Refresher Course entitled **Refresher Courses in Life Sciences** at Faculty Development Centre (UGC-Human Resource Development Centre), University of Jammu on July 23-August 5, 2019.
6. Participation in a 4 week **Orientation/Induction Course for faculty in Universities/Colleges/Institutes of Higher Education** at Faculty Development Centre (UGC-Human Resource Development Centre), Ramanujan College Delhi from December 10, 2020 to January 08, 2021
7. Attended **Two Weeks online International FDP on Research Methodology** organized by PG College Rajouri from 28 December, 2022 to 08 January 2023.
8. Completed online **MOOC course on Basic Course in Biomedical Research** on Swayam platform on February on July-Dec Session 2022.
9. Completed UGC approved online short-term professional development Programme on "**Implementation of NEP 2020 for university and college teachers**" organized by IGNOU from 9-17 September, 2022 and obtained A plus grade.
10. Completed AICTE FDP **MOOCS course on Conservation Economics** offered by Swayam in Session Jan-April 2022
11. Completed short term 10 days FDP on **Emotional intelligence for teaching in higher education** organised by UGC MMTTC, Sant Gage Baba Amravati University , Amravati during November 16th – 25th, 2023.

One Week FDPs

1. Participated in One-week Online FDP on "Environment Sustainability Climate Change" organized by Miranda House Delhi from 4- 8 April, 2022.
2. Attended One week FDP Comprehending quality aspects in NAAC Accreditation Process organized by JIT Pune 3-7 May, 2022.
3. Attended One Week FDP on Engineering Trends in Teaching and Research organized by BGSB University 23-29 May, 2022.
4. Attended One Week FDP on Neuro Linguistic as Tool in Class Room for Teachers to Enhance Learning Skills and Personality Development Organized By Zoology Department. GDC Doda 24 -30 May, 2022.
5. Attended One week FDP on Academic Leadership and Resource Management conducted by the HRDC DU held from 16-22 June, 2022.

6. Participated in One week FDP on Entrepreneurship Intellectual Property Rights Start-ups and Innovation organized by LPU Punjab on 11-15 July, 2022.
7. Participated in a one Week FDP on Smart Tools and Methodologies for Academic Research organized by the ECE Department, MGIT Hyderabad on 1-5 August, 2022.
8. Attended One Week online FDP on NEP 2020: New Trends in Higher Education organized by TLC Ramanujan College University of Delhi from 26 December, 2022 to 01 January 2023.
9. Participated in One Week workshop on Preparation of SSR organised by SCS, GDC Mendhar from January 15th -23th, 2023
10. Participated in a Five days e-FDP on “Pharmaceutical Innovations & Protection Strategies” Jointly organized by Seven Hills College of Pharmacy, Tirupati & CSIR –Institute of Minerals & Materials Technology, Bhubaneswar, India from July 18th to 22nd, 2023.

Workshops

1. A one-week workshop participated on MOOCS and e content Development at Govt. College for Women, Gandhinagar, Jammu from 1 to 7th January, 2020
2. Participation in a one-week workshop entitled Research Methodology in Life Sciences at Faculty Development Centre (UGC-Human Resource Development Centre), Guru Nanak Dev University, Amritsar on January 04-10, 2019
3. Participated in 3 Days NAAC Workshop for Facing Peer Team as Per Report with Related Documentation” organized by IQAC GDC Kishtwar in blended mode during 18- 20 July, 2022.
4. Participation in an online workshop entitled Evidence Based Teaching And Learning Strategies In Higher Education organised by CREATES under IISER Bhopal from May 21 to May 23, 2020.
5. Participation in Three Days FDP Webinar on “E-Learning: Tools for Teaching & Learning”, organised by Govt. MAM PG College , Jammu held from 01 to 03, June 2020.Conference attended
6. Participation in Workshop on NEP 2020 Multiple Entry Exit organized by HRDC JNU on 30 June, 2022.
7. Attended One day Int. Workshop on kindness organized by RDC P. G. College Rajouri on 13 November, 2022
8. Attended National workshop on IPR organized by faculty induction development cell Central University Jammu on 20 January, 2023
9. Attended online Workshop on NEP-2020 Dual/Joint Degrees organized by the HRDC H.P. University Shimla held on 27 June, 2022.

Conferences/Seminars/ Webinars

1. Attended One day International Conference on Biological Diversity organized by PG College Rajouri held on 22 May, 2022
2. Attended International E-Conference on Environment Sustainability climate Change organized by R D Cell under the aegis of IQAC GDC Rajouri held on 4 June, 2022.
3. Attended online lecture on National Landslide Susceptibility Mapping in JK on 28 April, 2022.

4. Participated in International Web Conference on Invest in Our Planet organized by Govt. P. G. College Rajouri and PPEEDS Poonch on 21- 22, April 2022.
5. Attended One Day National Webinar on NEP 2020: “Motivated Energized and Capable Faculty” organized HRD Centre North-Eastern Hill University Shillong on 20 July, 2022.
6. One Day National Webinar on NEP 2020: "Promotion of Indian Knowledge Systems" organized by HRDC North-Eastern Hill University Shillong on 8 August, 2022.
7. Attended the BoS meeting online Mode in Botany by Google meet organized by Botany Department Jammu University on 6 August, 2022.
8. Attended the BoS meeting offline Mode in Botany at Botany Department Jammu University on 17 August, 2022.
9. Attended One day National Webinar on NEP 2020: “Global Outreach of Higher Education – Indian Perspective” held in HRDC NEHU Shillong on 03 November, 2022
10. Attended FDP on "Digital Creativity Skills" organized by Central University of Jammu on 14 November, 2022.
11. Recognized as “NPTEL Discipline Star” award for Session Jul-Dec 2022 by NPTEL SWAYAM.
12. Acted as member of organizing team in one day national workshop on Research Methodology organized by science club and IQAC GDC Kathua on 23 January, 2023.
13. Participated in IP Awareness/Training program organized by Intellectual Property Office India Under NIPAM on 25 January, 2023
14. Participated in National Level Webinar on “Investor Awareness Program” organized by SPMR Commerce College Jammu in association with Beams Outsourcing Services held on 03 February, 2023.
15. Participated in IP Awareness/Training program under NIPAM on 7/02/23.
16. Participated in One Day National Webinar on NEP 2020: "Languages Culture and Values" organized by NEHU Shillong on 24 February, 2023.
17. Attended One Day National Webinar on NEP 2020: “Need of Equity and Inclusion in Higher Education Institutions in India” organized by HRDC North East University Shillong on 15 March, 2023.
18. Attended in International e-Conference on topic “Sustainable Development after COVID-19 : Environmental Issues and Challenges” organized by Deva Nagri College, Meerut held on June 01-02, 2020
19. Attended the Adobe-AICTE Digital Creativity Skills Workshop for Faculty Development on April 4th, 2023.
20. Participated in One-Day Workshop on ‘arcGIS Applications in Higher Education: Emerging Trends’ organized by Department of Environmental Sciences, University of Jammu, Jammu in collaboration with ESRI India on June 13th, 2023.
21. Act as member of organising team in one webinar entitled “Strategies to Crack Competitive Level Examination after Graduation” at GDC Kathua on July 20th, 2023.

22. Act as member of organising committee in symposium and poster making competition on Celebration of Nutrition Week organised by Science Club, GDC Kathua on September 6th, 2023.
23. Attended One Day National Webinar on Curriculum and Credit Framework for Undergraduate Programmes organised by HRDC Cell, North-Eastern Hill University Shillong on September 29th, 2023.
24. Participated in one day international e-Conference on “Gandhian Philosophy of Nonviolence and Sustainable Development organized by Research Development Cell under the aegis of IQAC Govt. P. G. College Rajouri, J&K, India held on October 1st, 2023.
25. Act as member of organizing team in organizing lecture poster competition and field trip by Ravi Eco Club and Science club, GDC Kathua during celebration of National Wild life Week on October 6th and 9th, 2023.
26. Participated in one day Int. Seminar on “Indigenous Medicinal Plants with Special Reference to Ayurveda” organized by Department of Botany, GDC Thanamandi on November 10th, 2023
27. Participated in One day Webinar on Establishment of Research and Development Cells in HEIs” organised by HRDC, North-Eastern Hill University Shillong on November 17th, 2023
28. Attended One Day National Workshop on National Institutional Ranking Framework organised by Deptt. Of Zoology, PG College Baderwah on November 30th, 2023.
29. Delivered a lecture on awareness program on World AIDS day organised by Department of Botany, GDC Basohli on December 1st, 2023.
30. Completed short term course on NEP-2020 organised UGC-MMTTC, Himachal Pradesh University, Shimla from December 4th -9th, 2023.
31. Participated in 1 Day National Webinar on Office for International Affairs organised by HRDC, North-Eastern Hill University Shillong on December 11th, 2023
32. Participated in one day IP awareness Training program under NIPAM organised by GCW Gandhinagar on December 21st, 2023.
33. Participated in 1 Day National Webinar on Climate change and Global Warming organised by HRDC, Himachal Pradesh University, Shimla on December 27th, 2023.
34. Participated in One day Webinar on Indian Knowledge System” organised by HRDC, North-Eastern Hill University, Shillong on February 9th, 2024.
35. Participated in One day Webinar on Conferment of Autonomous Status upon Colleges organised by HRDC, North-Eastern Hill University, Shillong on 12-02-24
36. Participated in One day Webinar on “Catalysing diversity in science” organized by Kamla Nehru College, Nagpur on February 27th, 2024.
37. Participated in One day Webinar on National Credit Framework” organised by HRDC, North-Eastern Hill University, Shillong on March 1st, 2024.