

# Mr. Ram Krishan

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## Workshops, Seminars, Symposium and Conferences attended:

### a. 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 10<sup>th</sup> 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 presented at three day International Conference on Global Challenges, Innovation and sustainability of Mankind entitled “**Potential of Bioenergy resources to sustainable development in India** ” at Government degree College Udhampur on October 31 to November 02, 2019.

#### **b. Workshops attended**

1. A workshop participated on **Intellectual Property Rights/Patent Awareness Workshop** at S. R. T. Campus Badishithual Tehri Garhwal, Uttarakhand on November 26, 2011.
2. Participation in a workshop entitled **National workshop on Analysis of Official Statistics using SPSS** at H. N.B. Garhwal University Srinagar Garhwal, Uttarakhand on November 18-20, 2015.
3. Participation in a 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

#### **Short Term Course**

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. Attended the 14 days **Refresher course on Life sciences** organised by Human resource development Cell, University of Jammu. from 23-07-2019 to 05-08-2019.
3. Attended one week faculty development program on **MOOCs and Online Content Development** organised by Govt. P.G. College for Women , Gandhi Nagar, Jammu from 2-02-2020 to 06-02-2020.
4. Attended 14 Days Online National Faculty Development Programme On **Data Analysis for Research in Social Sciences** organised by PMMMNMT Teaching Learning Centre, Ramanujan College (University of Delhi) from 17-06-2020 - 30-06-2020
5. Attended 14 Days Online National Faculty Development Programme on "Advanced Concepts for Developing MOOCs" PMMMNMT Teaching Learning Centre, Ramanujan College (University of Delhi) from 02-07-2020 - 17-07-2020.

## Member of Committees

- Member of Local Organizing Committee in seminar on “Ozone layer depletion and its consequences” organized by Science Club, GDC, Ramnagar, J&K on 18 Oct., 2018
- Member of Local Organizing Committee in conference on “Challenges & Opportunities in Sciences” organized by Science Club, GDC, Ramnagar, J&K on 18 March, 2019
- Member of admission committee for B.Sc /B.com/B.B.A 5<sup>th</sup> Semester for the session 2018-19
- Member of the following college committees
- **Covener : Publication cell**
- **Member: IT cell**
- **Member: Nature club**
- **Member: Science club**
- **Member- IQAC**

## Fellowship Received:

- 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.
- Selected for UGC-NET JRF fellowship in Environmental Sciences in June 2015 under reference no: 3581/SC/NET-June 2015.
- Selected for Rajiv Gandhi National Fellowship for SC Candidates to pursue M.Phil/Ph.D. Degree under reference no; F117.1/201415/RGNF-2014-15-SC-JAM-60868/ (SA-III/Website).

## Research Publications:

1. 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
2. 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
3. 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

4. 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.
5. 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.
6. 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.
7. 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.
8. 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.
9. 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.
10. 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
11. Krishan, R., Mishra, A. K., Sharma, C. M., 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.
12. 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.