

**DR. ROHIT BHARDWAJ**

S/O Smt. Chanchala Devi and Sh. Prithvi Raj

DOB: 27<sup>th</sup> of December 1985

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**Present Position**

**Assistant Professor,**

Department of Zoology

Government Degree College Akhnoor,

Higher Education Department,

Jammu and Kashmir (UT), India. 180006

**Educational Qualifications**

<b>2012-17</b>	<b>Ph.D.</b>	Department of Zoology, University of Jammu, Jammu
	<b>Topic</b>	Detection and genotyping of human papillomavirus (HPV) strains prevalent in female population of Jammu region of J&K State
	<b>Supervisor</b>	<b>Dr. Parvinder Kumar</b> , Assistant Professor, Department of Zoology, University of Jammu, Jammu
	<b>Co-Supervisor</b>	<b>Prof. K. K. Sharma</b> , Professor, Department of Zoology, University of Jammu, Jammu
<b>2010-12</b>	<b>M. Phil</b>	Department of Zoology, University of Jammu, Jammu
	<b>Topic</b>	Isolation, identification and genotyping of High-risk HPV (16 & 18) types associated with Cervical Cancer in Human females from Jammu region
	<b>Supervisor</b>	<b>Prof. Subash Gupta</b> , Professor, Department of Zoology, University of Jammu, Jammu
	<b>Co-Supervisor</b>	<b>Prof. D. N. Sahi</b> , Professor, Department of Zoology, University of Jammu, Jammu
<b>2007-09</b>	<b>M. Sc.</b>	Department of Zoology, University of Jammu, Jammu
	<b>Specialization</b>	Genetics
	<b>Percentage</b>	73.75%, First Division

<b>2004-07</b>	<b>B. Sc. Subjects Percentage</b>	Government Degree College for Boys, Udhampur English, Zoology, Botany, Sericulture 74.66%, First Division
<b>2001-03</b>	<b>Class 12th, Subjects Percentage</b>	Happy Model Higher Secondary School ( <b>J&amp;K Board</b> ) English, Zoology, Botany, Sericulture 73.83%, First Division
<b>2001</b>	<b>Class 10th, Subjects Percentage</b>	National Academy High School ( <b>J&amp;K Board</b> ) English, Hindi, Biology, Mathematics, Social Studies 81.2%, Distinction

### Other Academic Qualifications

**2010** Qualified **CSIR- NET**, India (National Eligibility Test) Lecturership, in 2010.

### Laboratory Experience

- Genomic DNA/RNA isolation from blood and tissue samples
- Carried out Polymerase chain reactions (PCR)
- Real Time PCR using Roche Lightcycler
- Biochemical Analyzer by Roche
- Gel electrophoresis
- Lymphocyte cultures
- Screening of Human Papilloma Virus (HPV) from cervical tissue samples
- Karyotyping (Manual and Automated)
- Fluorescent in situ Hybridization (FISH using Automated work station by Olympus)

### Conferences Attended

- Attended and Volunteered in organizing **5<sup>th</sup> Jammu and Kashmir Science Congress**, held at University of Jammu, Jammu from 08 to 10 Feb, 2010.
- Attended Two day seminar on “Global Issues On Environment” held at Govt. College for Women Parade, Jammu from 17<sup>th</sup> to 18<sup>th</sup> September, 2010.
- Attended three day International Conference on Genomics, Genetic Diseases and Diagnostics & XXXVI Annual Conference of The Indian Society of Human Genetics held at Manipal Life Sciences Centre, Manipal University, Manipal, India from 14<sup>th</sup> to 16<sup>th</sup> Feb, 2011.
- Attended three day 7<sup>th</sup> **JK Science Congress**, held at University of Jammu, Jammu from 13 to 15 Oct, 2011.
- Attended five day “**National Translation Mission, Orientation Programme for Translators in Dogri**”, 16 to 20 January 2012 post graduate department of Dogri, University of Jammu, Jammu.

- Presented a paper in One Day Conference on “Green Earth” under the Auspices of The Indian Science Congress Association (ISCA) (Jammu Chapter) held at Govt. College for Women Parade, Jammu on 11<sup>th</sup> of Feb, 2012
- Attended three day **37<sup>th</sup> Annual Conference of the Indian Society of Human Genetics**, held at Panjab University, Chandigarh, from 03 to 05 Mar, 2012.
- Participated in three day International conference entitled “**International Symposium on Developmental and complex disorders and 38<sup>th</sup> Annual Conference on the Indian Society of Human Genetics; Genomics and community health**”, from 9 to 11 Dec, 2012, held at Banaras Hindu University, Varanasi, India.
- Attended one day National Science Day-2013 on the Focal Theme “Genetically Modified Crops and Food Security” organized by the University of Jammu on 28<sup>th</sup> Feb, 2013.
- Attended five day 101<sup>st</sup> Indian Science Congress held at University of Jammu, Jammu from Feb, 3 to 7, 2014.
- Attended two day Workshop on “Recent Advances in Genomics and Proteomics” sponsored by Department of Biotechnology (DBT), Government of India, organized by School of Biotechnology, Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir from March 26-27, 2014.
- Attended one day Workshop on “Patent Designs, Trademarks and Intellectual Property Rights” organized by Department of Zoology, University of Jammu, Jammu and J&K State Council for Science and Technology, Govt. of J&K on Feb, 24, 2015.
- Attended three day 10<sup>th</sup> **JK Science Congress**, held at University of Jammu, Jammu from 14 to 16 March, 2015.
- Awarded as Best Performance in Quiz at the American Society of Microbiology Virtual Workshop on “Art of Science Communication” on 19<sup>th</sup> June 2015 at the School of Biotechnology, University of Jammu, Jammu.
- Presented a paper in three day 1<sup>st</sup> International Conference of Indian Academy of Health Psychology organized by Department of Psychology, University of Jammu, Jammu from 6<sup>th</sup> to 8<sup>th</sup> December 2015.
- Presented a paper in two day National level seminar on Science & Technology for the Unreached: Notions, Values and Applicability organized by Govt. Degree College Samba, J&K Under the aegis of Indian Science Congress Association (ISCA), from April 20 to 21, 2018.
- Attended one day National Workshop on Foldscope Microscopy in the National Workshop on “Orientation of Scientists and Teachers of School, College and University on Foldscope Microscopy” organized by Division of Soil Science and Agricultural Chemistry, FOA, SKUAST-J, Chatha, Jammu under the Foldscope Initiative of Department of Biotechnology, Govt. of India on Dec. 4<sup>th</sup>, 2018.
- Presented a poster in three day 14<sup>th</sup> JK Science Congress 2019 organized by the University of Jammu, Jammu from December 20-22, 2019.
- Presented a paper in One Day State Level Seminar on ‘Basics Modern Science Education’ held in Govt. Degree College Billawar, J&K on Feb 28, 2020.

- Completed 4-week Induction/Orientation programme for “Faculty in Universities/Colleges/Institutes of Higher Education” from June 04 – July 01, 2020 organized by Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of Ministry of Human Resource Development Pandit Madan Mohan Malaviya National Mission on teachers and teaching.
- Attended 14 day UGC sponsored Interdisciplinary Refresher Course in Entrepreneurship Development, Commerce & Management from 15-02-2021 to 28-02-2021 organized by UGC Human Resource Development Centre, University of Jammu.
- Attended 07 day Workshop on “Fundamentals of Bioinformatics” organized by Institute of Human Genetics in collaboration with Department of Zoology, University of Jammu, Jammu from 1<sup>st</sup> to 7<sup>th</sup> March, 2021.

### **Memberships**

- Life time Member of Indian Society of Human Genetics (ISHG).
- Member of Indian Science Congress

### **Extra-curricular Activities**

- Member of winning team of Table Tennis in Inter College championship for two years in 2010 and 2011.

### **Hobbies**

- Listening to music.
  - Playing Table tennis, Chess and Cricket.
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**Dr. Rohit Bhardwaj**

**Date: 10 November, 2022.**