

Rahul Sharma

Designation: Assistant Professor

Area of specialization: PLANT GENOMICS

College: G.G.M Science College, Jammu

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Summary

- Ph.D. Degree in Biotechnology
- Currently working at G.G.M Science College
- Head of Department (Department of Biotechnology)
- Life member of Biotech research society of India
- Expertise in Molecular Biology, Plant biotechnology, Microbiology, Cell biology, Fermentation biotechnology, Enzymology, Immunology, Biochemistry and Genetic engineering.
- Member of College Discipline Committee, Scholarship committee, Co-curricular activity committee
- Teacher In-charge college wrestling team
- Member Gandhian Study centre and Centre for Information, Career Counseling and Placement, GGM Science College

Awards and Achievements

- DGP's Special Commendation Certificate and award for securing highest percentage of marks among wards of police personnel of rank NGO's of J&K State in Matric in year 2000
- DGP's Special Commendation Certificate and award for securing highest percentage of marks among wards of police personnel of rank NGO's of J&K State in HSPH in year 2002
- DGP's Special Commendation Certificate and award for securing highest percentage of marks among wards of police personnel of rank NGO's of J&K State in B.Sc final in year 2005
- CSIR-JRF
- DBT-JRF
- GATE
- ARS-NET
- SLET

Workshops, Seminars, Symposia and Conferences attended

- 3rd J&K State Science Congress (26-28 Feb, 2008) (Oral Presentation); Abstract: Retrotransposon based characterization of Keratinophilic fungi using PCR approaches.
- 5th J&K State Science Congress (8-10 Feb, 2008) (Oral Presentation); Abstract: A study of epigenetic modifications in crops in response to abiotic stress.

- Participated in four days workshop on Bioinformatics: Converting Data to Knowledgebase organized by SBT, SMVDU and SBT, JU(Sep 6-9, 2010)
- 7th J&K State Science Congress (13-15, Oct, 2011); Abstract: A study of Transposon methylation display in *Brassica juncea* in response to abiotic stress.
- Participated in National symposium on Bioinformatics: Challenges in the post Genomic era sponsored by DBT GOI by SBT,JU on 2nd Feb,2012
- Participated in DBT- Short term Training course on Bioprocess engineering (Dec10-24, 2014) held in School of biotechnology, University of Jammu.
- National Symposium on Interdisciplinary Sciences Organized by GGM Science College (Mar 2-3, 2012);(Poster presentation) on topic Fungal characterization: does sequencing always matter.
- 2nd National Symposium on Interdisciplinary Sciences Organized by GGM Science College (Feb 27-28,2015);(Poster presentation) on topic A study of PTM of Histone H3 in *Brassica juncea* in response to drought stress.
- Worked as Member of organizing committee of Science Awareness Mela (31 Jan-2 Feb,2012)
- Worked as Member of organizing committee of UGC sponsored National symposium on Interdisciplinary Sciences (2-3 March,2012)
- Participated in the 10th J&K Science congress held at JU(Mar 14-16, 2015)
- Participated in 101st Indian Science congress held at University of Jammu (Feb 3-7, 2014)
- Participated in One day workshop on Biotechnology at GDC, Udhampur (Jan 18, 2014)
- Worked as Member of organizing committee for One day Inter-collegiate Symposium on 15th March 2016
- Worked as Member of organizing committee for Provincial level declamation contest organized by GGM science College held on Aug 31, 2016
- Worked as Member of organizing committee for One day inter-collegiate symposium on the theme “Truth & Non-violence” Organized by Gandhian study centre, GGM science college on Feb 28, 2017
- Worked as Member to organizing One day seminar on theme “Science & Technology for specially abled persons” at GGM Science College on Feb 28th 2017
- National seminar on Recent trends in Genomics & Metabolomics organized by SBT,JU (17-18 Mar, 2017) Presented Poster

Research Publications

- Ecotourism potential of Akhnoor town(Indian journal of applied research; ISSN- 2249-555X; June 2013)
- Epigenetic Dynamics: Role of epimarks and underlying machinery in plants exposed to abiotic stress(International journal of Genomics; Article id 187146;May16,2014)
- Epiallelic changes in known stress-responsive genes under extreme drought conditions in *Brassica juncea* (L.) Czern (Journal:Plant cell reports; Doi10.1007/s00299-016-2072-1; Nov 2016)

Academic Qualifications

Examination Passed	Board/University	Subjects	Year	Division/Grade/Merit
SSC	JK BOSE	English , Hindi, Social Studies, Sciences, Mathematics	2002	Distinction 81.6%
Higher Secondary	JK BOSE	English, Physics, Chemistry, Biology	2002	Distinction 87.3%
Bachelor's Degree(s)	Jammu University	Botany, Zoology, Chemistry, English	2005	Distinction (76.3%)
Master's Degree (s)	Jammu University	Biotechnology	2007	Ist Division (73.54%)
NET/SLET	CSIR	Life Sciences	2007	JRF
Ph.D	Jammu University	Biotechnology	2016	Awarded

Research Experience

Research stage	Title of Work/ Thesis	University where the work was carried out	Year
M.Phil or equivalent			
Ph.D.	Nature, Origin and Effects of Epigenetic Modifications in <i>Brassica juncea</i> (L.) Czern	Jammu University	2016
D.Sc/D.Litt.			
Training (Please specify)			

Teaching Experience

Courses Taught	Name of the	Duration
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	University/College/Institution	
iv) U.G. (B.A./B.Sc. etc.) (B.A./B.Sc. etc. Hons.)	GDC Rajouri G.G.M Science College	7+ years
v) P.G. (M.A./M.Sc.,etc)	Department of Biotechnology,University of Jammu	9 months
vii) Any other (e.g Women Study,Skill Development,Add on courses, coaching (JUET,CET) etc.)	CICCP (G.G.M Science College)	

Extension Work/ Community Service

Member of Centre for Information, Career Counseling and Placement, GGM Science College

Member of Gandhian Study centre, GGM Science College

Have been an active member of NSS (2002-2005)