

Rakesh Singh, Associate Professor in Chemistry, GCW Gandhinagar, Jammu

1. Started my carrier in School Education Department as teacher on 23rd October 1989.
2. Promoted as Lecturer in School Education Department in 1990.
3. Joined Higher Education Department in Feb 2001.
4. During my tenure in GDC Leh (2005-2007) started Science and got 100 percent result in Chemistry of First batch in B. Sc. Semester 1st and honoured by Principal with Appreciation Letter.
5. In 2011, appointed as member by SSRB for conducting interview for the post of teacher for District Calder Kathua and successfully conducted the interviews.
6. Life Member of Indian Science Congress Association.
7. Life Member of Association of Chemistry Teachers
8. Life Member of Society of Technologically Advanced Materials India.
9. Started YouTube channel in Chemistry for students of undergraduate classes during Covid-19 pandemic. Now it has 567 students as subscribers.
10. In 2020, Appointed as incharge for preparing e-Content for Semester 3rd and 4th, Organic Chemistry for all colleges of Jammu Division. Successfully coordinated and prepared the e-Content for 3rd and 4th Semester during Corona Pandemic. Also prepared and contributed in e-Content of Semester 5th.
11. Conducted four State Level and National Quizzes in Chemistry during Covid-19 pandemic in 2020.
- 11a. Acted as Nodal Officer in Lakhanpur Corridor during Covid Pandemic in November and December; 2020.
12. Conducted National Level Online Quiz Competition in Chemistry in 2021.
- 12a. Nominated as Science Communicator from J&K in 106th Indian Science Congress. held in LPU, Jan 2019 and presented poster on MOOC.
13. Letter of Appreciation by Principal GDC Kathua for successfully conducting Swatch Bharat Summer Internship - 100 hours of Swatchta-2018 as Nodal Officer for GDC, Kathua.

14. As Organizing Secretary, Organised one day Seminar in Collaboration with J&K Science, and innovation Council Nov 2, 2018
15. As Organizing Secretary, organized National Conference on Skill Enhancement and Employment Generation on Dec 19, 2017.
16. Remained Coordinator /Dy Project Director/Project Director on more for evaluation Centres set up at GCW/GDC Kathua by University of Jammu and Cluster University of Jammu.
17. As Convener Career Counselling and Placement Cell of GDC Kathua and GCW Kathua, (2012 to 2023) organized various programmes in collaboration with District Employment Office, DLL University of Jammu, JKEDI etc.
18. Coordinator of All India Survey on Higher Education from 2013 to 2023
19. Coordinator NAAC in GDC, Kathua during 2022 and 2023 and Member IQAC and Incharge of Criteria 2.
20. Till date, 11 publications with total 283 citations and with

<u>h-index</u>	5
<u>i10-index</u>	5

21. Written of five practical books and Six theory Books of different Semesters of University of Jammu. (Five books as per latest NEP Syllabus of University of Jammu for Sem 1st and 3rd students)
22. Attended many national and international webinar /conferences/workshops
23. Participated in many FDP conducted by reputed HRDC's
24. Presented paper in international Conference held in LPU on 25th and 26th June 2021 on Alzheimer Disease.

25. NAAC Coordinator in GDC Kathua and submitted AQAR for the session 2021 and 2022.

26. As Convener Science Club, organised workshops on IPR Awareness and Research Methodology.

27. Presented paper in International Conference on Ethnobiology : Present and Future Perspectives” on the topic “ Molecular Hybridization and Click Chemistry approach for synthesis of biologically active (anti-tubercular) triazole chalcone conjugates on 25th November; 2022.

28. Coordinator Academic Bank of Credit in GDC, Kathua for the session 2022-23

29. Acted as Convener in Symposium and Poster making competition held in Collaboration with JK Science and Technology on Theme “ Celebration of Nutrition Week” on 6th September; 2023

30. As part of outreach activity, acted as resource person on VLabs organized by Nodal Centre GDC, Kathua set up by IIT Bombay in 2022 and 2023

31. Awarded with Best Teacher Award-2021 by Govt. SPMR College of commerce in collaboration with Rotary Club Jammu Tawi in September; 2021

32. Convener of various activities organized at college level and District Level on UT Foundation day on the theme “ Badalta Jammu and Kashmir, Aman Aur Taraqqi Ki Tasveer” on 27th and 28th October; 2023

33. Acted as Convener in various administrative committees of the college like 1. Examination Committee 2. AISHE 3. Science Club 4. Career Counselling and Placement Cell 5. NAAC Coordinator 6. Member of committees like IQAC, College Advisory Committee, Discipline Committee, College Development Committee etc. during my stay in GDC, Kathua and GCW, Kathua

34. Some Latest Research articles:

a) **1, 2, 3-triazole based conjugates-potential cholinesterase (AChE and BuChE) and BACE inhibitors for treatment of Alzheimer** [Rakesh Singh](#) , [Harpreet Kaur](#); [Pankaj Gupta](#) , *AIP Conf. Proc.* 2800, 020313 (2023) <https://doi.org/10.1063/5.0162915>

b) [Synthesis, Molecular Docking, and Antitubercular Evaluation of Triazole–Chalcone Conjugates](#), H Kaur, R Singh, Rishikant , *Russian Journal of Organic Chemistry* 58 (4), 518-525

c) [1,2,3-Triazoles: Lead Molecules For Promising Drugs: A Review](#) , S RAKESH, K HARPREET, G PANKAJ , *ASIAN JOURNAL OF CHEMISTRY* 33 (No. 12 (2021)), 2896-2918