**SUNEEL SINGH BARHEYAN**

**Assistant Professor (Selection Grade)**

**Department of Chemistry**

Govt. Govt. Gandhi Memorial Science College Jammu

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**Qualification: M.Sc; B.Ed; M.Phil**

**Professional Development Programmes:**

* Attended Workshop on “DATA ANALYSIS THROUGH SPSS” organized by RIMT University Punjab on 13 April, 2022.
* Participated in International Web Conference on Invest in Our Planet on 21-22 April, 2022 organized by RD Cell Govt. P. G. College Rajouri and Pir Panjal Environment and Eco-Development Society Poonch.
* Participated and attended in one-week training programme to fulfill the requirements of National Education Policy NEP-2020 on Building Academic Leaders for 21st Century Higher Education organized by Guru Angad Dev Teaching Learning Centre-a Centre of the Ministry of Education Govt. of India under the PMMMNMTT scheme at S.G.T.B. Khalsa College, University of Delhi w.e.f 14-20 April, 2022.
* Participated in International One Week Faculty Development Program on Research Methodology from May 2, 2022 to May 7, 2022 organised by Amar Seva Mandals Kamla Nehru Mahavidyalaya Nagpur-440024 Maharashtra.
* Attended consultation meeting on National Higher Education Qualifications Framework (NHEQF) on May 25, 2022 organised by University Grants Commission (UGC) New Delhi.
* Participated in NAAC Workshop on “NAAC Methodology” held by Dr. B. Pommudiraj organized by Kanya Maha Vidyalaya Jalandhar on June 4, 2022.
* Participated and attended online “Interactive Session on Simplified Manual for Affiliated Colleges” organized by NAAC Banglore on June 13, 2022.
* Participated and attended online “UGC Consultative Meeting on Implementation of NHEQF” on June 27, 2022.
* Attended one week Online Short-Term Course on Innovations in Teaching Technology organised by Human Resource Development Centre HRDC-GNDU Amritsar w.e.f from 19-07-2022 to 25-07-2022.
* Attended and participated in the training programme in connection with BACK TO VILLAGE PHASE-IV PROGRAMME on 25th October, 2022 at DC Office Udhampur.
* Published research paper on “Protective Effect of Tridex Procumbens L. against Polluted Water Induced Hepatotoxicity in Albino Rats” in World Journal of Pharmaceutical Research (WJPR) on 27th October, 2022.
* Performed duty in BACK TO VILLAGE PHASE-4 as a Visiting Officer w.e.f from 02-11-2022 to 04-11-2022.
* Presented a research paper on Polluted Water Induced Hepatotoxicity in International Conference held at GDC Billawar on 27th November, 2022.
* Attended and participated in UGC-sponsored Refresher Course in Chemistry conducted by UGC-HRD University of Mumbai from December 12-24, 2022.
* Attended and participated in One Day National Workshop on Research Methodology conducted by GDC Kathua on 23-01-2023.
* Performed duties as External Examiner to conduct External practical Exam at Bhaskar Degree College Udhampur on 8-9, February 2023.
* Participated in International Conference held at GCW Udhampur on 10-11 February, 2023 and presented a Research Paper on water quality assessment.
* Attended and participated in UGC-HRDC Sponsored “Workshop on Recent Advances in Environmental Monitoring and Analysis” conducted by University of Jammu w.ef 13-02-203 to 17-02-2023.
* Attended the Board of Studies (BoS) meeting in the subject of chemistry at the University of Jammu on March 15, 2023 and participated in framing the syllabus for UG as per NEP-2020.
* Performed duties as an External Examiner to conduct the external practical exam of semester III at Government Degree College Udhampur on March 17–24, 2023.
* Participated in the International Conference on "Evolving Education in India: Challenges and Prospects " held at GDC Mahanpur on March 28, 2023 and presented a research paper entitled "Water Quality Assessment for Physico-Chemical Parameters of Ground Water at Udhampur JK.
* Attended and participated in a UGC-sponsored online workshop on "National Education Policy 2020: Research Innovation and Rankings" conducted by UGC-HRDC at GNDU Amritsar on March 16, 2023.
* Attended and participated in a UGC-sponsored online workshop on "National Education Policy 2020: Language, Culture and Values" conducted by UGC-HRDC at GNDU Amritsar on March 31, 2023.
* Attended the meeting in the capacity of Prabhari Officer at Ghram Panchayat Jandrore-B in connection with the preparation of the Ghram Panchayat Development Plan GPDP on April 10–11 2023 under the ageis of Back to Village Programme Phase-IV of the Jammu and Kashmir Government.
* One patent filed as co-inventor on “Analysis of the Impact of Bismuth-Based Photocatalysts in Degrading the Organic Pollutants in Aqueous Solutions using Machine Learning Techniques” in October 2023.
* Published research paper on “Challenges and Solutions in the Sustainable Management of Himalayan Spring Water” in Scopus Indexed Journal in October 2023.
* Participated in workshop on “NEP Orientation and Sensitization Programme” organized by UGC-MMTTC Punjabi University Patiala w.e.f January 16-25, 2024.