



SUMIT KUMAR

Research Scholar

Senior Research Fellow (SRF)

Department of Chemistry, University of Delhi (DU), India

Medgar Evers College, City University of New York (CUNY), USA

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Research Interests: Carbohydrate Chemistry, Modified Nucleosides, Synthetic Organic Chemistry, C-H Activation, Cross-Coupling Reactions, Polymer Electrolytes for Sodium Batteries, Green Chemistry.

ACADEMIC DETAILS

Qualification	University	Year	Stream/Specialization	
Ph. D	University of Delhi	2020-Present	Bioorganic Chemistry	Submitted (Aug., 2025)
Visiting Research Scholar	City University of New York, USA	2022-2023	Sodium Batteries	
M.Sc. Chemistry	University of Delhi	2018-2020	Organic Chemistry	74.38 %
B.Sc. (H) Chemistry	University of Delhi	2015-2018	Chemistry	79.46 %
Class 12 th	CBSE	2014-2015	Science	91.00 %
Class 10 th	CBSE	2012-2013		93.10 % (9.8 CGPA)

PUBLICATIONS

- Kumar, S., Agrawal, O., **Kumar, S.**, Patra, R., Mukherjee, M., Pandey, M.K., Parmar, V.S., Vittadello, M. Two-Channel Sodium-Ion Conducting Polymer Electrolytes Based on Perfluorinated Linear Hetero-Oligomers Prepared by Enzymatic Synthesis and NaTFSI. *Journal of Material Chemistry A*, 2025. (Accepted)
- Arora, A., **Kumar, S.**, Kumar, S., Deo, G., Tiwari, M. and Singh, B.K., 2025. A highly efficient one pot synthesis of novel Furo[3,2-*c*]coumarin C-glycosides and their *in-silico* studies. *Carbohydrate Research*, 556, 109595. DOI: [10.1016/J.CARRES.2025.109595](https://doi.org/10.1016/J.CARRES.2025.109595) (I.F: 2.5, ISSN: 0008-6215).
- Kumar, S.**, Arora, A., Deo, G., Tiwari, M., Maity, J., and Singh, B.K., 2025. Microwave-Assisted Synthesis of Base Modified Furo[3,2-*c*]quinolone Nucleosides and Insights into Their Photophysical Properties. *Dyes and Pigments*, 240, 112826. DOI: [10.1016/j.dyepig.2025.112826](https://doi.org/10.1016/j.dyepig.2025.112826) (IF: 4.2, ISSN: 0143-7208).
- Kavita, **Kumar, S.**, Maikhuri, V.K., Deo, G., Tiwari, M.K., Maity, J., and Singh, B.K., 2025. Design, Synthesis and in-silico studies of coumarin-chalcone hybrids linked via 1,2,3-Triazole as potential anti-fungal agents. *Synlett*. (Accepted)
- Kavita, **Kumar, S.**, Kaushik, P., Dua, A., Shakil, N.A. and Singh, B.K., 2025. Design, Synthesis and antifungal activity of isochroman fused coumarins against Rhizoctonia solani. *Synlett*. (Accepted)
- Kumar, S.**, Arora, A., Kumar, S., and Singh, B.K., 2025. Microwave assisted N-Directed Pd-Catalyzed Direct ortho-Acyloxylation, and ortho-Hydroxylation of benzo[b][1,4]oxazin- 2-ones via C-H Activation. *Tetrahedron*, 176, 134552. DOI: [10.1016/j.tet.2025.134552](https://doi.org/10.1016/j.tet.2025.134552) (I.F: 2.2, ISSN: 0040-4020).
- Arora, A., **Kumar, S.**, Sapra, S., Kumar, S., Deo, G., Tiwari, M. and Singh, B.K., 2025. Design and Synthesis of a Carbohydrate-Derived Chemosensor for Selective Ni(II) ion Detection: A Turn-Off Approach. *Carbohydrate Research*, 549, 109380. DOI: [10.1016/j.carres.2025.109380](https://doi.org/10.1016/j.carres.2025.109380) (I.F: 2.5, ISSN: 0008-6215).
- Sapra, S., **Kumar, S.**, and Singh, B.K., 2025. Microwave-Assisted Pd-Catalyzed Cross-Coupling of Aryl Alkyl Selenides with Arylboronic Acids. *Organic & Biomolecular Chemistry*, 23, 2590. DOI: [10.1039/D5OB00054H](https://doi.org/10.1039/D5OB00054H) (I.F: 2.5, ISSN: 1477-0520).

9. **Kumar, S.,** Arora, A., Mathur, D., Chaudhary, A., Pant, V., Guchhait, S. and Singh, B.K., **2025.** A Review on Chitosan and Chitosan-based Bionanocomposites: Promising Biological Macromolecules for Sustainable Corrosion Inhibition. *International Journal of Biological Macromolecules*, 301, 140392. DOI: [10.1016/j.ijbiomac.2025.140392](https://doi.org/10.1016/j.ijbiomac.2025.140392) (IF: 8.5, ISSN: 0141-8130).
10. **Kumar, S.,** Arora, A., Kumar, S., Dua, A., Maity, J., and Singh, B.K., **2025.** Synthesis of Base-Modified Fluorescent Furo[3,2-c]coumarin Nucleosides and their Photophysical Studies. *Journal of Molecular Structure*, 1321, 139915. DOI: [10.1016/j.molstruc.2024.139915](https://doi.org/10.1016/j.molstruc.2024.139915) (IF: 4.7, ISSN: 0022-2860).
11. Sapra, S., Chaudhary, R., **Kumar, S.,** Arora, A., Kumar, R., and Singh, B.K., **2025.** L-Proline: A Versatile Organocatalyst. *Russian Journal of Organic Chemistry. (Accepted)* (I.F: 1.7, ISSN: 1070-4280).
12. Yadav, S., Premlata, Arora, A., **Kumar, S.,** Gupta, T., Jain, P. and Singh, B.K., **2025.** Synthesis, Properties, and Applications of Aminoquinoline-Derived Schiff Bases and Metal Complexes. *Russian Journal of Bioorganic Chemistry. (Accepted)* (I.F: 1.7, ISSN: 0168-1620).
13. **Kumar, S.,** Arora, A., Kumar, R., Senapati, N.N. Kumar, S. and Singh, B.K., **2025.** Pyran Fused Analogues and their Potential Applications. Russian Journal of Bioorganic Chemistry. *Russian Journal of Bioorganic Chemistry*, 51, 373-438. DOI: [10.1134/S1068162024606001](https://doi.org/10.1134/S1068162024606001) (I.F: 1.7, ISSN: 0168-1620).
14. Arora, A., **Kumar, S.,** Maity, J., and Singh, B.K., **2024.** Microwave-Assisted Synthesis of Base-Modified Fluorescent 1,4-Dihydropyridine Nucleosides: Photophysical Characterization and Insights. *RSC advances*, 14, 39833-39843. DOI: [10.1039/d4ra07295b](https://doi.org/10.1039/d4ra07295b) (IF: 4.6, E-ISSN: 2046-2069).
15. **Kumar, S.,** Arora, A., Chaudhary, R., Kumar, R., Mukherjee, M., Len, C., Singh, B.K. and Parmar, V.S., **2024.** Recent Advances in the Synthesis of Acyclic Nucleosides and their Therapeutic Applications. *Topics in Current Chemistry*, 382, 34. DOI: [10.1007/s41061-024-00476-7](https://doi.org/10.1007/s41061-024-00476-7) (IF: 8.8, ISSN: 2364-8961).
16. **Kumar, S.,** Raghupathy, R., Vezzù, K., Garaga, M.N., Zhu, X., Greenbaum, S., Di Noto, V. and Vittadello, M., **2024.** Sodium Ion-Conducting Electrolytes Based on Chloroaluminate Ionic Liquids and δ -NaCl. *ChemSusChem*, e202400863. DOI: [10.1002/cssc.202400863](https://doi.org/10.1002/cssc.202400863) (IF: 6.6, ISSN: 1864-5631).
17. **Kumar, S.,** Sapra, S. and Singh, B., **2024.** Nickel-Catalyzed Cross-Coupling of Aryl alkyl Selenides with Aryl Bromides: Cross Coupling between two electrophiles. *Advanced Synthesis & Catalysis*, 366, 4528-2534. DOI: [10.1002/adsc.202400707](https://doi.org/10.1002/adsc.202400707) (IF: 4.0, ISSN: 1615-4150).
18. **Kumar, S.,** Raghupathy, R. and Vittadello, M., **2024.** Peristaltic Ion-Conduction Mechanism in Sodium Polymer Electrolytes Based on Perfluoropolyethers, DMSO, and Sodium Bis (trifluoromethanesulfonyl) imide. *ACS Applied Polymer Materials*, 6 (4), pp.2093-2106. DOI: [10.1021/acsapm.3c02123](https://doi.org/10.1021/acsapm.3c02123) (IF: 4.7, ISSN: 2637-6105).
19. Arora, A., **Kumar, S.,** Kumar, S., Dua, A. and Singh, B.K., **2024.** Synthesis, characterization and photophysical studies of dual-emissive base-modified fluorescent nucleosides. *Organic & Biomolecular Chemistry*, 22 (24), pp.4922-4939. DOI: [10.1039/D4OB00749B](https://doi.org/10.1039/D4OB00749B) (I.F: 2.7, ISSN: 1477-0520).
20. **Kumar, S.,** Arora, A., Kumar, S., Kumari, P., Singh, S.K. and Singh, B.K., **2024.** Diastereoselective Synthesis of Carbohydrate Conjugates: Pyrano [3, 2-c] quinolones. *Synthesis*, 56, 1157-1166. DOI: [10.1055/s-0042-1751505](https://doi.org/10.1055/s-0042-1751505) (I.F: 2.3, ISSN: 0039-7881).
21. Arora, A., **Kumar, S.,** Kumar, S., Singh, S.K., Dua, A. and Singh, B.K., **2024.** Natural product inspired diastereoselective synthesis of sugar-derived pyrano [3,2-c] quinolones and their in-silico studies. *Carbohydrate Research*, 539, 109105. DOI: [10.1016/j.carres.2024.109105](https://doi.org/10.1016/j.carres.2024.109105) (I.F: 2.5, ISSN: 0008-6215).
22. **Kumar, S.,** Arora, A., Singh, M., Singh, B. K., Mukherjee, C., & Singh, S. K. **2024.** Chemo-enzymatic, regioselective synthesis of dihydropyrimidinone-fused β -amino alcohols and their anti-inflammatory and antioxidant activity evaluation. *Synthetic Communications*, 1-15. DOI: [10.1080/00397911.2024.2396500](https://doi.org/10.1080/00397911.2024.2396500) (I.F: 1.9, E-ISSN: 1532- 2432).
23. **Kumar, S.,** Arora, A., Singh, S.K., Kumar, R., Shankar, B. and Singh, B.K., **2024.** Phenyliodine bis (trifluoroacetate) as a sustainable reagent: exploring its significance in organic synthesis. *Organic & Biomolecular Chemistry*, 22, 3109-3185. DOI: [10.1039/D3OB01964K](https://doi.org/10.1039/D3OB01964K) (I.F: 2.7, ISSN: 1477-0520).
24. **Kumar, S.,** Arora, A., Sapra, S., Kumar, R., Singh, B.K. and Singh, S.K., **2024.** Recent advances in the synthesis and utility of thiazoline and its derivatives. *RSC advances*, 14, 902-953. DOI: [10.1039/D3RA06444A](https://doi.org/10.1039/D3RA06444A) (IF: 4.6, E-ISSN: 2046-2069).
25. **Kumar, S.,** Arora, A., Maikhuri, V.K., Chaudhary, A., Kumar, R., Parmar, V.S., Singh, B.K. and Mathur, D., **2024.** Advances in chromone-based copper (II) Schiff base complexes: synthesis, characterization, and versatile applications in pharmacology and biomimetic catalysis. *RSC advances*, 14, 17102-17139. DOI: [10.1039/D4A00590B](https://doi.org/10.1039/D4A00590B) (IF: 4.6, E-ISSN: 2046-2069).
26. **Kumar, S.,** Raghupathy, R. and Vittadello, M., **2024.** Sodium Polymer Electrolytes: A Review. *Batteries*, 10, 73. DOI: [10.3390/batteries10030073](https://doi.org/10.3390/batteries10030073) (IF: 4.8, E-ISSN: 2313-0105).
27. **Kumar, S.,** Arora, A., Sapra, S., Chaudhary, R., Singh, B.K. and Singh, S.K., **2024.** Recent Advances in Scandium (III) Triflate Catalysis: A Review. *Asian Journal of Organic Chemistry*, e202400295. DOI: [10.1002/ajoc.202400295](https://doi.org/10.1002/ajoc.202400295) (IF: 2.7, ISSN: 2193-5807).
28. **Kumar, S.,** Arora, A., Sapra, S., Chaudhary, R., Singh, B.K. and kumar, S. **2024.** BF₃•OEt₂ as a Versatile Reagent: Applications in Organic Synthesis. *ChemistrySelect*, 9, e202403695. DOI: [10.1002/slct.202403695](https://doi.org/10.1002/slct.202403695) (IF: 2.0, ISSN: 2365- 6549).

29. Arora, A., **Kumar, S.**, Khatri, V., Prasad, A.K., Chhatwal, R.J. and Kumar, S., **2024**. Recent advances in the synthesis and application of C-2-Formyl glycals. *Synthesis*, 56, 890-905. DOI: [10.1055/a-2066-1659](https://doi.org/10.1055/a-2066-1659) (I.F: 2.3, ISSN: 0039-7881).
30. **Kumar, S.**, Arora, A., Mathur, D., Kumar, R. and Singh, B.K., **2024**. Advances in Drug Delivery Systems for Lipophilic Drug Paclitaxel: Developments, Challenges and Opportunities. *Russian Journal of Bioorganic Chemistry*, 50, 1-31. DOI: [10.1134/S106816202405011X](https://doi.org/10.1134/S106816202405011X) (I.F: 1.7, ISSN: 0168-1620).
31. **Kumar, S.**, Khan, Y., Arora, A., Kumar, M., Rungta, P., Singh, B.K., Sharma, V.K. and Singh, S.K., **2024**. Advances in the Synthesis of Spirocyclic Nucleosides. *Synthesis*, 56, 1097-1138 DOI: [10.1055/s-0042-1751509](https://doi.org/10.1055/s-0042-1751509) (I.F: 2.3, ISSN: 0039-7881).
32. Shankar, B., Singh, T., Kumar, B., Arora, A., **Kumar, S.** and Singh, B.K., **2023**. Solvent-free synthesis and in-silico molecular docking study of (E)-3-(β -C-glycosylmethylidene)-N-aryl/alkyl succinimides. *Organic & Biomolecular Chemistry*, 21, 9398-9409. DOI: [10.1039/D3OB01252B](https://doi.org/10.1039/D3OB01252B) (I.F: 2.7, E-ISSN: 1477-0520).
33. Shankar, B., Kumar, B., **Kumar, S.**, Arora, A., Tomar, R. and Singh, B.K., **2023**. Efficient synthesis of glycosylated imidazo [1, 2-a] pyridines via solvent catalysed Groebke-Blackburn-Bienayme reaction. *Carbohydrate Research*, 534, 108974. DOI: [10.1016/j.carres.2023.108974](https://doi.org/10.1016/j.carres.2023.108974) (I.F: 2.5, ISSN: 0008-6215).
34. **Kumar, S.**, Arora, A., Kumar, R., Senapati, N.N. and Singh, B.K., **2023**. Recent advances in synthesis of sugar and nucleoside coumarin conjugates and their biological impact. *Carbohydrate Research*, 530, 108857. DOI: [10.1016/j.carres.2023.108857](https://doi.org/10.1016/j.carres.2023.108857) (I.F: 2.5, ISSN: 0008-6215).
35. **Kumar, S.**, Arora, A., Kumar, S., Kumar, R., Maity, J. and Singh, B.K., **2023**. Passerini reaction: Synthesis and applications in polymer chemistry. *European Polymer Journal*, 190, 112004. DOI: [10.1016/j.eurpolymj.2023.112004](https://doi.org/10.1016/j.eurpolymj.2023.112004) (I.F: 6.3, E-ISSN: 1873-1945).
36. Arora, A., **Kumar, S.**, Kumar, S., Kumar, R. and Prasad, A.K., **2022**. Chemical features and therapeutic applications of curcumin (a review). *Russian Journal of General Chemistry*, 92, 1785-1805. DOI: [10.1134/S1070363222090201](https://doi.org/10.1134/S1070363222090201) (I.F: 0.8, E-ISSN: 1608-3350).
37. Kumar, S., Maity, J., Kumar, B., **Kumar, S.** and Prasad, A.K., **2022**. Chemical and chemoenzymatic routes to bridged homoarabinofuranosylpyrimidines: Bicyclic AZT analogues. *Beilstein Journal of Organic Chemistry*, 18, 95-101. DOI: [10.3762/bjoc.18.10](https://doi.org/10.3762/bjoc.18.10) (I.F: 2.2, E-ISSN: 1860-5397).
38. Kumar, S., **Kumar, S.**, Arora, A., Prasad, A.K. and Maity, J., **2022**. 5-Formyluridine and Its Synthetic Applications. *ChemistrySelect*, 7, e202203432. DOI: [10.1002/slct.202203432](https://doi.org/10.1002/slct.202203432) (IF: 2.0, ISSN: 2365- 6549).
39. Kumar, S., **Kumar, S.**, Maity, J., Kumar, B., Mehta, S.B. and Prasad, A.K., **2021**. Synthesis and photophysical properties of 5-(3''-alkyl/aryl-amino-1''-azaindolin-2''-yl)-2'-deoxyuridines. *New Journal of Chemistry*, 45, 16635-16647. DOI: [10.1039/D1NJ02423J](https://doi.org/10.1039/D1NJ02423J) (I.F: 2.5, E-ISSN: 1369-9261).

LABORATORY SKILLS & TECHNIQUES

- Experienced in handling lab equipment such as **Bruker NMR Instrument, Single Crystal XRD (XtaLAB Synergy), Rotavapor, FT-IR, Potentiostat, Glove box, Faradays Cage, Hood, Inert atmosphere line, DSC, TGA, ICP-OES, UV-Vis Spectrometer, Fluorescence spectrometer.**
- Skilled in various Separation Techniques (**Solvent Extraction, Column Chromatography, TLC**).
- Acquired expertise in various Spectroscopic Characterization Technique: **NMR, IR, FT-IR, UV-Visible, HRMS analysis, ICP.**
- Experience in using Computer Software for Analytical and Scientific presentation: **MS Office, Chem-Draw, MestReNova, Topspin, Jeol, EC-Lab, Igor, Spectrum, End Note, Origin.**
- Ample experience in Multistep Organic and Inorganic Synthesis, and possess professional standards of laboratory safety as well as having a good citizenship among research scholars.

SCHOLASTIC ACHIEVEMENTS

- Received **Best Professor Ashok Prasad Memorial Research Award-2024**, at Department of Chemistry, **University of Delhi, 2024.**
- Worked as a **Visiting Research Scholar** at Medgar Evers College, City University of New York, USA, from **2022 to 2023.**
- Received **First Prize** in Poster Presentation in International Chemistry Symposium, organized by **Thieme Group** and Department of Chemistry, **University of Delhi, 2023.**
- Received provisional admission offer for PhD in various top institutes of India: **IISER Pune, IISER Bhopal, CDRI Lucknow, NCL Pune.**
- Secured **All India Rank 50** in National eligibility Test (CSIR-JRF) for Fellowship (Junior Research Fellowship) conducted by Centre of Science and Industrial Research (CSIR), **June 2019.**

- Secured **All India Rank 18** in National eligibility Test (NET- LS) for Lectureship conducted by Centre of Science and Industrial Research (CSIR), **December 2018**.
- Qualified GATE (Gratitude aptitude test for engineering) exam conducted by IIT (Indian Institute of Technology), **2020**.
- Secured **All India Rank 10** in Delhi University Post Graduation Entrance Test (DU-PET), **July 2018**.
- Secured **6th Rank** in Kirori Mal College, Delhi in ACT-Concept Test in Chemistry (CONTECH– 15) organized by Tata Institute of Fundamental Research, Mumbai, **2015**.
- Secured **1st position** in Science Stream in 12th standard, **2015**.
- Secured my position among the top **2** rankers in School (Intermediate Examination), **2015**.
- Secured **1st position** in Science Stream in 11th standard, **2014**.
- Secured **1st position** at school level in Young Scientist Talent Test conducted jointly by Sri Chaitanya Educational Institute, INDIA and UNI Global Technologies Inc., USA at All India Level in the year **2014-15**.
- Won various prizes at National Conferences and Inter College science fests for poster and oral presentations at undergraduate level.
- Six years of experience in teaching chemistry to Senior Secondary students.

RELEVANT COURSE WORK

Organic Chemistry	Physical Organic Chemistry, Bio-organic chemistry, Chemistry of Bioactive compounds and natural products, Heterocyclic Chemistry, Organic Spectroscopy, Carbohydrate chemistry.
Physical Chemistry	Molecular Spectroscopy, Symmetry & Group Theory, Quantum Mechanics, Computer Programming for Chemistry (Q-BASIC), Thermodynamics, Electrochemistry, Impedance spectroscopy, Cyclic Voltammetry.
Inorganic Chemistry	Co-ordination Chemistry, Organometallic & Cluster Chemistry, Bio-inorganic chemistry, Chemical Bonding.
Special Courses	Instrumental methods in Chemistry, Chemistry of Natural Products, NMR, Green Methods in Chemistry, Analytical chemistry, Environmental Science, Polymer Chemistry, Research Methodology.

CONFERENCES

- Participated three days National Workshop on “Capacity Building Workshop for the Early Career Researchers Sciences” under the Inspiring India in Research, Innovation, and STEM Education (iRISE) Programme held at the Miranda House, **University of Delhi, 2025**.
- Participated and presented a poster in three days 3rd International Conference on “Integrative Chemistry, Biology & Translational Medicine” organized by Hansraj College, **University of Delhi** and **Pacific University**, Udaipur in association with **HeteroChem Innotech Private Limited, 2024**.
- Participated and presented a poster in two days 4th National Conference on “Emerging Trends and Future Challenges in Chemical Sciences, ETFC-2024” organized by Kirori Mal College, **University of Delhi, 2024**.
- Attended two days National Workshop on “*NEP 2020: Model Curriculum and Content in Chemistry*” organized by Department of Chemistry, **University of Delhi** in collaboration with **Vidya Bharati Uchcha Shiksha Sansthan, 2024**.
- Participated and presented a poster in three days International Conference CARBOXXXVII on “Basic, Analytical and Allied Sciences” at the Interface of Carbohydrates and Biomass Valorisation organized by Department of Applied Chemistry, **DTU** in association with **Association of Carbohydrate Chemists and Technologists (India) & Indian Society of Analytical Scientists, 2023**.
- Participated and presented a poster in International Chemistry Symposium, organized by **Thieme Group** and Department of Chemistry, **University of Delhi, 2023**.
- Participated and presented a poster in two days International Conference on “Contributions of Acharya Prafulla Chandra Ray as a Chemist and Freedom Fighter” organized by Department of Chemistry, **University of Delhi** in association with **Vibha and Ministry of Culture, 2022**.
- Attended two days National Workshop on “Indian Contribution to Chemical Sciences (ICCS-2022)”at Conference Centre, **University of Delhi, 2022**.
- Participated in the online International Conference “9th Asian Network for Natural & Unnatural Materials” (ANNUM-9) organized by Department of Chemistry, **University of Delhi, 2022**.
- Participated and presented a poster in International Conference on Advances in Chemistry and Biology of Carbohydrates organized by Chemistry and Bioprospecting Division, **Forest Research Institute**, Dehradun in collaboration with **Association of**

- **Carbohydrate Chemists and Technologists (India), 2021.**
- Attended two days International Conference on “Rethinking Science for Sustainable Development” organized by Department of Chemistr, Rajdhani College, **University of Delhi, 2021.**
- Attended the International Webinar in the online mode on “Post-COVID Challenges and Opportunities for the Chemist” (2021) jointly organized by **Indian Science Congress Association** and Department of Chemistry, **University of Delhi, 2021.**
- Participated in the online National Conference on “Covid and its Psychological effects” organized by Department of Chemistry, RajdhaniCollege, **University of Delhi, 2021.**
- Attended a webinar on “Infrared Spectroscopy: Fundamentals and Applications” organized by Department of Chemistry, Deshbandhu College, **University of Delhi, 2021.**
- Attended two days National Conference on “Emerging Trends and Future Challenges in Chemical Sciences (ETFC-2020)” held at ConferenceCentre, **University of Delhi, 2020.**
- Attended a webinar on “Fun of playing around NMR spectroscopy” organized by **Amity University, 2020.**
- Attended a webinar on “NMR Spectroscopy: Basic Introduction to Structure Determination” organized by **Punjab University, 2020.**
- Attended a webinar on “Open Educational Resources” organized by Gargi College, **University of Delhi, 2020.**
- Attended a webinar on “Research methodology” lecture delivered by **Prof. Diwan S Rawat, 2020.**
- Attended a webinar on “Mass Spectrometry: Introduction and Fragmentation Pattern” lecture delivered by **Prof. Diwan S Rawat, 2020.**
- Attended a webinar on “Explore the world of molecular chemistry” organized by **Amity University, 2020.**
- Attended two days National Conference on “Emerging Trends and Future Challenges in Chemical Sciences (ETFC-2016)” held at ConferenceCentre, **University of Delhi, 2016.**
- Attended seminars throughout the academic session- career perspective in Current Trends Science series.

PERSONAL DETAILS

Name	Sumit Kumar
Father Name	Azad Singh
Mother Name	Sheela Devi
Date of birth	08 Jan, 1997
Gender	Male
Permanent address	H. No. 74, Begumpur, Opposite Sec-22, Rohini, New delhi-110086
Mobile No.	+917503245858, +918287471272
Email	sumitkumaramu093@gmail.com ; skumar9@chemistry.du.ac.in
Languages	Hindi, English
Nationality	Indian

EXTRA-CURRICULAR ACTIVITIES

- Volunteered in organizing **First** Professor Ashok Prasad Memorial Lecture, University of Delhi on **Oct 03rd, 2024.**
- Volunteered in organizing **98th** Annual Convocation’ held at the Indoor Stadium, University of Delhi on **Feb 26th, 2022.**
- Volunteered in organizing **97th** Annual Convocation’ held at the Indoor Stadium, University of Delhi on **Feb 27th, 2021.**
- Volunteered in organizing Annual Fest of Department of Chemistry, Kirori mal College, **2017.**
- Volunteered in Two-day Workshop on “*Indian Contribution to Chemical Sciences (ICCS-2022)*”at ConferenceCentre, University of Delhi, **2022.**
- Volunteered in Two days National Conference on “*Emerging Trends and Future Challenges in Chemical Sciences (ETFC-2016)*”at ConferenceCentre, University of Delhi, **2016.**
- Volunteered in Two days National Conference on “*Emerging Trends and Future Challenges in Chemical Sciences (ETFC-2020)*”at ConferenceCentre, University of Delhi, **2020.**
- Appointed as **House Captain** in School, **2013 & 2015.**
- Won Bronze Medal in Anamika National Painting Competition.
- Secured **1st Position** in *Inter House Badminton Competition* in School, **2014.**

- Secured **2nd Position** in *Inter House Debate Competition* in School, **2014**.
- Secured **3rd Position** in the Painting Competition at Vishal Hindu Sammelan, **2010**.
- Participated in **Zonal Level** Cricket Championship, New Delhi, **2013**.
- Participated in **Zonal Level** Kho-Kho Championship, New Delhi, **2012**.
- Completed the course *Career Edge – knockdown the lockdown* on TCS ION digital learning hub.
- Completed the course *Fundamental of Digital Marketing* offered by **Google**.
- Completed the course *Overcoming the Imposter Syndrome: Identify the Patterns Undermining your Confidence* offered by **University of Southern Queensland**.
- Completed the course *Transitioning from Friend to Leader* offered by **University of Southern Queensland**.
- Completed the course *Data Analytics for Decision Making: An Introduction to Using Excel* offered by **Bond University**.
- Completed the course *Introduction to Anatomy: Learning the Anatomical Alphabet* offered by **Charles Sturt University**.
- Completed the course *Orientation to Educational Neuroscience* offered by **Central Queensland University**.
- Completed the course *Neuroplasticity and Neuromyths* offered by **Central Queensland University**.
- Completed the course *Neuroleadership and Conceptual Approaches in Educational Neuroscience* offered by **Central Queensland University**.
- Completed the course *Learning and Memory: Understandings from Educational Neuroscience* offered by **Central Queensland University**.
- Completed the course *Introduction of Sustainability and Development* offered by **Deakin University**.
- Completed the course *Professional Resilience: Building Skills to Thrive at Work* offered by **Deakin University**.
- Completed the course *The Science of Medicines* offered by **Monash University**.
- Completed the course *Introduction to Psychology: Sensation and Perception* offered by **Monash University**.
- Completed the course *Introduction to Psychology: The Psychology of Personality* offered by **Monash University**.
- Completed the course *Introduction to Psychology: Biological Psychology* offered by **Monash University**.
- Participated in the Cancer Awareness Cum sponsor programme under the aegis of **Nationwide Cancer Control Programme** of the CancerAid Society in the tune with guidelines of the World Health Organization.