

Dr Kuldeep Kumar

Assistant Professor

Department of Chemistry,

Maharana Pratap. Gov. P.G. College, Hardoi-241001, U.P. India

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Academic Qualifications:

2013-2017 Doctor of philosophy (Ph.D)

Department of Chemistry, University of Lucknow, Lucknow, U.P.

Thesis title: *Conformational and Configurational studies of Goat Milk Oligosaccharide by NMR.*

Supervisor: Dr. Desh Deepak

2010-2012 Master of science (M.Sc) in Chemistry

Department of Chemistry, University of Lucknow, Lucknow, U.P.

2008-2010 Bachelor of education (B.Ed)

Dr. Ram Manohar Lohia Avadh University, Ayodhya, U.P.

2006-2008 Bachelor of Science (B.Sc)

University of Lucknow, Lucknow, U.P.

Publications:

1. **Kuldeep Kumar**, Aniket Verma, Anil Mishra and Desh Deepak (2022); Isolation and Structure Elucidation of a Novel Oligosaccharide (Gagriose) From Goat Milk by NMR and Mass Spectrometry ; *J. Biol. Chem. Research* Volume 39 (2) Pages No. 99-111.
2. **Kuldeep Kumar**, Rahul Shrotiya and Desh Deepak (2019); Isolation of a Novel Pregnane Ester Glycosides from *Dregea lanceolata*; *J. Biol. Chem. Research* Volume 36 (1), Part D, Pages No. 287-294.
3. Gunjan, **Kuldeep Kumar** and Desh Deepak (2019); Structural Characterization of Novel Milk Oligosaccharide Aurose from Cow Colostrum; *journal of Molecular Structure*, volume1176, pages 394-401.
4. **Kuldeep Kumar** and Desh Deepak (2018); Mass Spectroscopy Techniques and Library of Monosaccharide Derivatives, Oligosaccharide and Glycosides: A Review; *J. Biol. Chem. Research* Volume 35(2), Pages No. 928-985.

5. Gunjan, **Kuldeep Kumar**, Rinku Singh and Desh Deepak (2018); DFT Studies and Structure Elucidation of Novel oligosaccharide from Camel Milk; *Chemistry & Biology Interface*, 8, 2, 106-114.
6. **Kuldeep Kumar**, Anupam Kumar Srivastava and Desh Deepak (2017) Structure Elucidation of Novel Oligosaccharide from Yak Milk; *J. Biol. Chem. Research* Volume 34 (1) Pages No. 21-28.
7. **Kuldeep Kumar**, Anupam Kumar Srivastava and Desh Deepak (2016); Isolation of a Novel Oligosaccharide from Goat Milk ; *J. Biol. Chem. Research* Volume 33 (1) Pages No. 381-387.

Conferences, Orientation programs and workshops

1. Successfully completed one month **Faculty Induction Program** from 22 Aug 2022 to 24 Sept 2022 organized by “**UGC- Human Resource Development Centre, Aligarh Muslim University, Aligarh**”.
2. Participated in the online workshop on **NEP- 2020 Implementation** on 14-15 September 2022 as part of **Faculty Induction Program** (22 Aug 2022 to 24 Sept 2022) organized by “**UGC- Human Resource Development Centre, Aligarh Muslim University, Aligarh**”.
3. **Poster presented at International Conference on “Emerging Frontiers in Carbohydrate Chemistry and Glycobiology”** organized during December 05-07, 2019 by **Department of Chemistry, University of Lucknow, Lucknow**.
4. **Poster presented at International Conference on “New Frontiers in Carbohydrate Chemistry and Biology”** organized during November 14-16, 2016 by **Department of Chemistry, University of Delhi, Delhi**.
5. **Poster presented at national Conference on “National Symposium on innovative methods in Chemistry Education and National Convention of Chemistry Teacher”** organized during December 08-10, 2015 by **Department of Chemistry, University of Lucknow, Lucknow**.