

Progress report of Department of Chemistry

Academic works other than teaching done by the department of Chemistry during last two years are

1. Book Chapter: **Antiretroviral Therapy of AIDS**. Current Trends in Medicinal Chemistry (2022), ISBN: 978-81-955916-4-4. Publisher Thanuj International Publishers, pp 170-190, Ranjan Kumar Basak*; Editors: Rishi Ranjan Pandey and Jitendra Bhatt.
2. Book Chapter: **Fundamental and Basics of Biomolecules-Carbohydrate, Classification, Structure**. Handbook of Biomolecules (2022), Elsevier. ISBN: 9780323916844. Paperback ISBN: 9780323916844, eBook ISBN: 9780323985307; Ashish Asatkar* and Ranjan Kumar Basak.
3. Book Chapter: **Copyright Law and its Modalities**; Book: Proceedings of National Conference on Intellectual Property Rights and Research Ethics (IPRRE-2023); ISBN: 978-93-5470-643-1; Publisher: Swaranjali Publication, pp 81-90, Authors: Ranjan Kumar Basak,* Siddharth Ramprakash Pandey, Subham Kumar, Hariom Singh Patel, Surya Pratap Verma.
4. Book Chapter: **Organometallic Compounds Based Important Reagents**; Book: Organometallic Compounds: Synthesis, Reactions, and Applications (2023); ISBN: 978-3-527-35178-7; Publisher: Wiley VCH; Authors: Ranjan K Basak,* Ashish K. Asatkar; Editors: Dakeshwar Kumar Verma, Jeenat Aslam.

Presentations:

1. **DNA Fingerprinting: A Backbone of Modern Forensics**, *Talk Presentation* at Hands-on-Workshop on DNA Fingerprinting: A Boon to Forensic Science. Held at Department of Zoology, SK PG College Basti, from 22.02.21 to 24.02.21. Jointly organised by Department of Zoology, SK PG College Basti and CytoGene Research and Development, Lucknow. (Speaker: Dr. Ranjan Kumar Basak)
2. **Copyright Law and its modalities**, an *Invited Talk presentation* at National Conference on Intellectual Property Rights and Research Ethics (IPRRE-2023) organised by Internal Quality Assurance Cell (IQAC), MLK PG College, Balrampur (U.P) in association with National Intellectual Property Rights Mission, Ministry of Commerce, GoI and sponsored by National Assessment & Accrediation Council (NAAC), an autonomous institution of UGC on 25.02.2023 at MLK PG College Balrampur (U.P) (Speaker: Dr. Ranjan Kumar Basak)
3. Delivered a talk on “**Is Rising level of Carbon Dioxide the real culprit for global warming**” on the occasion of a “*one day National Seminar on Climate Change, Environmental Challenges and Sustainable Development*” held at Shivharsh Kisan PG College, Basti, U.P. (Speaker: Dr. Ranjan Kumar Basak)