

3.7.1 Number of collaborative activities with other institutions/ research establishments/industry for research and academic development of faculty and students per year

3.7.1.1: Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Year of collaboration	Duration	Nature of the activity	Link to the relevant document
1	Rational Design and Synthesis of Isatin-Chalcone Hybrids Integrated with 1H-1,2,3-Triazole: Anti-Proliferative Profiling and Molecular Docking Insights	1. Department of Chemistry, Guru Nanak Dev University, Amritsar, India, 2. Department of Chemistry, Khalsa College, Amritsar, India, 3. Department of Chemistry, Baba Farid College, Muktsar Road, Bathinda, India, 4. Department of Pharmacology, Penn State Cancer Institute, The Pennsylvania State University College of Medicine, Hershey, PA 17033, USA	Dr. Kewal Kumar	2024	1 year	Research	<a href="https://chemistry-europe.onlinelibrary.wiley.com/doi/10.1002/cmdc.202400015">https://chemistry-europe.onlinelibrary.wiley.com/doi/10.1002/cmdc.202400015</a>
2	Reduced and oxidized rice straw biochar for hexavalent chromium adsorption: Revisiting the mechanism of adsorption	Department of Chemistry, Central University of Punjab	Dr. Meenu	2023	1 year	Research	<a href="https://www.cell.com/issue/S2405-8440(23)X0034-6">https://www.cell.com/issue/S2405-8440(23)X0034-6</a>
3	A Comparative Study on Voltammetric Behavior of Dopamine at Glassy Carbon Electrode and PANI/MoS <sub>2</sub> -Modified Glassy Carbon Electrode	Department of Chemistry, Chandigarh University	Dr. Kirandeep Kaur & Dr. Sudhanshu P Singh	2024	1 year	Research	<a href="https://www.mdpi.com/1420-3049/29/19/4770">https://www.mdpi.com/1420-3049/29/19/4770</a>
4	Indole Derivatives: A Versatile Scaffold in Modern Drug Discovery—An Updated Review on Their Multifaceted Therapeutic Applications (2020–2024)	1. School of Engineering, Guangzhou College of Technology and Business, Guangzhou 510850, China, 2. Coordination Chemistry Laboratory, Department of Chemistry, Dayanand Anglo-Vedic (PG) College, Kanpur 208001, Uttar Pradesh, India, 3. Department of Pharmaceutical Chemistry, Faculty of Pharmacy, Sohag University, Sohag 82524, Egypt, 4 Institute of Biological and Chemical Systems—Functional Molecular Systems (IBCS-FMS), Karlsruhe Institute of Technology (KIT), Kaiserstrasse 12, 76131 Karlsruhe, Germany	Dr. Kirandeep Kaur	2024	1 year	Research	<a href="https://www.mdpi.com/1420-3049/29/19/4770">https://www.mdpi.com/1420-3049/29/19/4770</a>