

## Teacher Achievements 2021-22

### Papers published in peer reviewed journals

S.N.	Papers published in UGC listed journals (in APA format)	Citations	h-index*	Impact factor range/Average Impact factor*
1.	Shiv kumar, 2021, Base-Catalyzed Selective Deuteration of Alkynes, <i>ajoc</i> , 10, 2365-2369	2	3	3.3
2.	Kumar, A., Mishra, P. K., Saini, K. M., & Verma, A. K. (2021). Base-promoted synthesis of polysubstituted 4-aminoquinolines from ynones and 2-aminobenzonitriles under transition-metal-free conditions. <i>Advanced Synthesis &amp; Catalysis</i> , 363(10), 2546-2551.	2	5	5.8
2	Saini, K. M., Saunthwal, R. K., Kumar, A., & Verma, A. K. (2021). Tandem 6 $\pi$ -Azatriene Electrocyclization of Fused Amino-cyclopentenones: Synthesis of Functionalized Pyrrolo-and Indolo-quinoxalines. <i>Organic Letters</i> , 23(19), 7586-7591.	3	5	6.1
3	Aggarwal, T., Saini, K. M., & Verma, A. K. (2021). Radical Promoted Synthesis of Furoquinolines via Anomalous Dakin-Type Reaction. <i>Advanced Synthesis &amp; Catalysis</i> , 363(19), 4555-4560.	1	5	5.8
4	Successive Oxidation-Condensation Reactions using Multifunctional Gold supported Nanocomposite (Au/MgCe-HDO) L. Kumar, <b>Nishant Verma</b> , H. Sehrawat, R.Tomar, R Kumar, R. Chandra; <i>New J. Chem.</i> , 2022,46, 3472-3481;	0	8	3.59

**Monographs, Books, Chapters in National/International books with ISBN number.**

S.N.	Monographs, Books, Chapters in books Published with ISBN	Web-Link
1.	Pooja, Aggarwal, S., Laishram, S. (2021) Enhancing Skills in Chemistry, Ane Books Pvt. Ltd., ISBN: 978-939-06-5886-2	<a href="http://www.anebooks.com/bookdetails.asp?id=2321">http://www.anebooks.com/bookdetails.asp?id=2321</a>
2.	Chapter in book  <b>Issar, U.,</b> Arora, R. (2022). Theoretical Study on Catalytic Capture and Fixation of Carbon Dioxide by Metal–Organic Frameworks (MOFs). In: Gulati, S. (eds) Metal-Organic Frameworks (MOFs) as Catalysts. Springer, Singapore. pp 237–264  Print ISBN: 978-981-16-7958-2 Online ISBN: 978-981-16-7959-9	<a href="https://doi.org/10.1007/978-981-16-7959-9_9">https://doi.org/10.1007/978-981-16-7959-9_9</a>
3.	Chapter in book  Arora R., <b>Issar, U.</b> (2022). Computational Approach Toward Identification and Catalytic Degradation of Chemical Warfare Agents Using MOFs. In: Gulati, S. (eds) Metal-Organic Frameworks (MOFs) as Catalysts. Springer, Singapore. pp 431–451 Print ISBN: 978-981-16-7958-2 Online ISBN: 978-981-16-7959-9	<a href="https://doi.org/10.1007/978-981-16-7959-9_17">https://doi.org/10.1007/978-981-16-7959-9_17</a>
4.	Chapter in book  Issar, U., & Arora, R. (2021). Functionalized Carbon Nanomaterials (FCNMs): A Green and Sustainable Vision. In: Mallakpour, S and Hussain, C. M (eds) Environmental Applications of Carbon Nanomaterials-Based Devices. 395–422. Portico. Wiley Print ISBN:9783527348657  Online ISBN:9783527830978	<a href="https://doi.org/10.1002/9783527830978.ch17">https://doi.org/10.1002/9783527830978.ch17</a>

**Details of teachers invited as resource persons for Refresher courses, Orientation courses, Seminars, Workshops, Conferences at state, national and international levels.**

Name of Faculty	Resource Person for (Refresher courses, Orientation courses, Seminars, Workshops, Conferences)	Levels (National/ International/ State/University/College)
Dr. Meenakshi Verma	Invited as resource person and presented the topic "Quantum Chemistry & its Applications for B.Tech. Engineering Chemistry students organized by Amity Institute of Applied Sciences, Amity University held on 19/04/2022 from 12:15 PM to 01:15 PM on MS teams	University

**Awards/Prizes and recognitions received by teachers at University, State, National and International level:**

Sr. No.	Name of the teacher	Nature of Award	Level of Award	Money received if any (In Rs)
1	Dr. Mahesh Chand	First Position in paper presentation in INTERNATIONAL CONFERENCE RECENT TRENDS IN DRUG DISCOVERY AND DEVELOPMENT DEPARTMENT OF CHEMISTRY (Under the aegis of IQAC) Maitreyi College, University of Delhi, Chanakyapuri, New Delhi	International	–