



# Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

(Phone No. - 011-7121 9084 : Email - principal@kmc.du.ac.in)



Print Date : 15-02-2026

## 1. Personal Profile

Title: **Dr.** First Name: **MUKESH** Last Name: **CHANDRA JOSHI**

Designation: **ASSISTANT PROFESSOR** Mobile No. **9953006830**

Phone No. (Office) ----- Phone No. (Residence): -----

Email: **mukeshjoshi21@kmc.du.ac.in** Webpage: -----



Facebook: ----- Twitter: -----

LinkedIn: <https://www.linkedin.com/in/dr-mukesh-chandra-joshi-4b941330/> Instagram: -----

Youtube: ----- Research Gate Link: <https://orcid.org/0000-0002-4926-8871>

Google Scholar Link: -----

Address: **DEPARTMENT OF CHEMISTRY, KIRORIMAL COLLEGE UNIVERSITY OF DELHI DELHI-110007, INDIA**

## 2. Educational Qualifications

Degree/ Certification	Institution	Year
PhD	University of Delhi	2008
MSc	Kumaun University Nainital, Uttarakhand, India	2002
BSc	Kumaun University Nainital, Uttarakhand, India	2000

## 3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
CAREER PROFILE	ASSISTANT PROFESSOR	CHEMISTRY KIRORI MAL COLLEGE, DELHI	13.Oct.2022 - Till date	Organic Chemistry
CAREER PROFILE	ASSISTANT PROFESSOR	CHEMISTRY MOTI LAL NEHRU COLLEGE, DELHI	06.Feb.2013 - 12.Oct.2022	Teaching Organic chemistry at Undergraduate level
CAREER PROFILE	MEMBER	OTHERS KIRORI MAL COLLEGE, DELHI	01.Nov.2022 - 30.Jun.2024	Lab Management Committee Chemistry

CAREER PROFILE	MEMBER	CHEMISTRY KIRORI MAL COLLEGE, DELHI	01.Nov.2022 - Till date	Seminar Committee Chemistry
CAREER PROFILE	MEMBER	G20 COMMITTEE KIRORI MAL COLLEGE, DELHI	10.May.2023 - 11.May.2023	
CAREER PROFILE	POST DOCTORATE	CHEMISTRY University of Cape Town, Rhondebosch, Cape Town South Africa	01.Apr.2010 - 31.Dec.2011	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	SPORTS COUNCIL Kirori Mal College	01.Aug.2023 - 30.Jun.2025	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	RESEARCH COUNCIL Kirori Mal College	13.Jun.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CANTEEN COMMITTEE Kirori Mal College	01.Jul.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	REPRESENTATIVE	STANDING COMMITTEE FOR MONITORING ADMISSIONS Kirori Mal College	01.Jul.2023 - 30.Jun.2025	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	OTHERS Kirori Mal College	09.Nov.2024 - 09.Nov.2024	Lab management committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	OTHERS Kirori Mal College	01.Jul.2023 - 30.Jun.2024	Seminar Committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	OTHERS Kirori Mal College	01.Jul.2023 - 30.Jun.2024	Departmental Discipline Committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	OTHERS Kirori Mal College	06.Oct.2023 - 08.Oct.2023	Advisory Committee, International conference at Deshbandhu College DU
ADMINISTRATIVE ASSIGNMENTS	MEMBER	OTHERS Delhi Technological University	30.Nov.2023 - 02.Dec.2023	Advisory Committee, International conference at Delhi Technological University, Delhi
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CHEMISTRY Kirori Mal College	01.Jul.2023 - 30.Jun.2024	Lab Management committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CHEMISTRY Kirori Mal College	01.Jul.2024 - Till date	Departmental Time table committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CHEMISTRY Kirori Mal College	01.Jun.2024 - 30.Jul.2025	Purchase Committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CHEMISTRY Kirori Mal College	01.Jun.2024 - 30.Jul.2025	Lab Management Committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	PROCTOR & DISCIPLINE COMMITTEE Kirori Mal College	01.Jul.2024 - Till date	
ADMINISTRATIVE ASSIGNMENTS	COORDINATOR	IQAC Department of Chemistry, Kirori Mal College	19.Dec.2024 - 30.Jun.2025	Departmental IQAC coordinator for academic session 2024-2025

ADMINISTRATIVE ASSIGNMENTS	CONVENER	SPORTS COUNCIL Kirori Mal College	01.Jul.2025 - 30.Jun.2027	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	STANDING COMMITTEE FOR MONITORING ADMISSIONS Kirori Mal College	01.Jul.2025 - 30.Jun.2026	
CAREER PROFILE	MEMBER	STUDENT UNION ACTIVITIES COMMITTEE Kirori Mal College	01.Jul.2025 - 30.Jun.2027	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	ANTI-RAGGING Kirori Mal College	06.Aug.2025 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CHEMISTRY Kirori Mal College	02.Jul.2025 - 30.Jun.2026	Purchase committee member
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CHEMISTRY Kirori Mal College	01.Jul.2025 - Till date	Departmental Purchase committee member
ADMINISTRATIVE ASSIGNMENTS	MEMBER	STUDENT UNION ACTIVITIES COMMITTEE Kirori Mal College	01.Jul.2025 - 30.Jun.2027	
ADMINISTRATIVE ASSIGNMENTS	OTHERS	PROCTOR & DISCIPLINE COMMITTEE Kirori Mal College	21.Nov.2025 - 22.Nov.2025	Interim Proctor
ADMINISTRATIVE ASSIGNMENTS	OTHERS	PROCTOR & DISCIPLINE COMMITTEE Kirori Mal College	21.Nov.2025 - 22.Nov.2025	Interim Proctor

#### 4. Other Profiles

##### Other Profile Name/ Description

##### WORKSHOP/ SEMINAR/ CONFERENCE/ WEBINAR ORGANIZED

Organized: *International Conference* on “**Contribution of Acharya Prafulla Chandra Ray as a Chemist and Freedom Fighter**” held on 02-03 Aug, 2022 as a part of the Azadi ka Amrit Mahotsav organized by Vijnana Bharti & Ministry of Culture, Govt. of India in association with Indraprastha Vigyan Bharti and Department of Chemistry, University of Delhi

## CONTRIBUTION TOWARDS DEVELOPMENT OF E-CONTENTS/ MOOCS

**E-Content in Four Quadrant Format:** By **Mukesh C. Joshi**, Prof. Diwan S. Rawat: **(2017): e-PG Pathshala** Project by Union Grant Commission (UGC) under the National Mission on Education through Information and Communication and Technology (NMEICT) mission of Ministry of Human Resource and Development (MHRD), Government of India.

### Web Link:

<https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=13G8VouhmrFfuhs6rkiyTA==>

**Subject:** CHEMISTRY; **Paper Name:** P05. Organic Chemistry-II (Reaction Mechanism-1) (35)

Module No	Module Title	(Module Tag)
M11.	Introduction to S <sub>N</sub> 2	(CHE_P5_M11)
M12.	S <sub>N</sub> 1 Reactions	(CHE_P5_M12)
M13.	Mixed S <sub>N</sub> 1 and S <sub>N</sub> 2	(CHE_P5_M13)
M14.	SET Reactions	(CHE_P5_M14)
M15.	The Neighbouring Mechanism, Neighbouring Group Participation by ? and ? Bonds	(CHE_P5_M15)
M16.	Neighbouring Group Participation in SN reactions, Anchimeric Assistance	(CHE_P5_M16)
M17.	Nucleophilic Substitution at an Allylic, Aliphatic Trigonal and SN <sub>i</sub> Reactions and Nucleophilic Substitution at a Vinylic Carbon, reactivity Effects of Substrate	(CHE_P5_M17)
M18.	Reactivity Effects of Attacking Nucleophile, Leaving Group and Reaction Medium	(CHE_P5_M18)
M19.	Ambident Nucleophile and Regioselectivity	(CHE_P5_M19)
M20.	Common Carbocation Rearrangements and Non Classical Norbornyl Cation	(CHE_P5_M20)
M21.	Phase Transfer Catalysis	(CHE_P5_M21)
M22.	Ultrasound	(CHE_P5_M22)
M23.	SE2 Reactions	(CHE_P5_M23)
M24.	SE <sub>i</sub> Reactions	(CHE_P5_M24)
M25.	SE1 Reactions	(CHE_P5_M25)
M26.	Effect of Substrates, leaving group and the solvent polarity on the reactivity in electrophilic aliphatic substitution reactions	(CHE_P5_M26)
M27.	Substitution Accompanied by Double Bond Shifts	(CHE_P5_M27)

## MEMBERSHIPS IN ACADEMIC/ PROFESSIONAL BODIES

Life Member (L14929): Indian Science Congress Association (ISCA), India

## MEMBERSHIPS IN ACADEMIC/ PROFESSIONAL BODIES

South African Chemical Institute (SACI), South Africa, 2010 – 2011

**AREAS OF INTEREST/ SPECIALIZATION**

Organic and Medicinal Chemistry  
Natural Product  
Pharmacovigilance

**SUBJECTS TAUGHT**

Organic Chemistry, Pharmaceutical Chemistry, Green Chemistry  
Biomolecules, Heterocyclic Chemistry, Pesticide Chemistry

**OTHERS****RESEARCH SCIENTIST**

ChemBioTek A TCG Life sciences Ltd., Kolkata, West Bengal, India

March 2008 - June 2009

**OTHERS****RESEARCH SCIENTIST**

Sphaera Pharma Drug & Discovery Pvt. Ltd., Manesar, Haryana, India.

July 2009 - Mar 2010

**WORKSHOP/ SEMINAR/ CONFERENCE/ WEBINAR ORGANIZED**

4<sup>th</sup> *National Conference* on “**Emerging Trends & Future Challenges in Chemical Sciences**” “**ETFC-2024**”, held on 12-13 Feb, 2024, organized by Department of Chemistry, Kirori Mal College, University of Delhi

**5. Research Guidance**

Year	Guide For	Title of the Dissertation/ Thesis	Scholar Name	Status
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**6. Research Projects**

Year	Title of Project	Sponsorship Agency	Duration	Amount Sanctioned	Date of Sanction
2021	Sustainable synthesis of biologically active indolizine and tetrahydroindolizine derivatives	Faculty Research Programme Grant – Institute of Eminence' Ref. No./IoE/2021/12/FRP in Dept. of Chemistry, University of Delhi	1 year	240000	29.Oct.2021

7. Publications					
Category	Publication Name	Title	Name of Author	Reference Link/ DOI Link	Publication (Month, Year)
JOURNAL PAPER (International)	Synergistic antimicrobial activity, MD simulation studies and crystal structure of natural alcohol motif containing novel substituted cinnamates.	J. Biomolecular Str. Dynamic.	I. Irfan, A. Ali, A. Ubaid, Y. Sherwani, B. Arora, Md. M. Khan, M.C. Joshi, M. Abid, (Joint Author)	<a href="https://doi.org/10.1080/07391102.2023.2194004">https://doi.org/10.1080/07391102.2023.2194004</a>	March 2023
JOURNAL PAPER (International)	Conventional Medicinal Uses and Chemical Structure of Important Secondary Metabolites in the Genus Eremostachys: A Literature Review.	Biosc. Biotech. Res. Comm.	A. M. Khan, N. K. Agnihotri, V. K. Singh, M. C. Joshi, K. Kumar (Joint Author)	<a href="http://dx.doi.org/10.21786/bbrc/15.1.5">http://dx.doi.org/10.21786/bbrc/15.1.5</a>	March 2023
JOURNAL PAPER (International)	Metallo-aminoquinones as next generation antimalarials.	Curr. Top. Med. Chem.	M. Abid, S. Singh, T.J. Egan, M.C. Joshi (Corresponding Author)	DOI: 10.2174/1568026622666220105103751	January 2023
JOURNAL PAPER (International)	Development of oxadiazole-sulfonamide-based compounds as potential antibacterial agents.	ACS Omega	4. A. Ali, P. Hasan, M. Irfan, A. Uddin, A. Khan, J. Saraswat, R. Maguire, K. Kavanagh, R. Patel, M.C. Joshi, A. Azam, M. Mohsin, Q.M.R. Haque, M. Abid (Joint Author)	<a href="https://doi.org/10.1021/acsomega.1c03379">doi.org/10.1021/acsomega.1c03379</a>	October 2022
JOURNAL PAPER (International)	Secondary Metabolites of Genus Nardostachys and their Medicinal Importance- Recent Updates	Am. J. Phytomed. Clin. Ther.	5. A.M. Khan, V.K. Singh, N.K. Agnihotri, M.C. Joshi, K. Kumar (Joint Author)	DOI: : 10.36648/2321-2748.9.3.10	March 2023

JOURNAL PAPER (International)	Synthesis and characterization of novel phenoxy-substituted enediyne-triazole-conjugates using Click chemistry.	Lett. Org. Chem.	M.C. Joshi (Sole Author)	DOI: 10.2174/1570178617999200619112911	Ju 20
JOURNAL PAPER (International)	Quinoline containing side-chain antimalarial analogs: Recent advances and therapeutic application.	Curr. Top. Med. Chem.	M.C. Joshi, T.J. Egan (Corresponding Author)	DOI: 10.2174/1568026620666200127141550	Ma 20
JOURNAL PAPER (International)	Heteroleptic metal (II) complexes of curcumin and 2,2'-bipyridine: Synthesis, characterization, molecular modeling and preliminary antimicrobial investigation.	Rev. Roum. Chim.	S. Lal, M.C. Joshi, S. Hooda, V. Kumar (Joint Author)	<a href="http://revroum.lew.ro/wp-content/uploads/2018/04/Art%2006.pdf">http://revroum.lew.ro/wp-content/uploads/2018/04/Art%2006.pdf</a>	Ap 20
JOURNAL PAPER (International)	Quinoline antimalarials containing a dibemethin group are active against chloroquine resistant. Falciparum and inhibit chloroquine transport via PfCRT.	J. Med. Chem.	V. Zhishiri, M.C. Joshi, R. Hunter, K. Chibale, P.J. Smith, R.L. Summers, R.E. Martin, T.J. Egan (Joint Author)	<a href="https://doi.org/10.1021/jm2009698">https://doi.org/10.1021/jm2009698</a>	Au 20
JOURNAL PAPER (International)	Sportsmen's energy package Cordyceps sinensis: Medicinal importance and responsible phytochemical constituents	Am. J. Essent. Oil Nat. Pro.	Y.C. Joshi, M.C. Joshi, V. Chopra, R.K. Joshi, R.K. Sharma, V. Kumar (Joint Author)	<a href="https://www.essencejournal.com/pdf/2017/vol5issue2/PartA/5-2-2-933.pdf">https://www.essencejournal.com/pdf/2017/vol5issue2/PartA/5-2-2-933.pdf</a>	Ma 20
JOURNAL PAPER (International)	Potent Phosphatidylinositol 3-Kinase inhibitors and their biology.	Curr. Drug Discv. Tech.	M.C. Joshi, K. Kumar, V. Kumar (First Author, Corresponding Author)	DOI: 10.2174/1570163810666131229130207	Ap 20

JOURNAL PAPER (International)	In vitro antimalarial activity, $\alpha$ -haematin inhibition and structure–activity relationships in a series of quinoline triazoles.	Eur. J. Med. Chem.	M.C. Joshi, K.J. Wicht, D. Taylor, R. Hunter, P.J. Smith, T.J. Egan (First Author)	<a href="https://doi.org/10.1016/j.ejmech.2013.08.046">https://doi.org/10.1016/j.ejmech.2013.08.046</a>	Se 20
JOURNAL PAPER (International)	Antibacterial and cytotoxic activities of diterpenoids isolated from Indian <i>Plectranthus coesta</i>	Rec. Nat. Prod.	S. Waldia, N. Kaushik, A.K. Verma, B.C. Joshi, U. Pathak, M.C. Joshi (Corresponding Author)	<a href="https://acgpubs.org/doc/2018080909354654-RNP-1302-261.pdf">https://acgpubs.org/doc/2018080909354654-RNP-1302-261.pdf</a>	Oc 20
JOURNAL PAPER (International)	Synthesis and characterization of novel acyclic enediynes.	Synth. Commun.	M.C. Joshi (Sole Author)	<a href="https://doi.org/10.1080/00397911.2012.698355">https://doi.org/10.1080/00397911.2012.698355</a>	Ju 20
JOURNAL PAPER (International)	Recent developments in enediyne chemistry	Chem. Biodiver	M.C. Joshi*, D.S. Rawat (First Author, Corresponding Author)	<a href="https://doi.org/10.1002/cbdv.201100047">https://doi.org/10.1002/cbdv.201100047</a>	Ma 20
JOURNAL PAPER (International)	4-Aminoquinoline antimalarials containing a benzylmethylpyridyl methylamine group are active against drug resistant <i>P. falciparum</i> and exhibit oral activity in Mice,	J. Med. Chem.	M.C. Joshi, J. Okombo, S. Nsumiwa, J. Ndove, D. Taylor, L. Wiesner, R. Hunter, K. Chibale, T.J. Egan (First Author)	<a href="https://doi.org/10.1021/acs.jmedchem.7b01537">https://doi.org/10.1021/acs.jmedchem.7b01537</a>	No 20
JOURNAL PAPER (International)	Synthesis and characterization of novel acyclic assymmetrical and symmetrical enediyne-triazole conjugates.	Arkivoc	M.C. Joshi (Sole Author)	<a href="http://dx.doi.org/10.3998/ark.5550190.0012.a12">http://dx.doi.org/10.3998/ark.5550190.0012.a12</a>	Au 20
JOURNAL PAPER (International)	Synthesis and anticancer activity of 13-membered cyclic enediynes.	Arch. Pharm. Chem. Life Sci.	M. Sharma, M.C. Joshi, V. Kumar, S.V. Malhotra, D.S. Rawat (Joint Author)	<a href="https://doi.org/10.1002/ardp.201000309">https://doi.org/10.1002/ardp.201000309</a>	Au 20



JOURNAL PAPER (International)	Genus Plectranthus in India and its chemistry. Chem. Biodiver.	Chem. Biodiver	S. Waldia, B.C. Joshi, U. Pathak, M.C. Joshi (Corresponding Author)	<a href="https://doi.org/10.1002/cbdv.201000048">https://doi.org/10.1002/cbdv.201000048</a>	Fe 20
JOURNAL PAPER (International)	Syntheses and antibacterial activity of phendioxy substituted cyclic enediynes.	Bioorg. Med. Chem. Let.	M.C. Joshi, G. Bisht, D.S. Rawat, (First Author)	<a href="https://doi.org/10.1016/j.bmcl.2007.03.007">https://doi.org/10.1016/j.bmcl.2007.03.007</a>	Ma 20
JOURNAL PAPER (International)	Microwave assisted synthesis of symmetrically and asymmetrically substituted acyclic enediynes.	Arkivoc	M.C. Joshi, P. Joshi, D.S. Rawat (First Author)	<a href="http://dx.doi.org/10.3998/ark.5550190.0007.g08">http://dx.doi.org/10.3998/ark.5550190.0007.g08</a>	De 20
JOURNAL PAPER (International)	Blood-stage antimalarial activity, favourable metabolic stability and in vivo toxicity of novel piperazine linked 7-chloroquinoline-triazole conjugates.	Eur. J. Med. Chem.	A. Uddin, S. Gupta, R. Shoaib, B. Aneja, I. Irfan, K. Gupta, N. Rawat, J. Combrinck, B. Kumar, M. Aleem, P. Hasan, M.C. Joshi, Y.S. Chhonker, M. Zahid, A. Hussain, K. Pandey, M.F. Alajmi, D.J. Murry, T.J. Egan, S. Singh, M. Abid, (Joint Author)	<a href="https://doi.org/10.1016/j.ejmech.2023.115969">https://doi.org/10.1016/j.ejmech.2023.115969</a>	Ja 20
JOURNAL PAPER (International)	Biological evaluation of novel side chain containing CQTrICh-analogs as antimalarials and their development as PfCDPK1 kinase inhibitors.	Heliyon	I. Irfan, A. Uddin, R. Jain, A. Gupta, S. Gupta, J.V. Napoleon, A. Hussain, M.F. Alajmi, M.C. Joshi, P. Hasan, P. Kumar, M. Abid, S. Singh, (Joint Author)	<a href="https://doi.org/10.1016/j.heliyon.2024.e25077">https://doi.org/10.1016/j.heliyon.2024.e25077</a>	Ja 20

JOURNAL PAPER (International)	Morphology, chemical composition, and biological activities of Aconitum balfourii: a comprehensive review of important Himalayan and highly exploited medicinal plant.	Vegetos	V. Kumar, R.K. Sharma, S.K. Singh, K. Arora, M.C. Joshi, P. Rawat, M Singh (Joint Author)	<a href="https://doi.org/10.1007/s42535-024-00995-0">https://doi.org/10.1007/s42535-024-00995-0</a>	Au 20
JOURNAL PAPER (International)	Advanced TiO <sub>2</sub> -polypyrrole nanostructures enhance glucose detection accuracy with cutting-edge non-enzymatic electrochemical capabilities.	Chem. Phy. Impact	A. Thakur, S. Pal, U. Sharma, A. Sharma, M. Choudhary, M.C. Joshi, H.D. Setiabudi, P.P. Singh, A. Singh, S.K. Shukla (Joint Author)	<a href="https://doi.org/10.1016/j.chphi.2025.100818">https://doi.org/10.1016/j.chphi.2025.100818</a>	Ja 20
JOURNAL PAPER (International)	3D Printing of hausa potato starch: Assessing a new dimension of cold plasma treatment using varied feed gas.	Int. J. Biol. Macromol.	P.P. Akhila, K.V. Sunooj, M.R. Nemtanu, T. Sakshi, B. Aaliya, M. Navaf, A. Annamalai, B. Indumathy, S. Yugeswaran, S.K. Sinha, D.N. Yadav, M.C. Joshi, A. Jebreen, K.P. Sudheer, J. George (Joint Author)	<a href="https://doi.org/10.1016/j.ijbiomac.2025.140655">https://doi.org/10.1016/j.ijbiomac.2025.140655</a>	Fe 20
JOURNAL PAPER (International)	Synthesis and mechanistic studies of 4-aminoquinoline-Isatin molecular hybrids and Schiff's bases as promising antimicrobial agents.	Eur. J. Med. Chem.	M. Shakir, A. Ali, S. Laxmi, M. Garg, H.T.A. Almuqdadi, I. Irfan, M. Kamthan, M.C. Joshi, S. Javed, D.S. Rawat, M. Abid (Joint Author)	<a href="https://doi.org/10.1016/j.ejmech.2024.117127">https://doi.org/10.1016/j.ejmech.2024.117127</a>	De 20

CONFERENCE PAPER/ PROCEEDINGS (International)	Marine peptides and related compounds in clinical trial.	Anti-Can. Age.-Med. Chem.	D.S. Rawat, M.C. Joshi, P. Joshi, H. Atheaya (Joint Author)	DOI: 10.2174/187152006774755519	De 20
CONFERENCE PAPER/ PROCEEDINGS (International)	In vitro Antimalarial activity against P. falciparum (CQS-10 and CQR-K1 strain) and $\alpha$ -Haematin inhibition of novel synthesized Quinoline-Triazole analogues.	In Proceedings of the The 21st International Electronic Conf. on Syn. Org. Chem., Sciforum Electronic Conference Series	M.C. Joshi, T.J. Egan (First Author, Corresponding Author)	DOI:10.3390/ecsoc-21-04713	Ne 20
CHAPTER (International)	Herbs and Spices - New Processing Technologies (Chapter 7: Herbs and Spices—New Processing Technologies. Syzygium aromaticum: Medicinal Properties and Phytochemical Screening)	IntechOpen	Vikrant Kumar, Deepak Mishra, Mukesh Chandra Joshi, Priyanka Mishra, Megha Tanwar (Joint Author)	<a href="https://www.intechopen.com/books/10907">https://www.intechopen.com/books/10907</a>	De 20

## 8. Books

Category	Book Name	Title	Name of Author	ISSN/ ISBN Number
BOOK (International)	Pharmaceutical Chemistry	Mukesh C. Joshi, K. Kumar (First Author)	I.K. International Pvt. Ltd.	978-93-86768-42-1

## 9. Faculty Achievements

Year	Category of Achievement	Role	National/ International etc.	Name	Date From-To
2021	REFRESHER COURSE ATTENDED	ASSISTANT PROFESSOR	National	Outcome based Education and Technology in Higher Education	14.Jul.2021 - 03.Aug.2021
2021	REFRESHER COURSE ATTENDED	ASSISTANT PROFESSOR	National	Natural Sciences	20.Sep.2021 - 04.Oct.2021

2022	REFRESHER COURSE ATTENDED	ASSISTANT PROFESSOR	National	Chemistry	29.Nov.2022 - 13.Dec.2022
2021	FACULTY INDUCTION PROGRAM ATTENDED	ASSISTANT PROFESSOR	National	Faculty in Universities/Colleges/Institutes of Higher Education	19.Oct.2021 - 18.Nov.2021
2022	FACULTY INDUCTION PROGRAM ATTENDED	ASSISTANT PROFESSOR	National	Faculty in Universities/Colleges/Institutes of Higher Education	20.Oct.2022 - 18.Nov.2022
2021	WEBINAR ATTENDED	ASSISTANT PROFESSOR	National	Teacher's e-Kit: A Four Quadrant Approach for Development of OERs for Higher Education	09.Sep.2021 - 09.Sep.2021
2023	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	CHAIRPERSON	International	International conference on Integrative Chemical Science for Health & Environment, ICHE-2023	06.Oct.2023 - 08.Oct.2023
2023	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	INVITED SPEAKER	International	International Conference on the Science of Rudraksha ICSR 2023	27.Oct.2023 - 28.Oct.2023
2023	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	CHAIRPERSON	International	International Conference on the Science of Rudraksha ICSR 2023	27.Oct.2023 - 28.Oct.2023
2023	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	CHAIRPERSON	International	International Conference, CARBO XXXVII: International Conference on Basic, Analytical and Allied Sciences at the Interface of Carbohydrates and Biomass Valorisation	30.Nov.2023 - 02.Dec.2023
2024	NATIONAL/ INTERNATIONAL FELLOWSHIPS (IOE, FRSC, etc.) ATTENDED	OTHERS	National	Summer Faculty Research Fellow Programme (SFRF-2024) Hybrid mode )	20.May.2024 - 12.Jul.2024
2025	FACULTY DEVELOPMENT PROGRAM ATTENDED	ASSISTANT PROFESSOR	National	NEP-2020 Orientation & Sensitization Program under Malaviya Mission Teachers Teaching program (MM -TTP) of UGC	14.Feb.2025 - 22.Feb.2025
2025	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	RESOURCE PERSON	National	Development and Integration of Personalized Adaptive Learning on DIKSHA (for 3 days)	13.Jan.2025 - 31.Jan.2025
2025	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	CHAIRPERSON	International	International conference on recent advancements in material and chemical sciences (RAMCS-2025)	19.Sep.2025 - 20.Sep.2025

2025	REFRESHER COURSE ATTENDED	PARTICIPANT	National	"Holistic Empowerment for Stress Management: A Multidisciplinary Approach Integrating Literature, Arts, Social Sciences and Medicine"	01.Jul.2025 - 14.Jul.2025
2025	FACULTY DEVELOPMENT PROGRAM ATTENDED	PARTICIPANT	National	NEP 2020 Orientation & Sensitization Programme	18.Jul.2025 - 26.Jul.2025
2025	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	INVITED SPEAKER	National	National Conference on Recent Developments in Physical & Chemical Sciences (NCRDPCS-2025); INVITED TALK- Topic: "Synthesis and antimalarial Potential of Novel Side Chain Containing 4-Aminoquinolines"	14.Nov.2025 - 15.Nov.2025

**Dr. MUKESH CHANDRA JOSHI**