



चौधरी चरण सिंह विश्वविद्यालय, मेरठ, उत्तर प्रदेश
Chaudhary Charan Singh University, Meerut, Uttar Pradesh
(Formerly, Meerut University)

Title		Photograph
Name	Dr. MeenuTeotia	
Designation	Assistant Professor	
Department	DEPARTMENT OF CHEMISTRY	
Address (Campus)	3/24 rakshapuram mawana road meerut Uttar Pradesh , Meerut , 250001	
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EDUCATIONAL QUALIFICATION DETAILS

Examination	Stream	Subject	Board/University/Institute	Passing Year
12TH	SCIENCE	CBSE	PHYSICS CHEMISTRY BIOLOGY ENGLISH HINDI	1992
UG	CBZ	CH. CHARAN SINGH UNIVERSITY MEERUT	CHEMISTRY BOTANY ZOOLOGY	1995
PG	CHEMISTRY	MJP ROHAILKHAND UNIVERSITY BAREILLY	CHEMISTRY	1998
CSIR-NET (LS)	CHEMISTRY	CSIR-UGC	CHEMISTRY	2003
CSIR-NET (JRF)	CHEMISTRY	CSIR-UGC	CHEMISTRY	2004
PH.D	CHEMISTRY	CH. CHARAN SINGH UNIVERSITY MEERUT	CHEMISTRY	2011

DETAILS OF SERVICE(TILL DATE)

Employer's Name & Address	Designation	Type	Date(From)	Date(To)	Total Exp.
Ch. Charan Singh University, Meerut	Assistant Professor	Ad-hoc/Contractual	2019-03-08	Till Present	2 years , 10 months, 3 days
Ch. Charan Singh University, Meerut	Teaching Assistant	Ad-hoc/Contractual	2018-07-16	2019-03-07	0 years , 7 months, 24 days
Ch. Charan Singh University, Meerut	Research Associate	Fixed Term	2015-07-08	2018-07-07	3 years , 0 months, 0 days
Ch. Charan Singh University, Meerut	Teaching Assistant	Ad-hoc/Contractual	2014-10-31	2015-06-30	0 years , 8 months, 2 days
Ch. Charan Singh University, Meerut	Guest Faculty	Guest Faculty	2010-08-08	2014-10-30	4 years , 2 months, 24 days

LEAVE DETAILS (DURING THE JOB IN CCS UNIVERSITY)

Type of Leave	Date (From)	Date (To)	Paid/Non-Paid			
Medical Leave	2020-12-21	2021-01-07	Paid			
SEMINARS / CONFERENCES / WORKSHOPS / ETC.						
Type of Participation	Type	Topic	Date(From-To)	Organizing Institute	Mode of participation	Financial assistance
As Organizing Secretary	Conferences	A route for new molecules from Polyethylene Terephthalate waste	2022-09-22 - 2022-09-24	International Conference on Green Technology Issues and Challenges	Offline	
As Organizing Secretary	Conferences	Recent Advancements in Chemistry	2012-09-29 - 2012-09-30	Recent Advancements in Chemistry" RAC 2012 organized by Department of Chemistry, C.C.S. University, Meerut	Offline	
As Participant Only	Seminars	Technical Terminology and Chemical Sciences	2017-11-10 - 2017-11-11	Commission for Scientific and Technical Terminology, organized at S.S.V. College, Hapur	Offline	
As Participant Only	Seminars	-	2011-10-01 - 2011-10-01	National seminar on Chemistry-our life-our future organized by RG (PG) College, Meerut	Offline	
As Participant Only	Webinars	Carrer opportunities in Defense Technology	2022-02-18 - 2022-02-18	UPES Tech series webinar	Online	
As Participant Only	Workshop	Introduction, Synthesis and Characterization of Nanomaterials (ISCN-2019)	2019-12-16 - 2019-12-21	Centre for International Cooperation, Ch. Charan Singh University, Meerut & Central Connecticut State University, New Britain, USA	Offline	
As Participant Only	Workshop	Electro-analytical Techniques	2019-01-15 - 2019-01-17	Department of Chemistry, C.C.S. University, Meerut	Offline	
As Participant Only	Workshop	Radioactivity and Radioanalytical Techniques	2017-09-25 - 2017-09-27	Department of Chemistry, C.C.S. University, Meerut	Offline	
As Participant Only	Workshop	Technology development and transfer to Industry- Challenges & Opportunities	2015-03-31 - 2015-03-31	Industry Consultancy Cell, Ch. Charan Singh University, Meerut	Offline	
As Participant Only	Workshop	Water treatment at low cost	2014-02-28 - 2014-03-01	Department of Chemistry, C.C.S. University, Meerut	Offline	
Delivered a lecture/Resource Person	Invited Lecture/Resource Person	Thermal Analysis	2017-05-05 - 2017-05-06	Department of Chemistry, C.C.S. University, Meerut	Offline	
Presented a Paper	Conferences	PEG dimethacrylates from Poly (ethylene glycols) A green synthetic route	2020-02-15 - 2020-02-16	National Conference on Science & Technology: Rural Development	Offline	
Presented a Paper	Conferences	Liquid Interlayer based UV cured Laminated glasses	2019-08-09 - 2019-08-11	24th International Conference of International Academy of Physical Sciences,	Offline	
Presented a Paper	Conferences	Viscoelastic properties of UV light mediated Polymers	2016-11-20 - 2016-11-22	National conference on Science and Technology for National development, organized by The Indian Science Congress Association: Haridwar Chapter and Gurukul Kangri University, Haridwar	Offline	
Presented a Paper	Conferences	Radiation Curing: Future Technology	2014-11-29 - 2014-11-30	Future perspectives of Science and Technology in Society and Governance (FPSTSG-2014) organized at SSV College, Hapur	Offline	
Presented a Paper	Conferences	Green buildings: A future REQUIREMENT	2014-03-22 - 2014-03-23	National Conference ISCA Haridwar Chapter "Innovations in Science and Technology for Inclusive development" organized at Department of Chemistry, C.C.S. University	Offline	

Presented a Paper	Conferences	Future prospects of Safety and Architectural Glasses	2014-03-22 - 2014-03-23	National Conference ISCA Haridwar Chapter 'Innovations in Science and Technology for Inclusive development" organized at Department of Chemistry, C.C.S. University, Meerut	Offline	
Presented a Paper	Conferences	Studies on Thermal Stability and Glass Transition Temperature of UV Cured Films	2014-02-03 - 2014-02-05	101st Indian Science Congress held at Jammu University, Jammu	Offline	
Presented a Paper	Conferences	Advances in Laminated glasses	2013-11-09 - 2013-11-10	Emerging trends in Engineering & Sciences held at Gurukul Kangri University, Haridwar	Offline	
Presented a Paper	Conferences	Ecofriendly UV Curing Technology	2012-02-11 - 2012-02-13	Gurukul Kangri University, Haridwar	Offline	
Presented a Paper	Conferences	Comparative studies on Bioremediation of water in conjunction with terephthalamide obtained from PET waste	2012-02-11 - 2012-02-13	Gurukul Kangri University, Haridwar	Offline	
Presented a Paper	Conferences	Impact of Zinc oxide on UV Absorbance and mechanical properties of UV Cured films	2011-05-26 - 2011-05-29	THE UNION OF CHEMISTS in BULGARIA at SOFIA, BULGARIA	Offline	
Presented a Paper	Conferences	Radiation curable formulations for green building	2010-01-27 - 2010-01-30	Department of Chemistry, C.C.S. University, Meerut	Offline	
Presented a Paper	Conferences	Improvement of adhesion and impact properties of safety glasses by using an acrylate oligomer" derived from PET waste	2010-01-27 - 2010-01-30	Department of Chemistry, C.C.S. University, Meerut	Offline	
Presented a Paper	Conferences	Vibrational and Nuclear Magnetic Resonance spectra of N, N' bis-(2-propenamido) benzene 1, 4 dicarboxamide	2010-01-03 - 2010-01-07	98th Indian Science Congress, SRM University Chennai, India	Offline	
Presented a Paper	Seminars	Application of UV Curing in preparation of Laminated glasses	2018-01-28 - 2018-01-29	Innovative techniques in Scientific research and skill development organized by Meerut college, Meerut	Offline	
Presented a Paper	Seminars	Laminated Glasses for Structural and Architectural Applications	2012-09-29 - 2012-09-30	Department of Chemistry, C.C.S. University, Meerut	Offline	

ORIENTATION/REFRESHER COURSE / TRAINING / SUMMER SCHOOL/QIP/FIP

Title	Type of Course	Institute Name with Details	Duration (From - To)	Mode
Orientation Programme	Curriculum development in the light of NEP 2020	Electronics & ICT academics, PDPM IIT DM Jabalpur, IIT Roorkee, MNIT Jaipur and NIT Patna	2022-08-08 - 2022-08-19	Online
Refresher Course	The Quintessential Educator-Challenges and Opportunities in the Changing world	ARSD College, University of Delhi in collaboration with Teaching learning centre, Ramanujan College, University of Delhi under the aegis of Ministry of Education, Pandit Madan Mohan Malviya National Mission on Teachers and Teaching	2021-08-23 - 2021-09-06	Online

RESEARCH PAPERS IN PEER-REVIEWED JOURNALS

Title of the paper	Name of Journal	Vol issue & page no.	ISSN No	Month & Year of Publication	UGC/Scopus/web of science	Name of Author's	Author	Link of Article/Paper/Abstract
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					approved journals			
Facile synthesis, characterization, and ab-initio DFT simulations of energy efficient NN' dialkyl 1, 4 benzene dicarboxamide monomers recovered from PET bottle waste	Journal of Applied Polymer Science	137(43) 49321	1097-4628	2020-11-15	Scopus/ Web of Science/UGC-CARE	Meenu Teotia, Mohit Chauhan, Aamir Khan, Rakesh K Soni	Main Author	https://doi.org/10.1002/app.49321
Novel dual peptisers and curing agents derived from PET waste as N-alkyl benzene dicarboxamides for EDPM waste	Applied Innovative Research	1 149-152	2581-8198	2020-10-19	Other	Mohit Chauhan, Meenu Teotia, Rakesh Kumar Soni	Co-Author	http://op.niscair.res.in/index.php/AIR/article/view/25845
Flame Profile Measurement of Cu (II) based Salen Complex Filled Thermally Stabilized PVC Sheets by Cone Calorimeter	Journal of Scientific & Industrial Research	79 582-585	0022-4456	2020-07-01	Scopus/ Web of Science/UGC-CARE	RK Soni, Aakansha Sharma, T Akitsu, Meenu Teotia	Co-Author	http://nopr.niscair.res.in/handle/123456789/54995
Improvement of Thermal Insulation and Crack Resistance of Plaster of Paris Composites at High Temperature	Journal of Scientific & Industrial Research	79 344-347	0022-4456	2020-04-01	Scopus/ Web of Science/UGC-CARE	Mohit Chauhan, Meenu Teotia, RK Soni	Co-Author	http://nopr.niscair.res.in/handle/123456789/54363
Prevention of PVC degradation through Organic Terephthalamides generated from PET waste	Journal of Applied Polymer Science	136 (40) 48022	1097-4628	2019-10-20	Scopus/ Web of Science/UGC-CARE	Anjali Verma, Rakesh Kumar Soni, Meenu Teotia	Corresponding Author	https://doi.org/10.1002/app.48022
Photocured Characteristics of fast Photocurable acrylic formulations & investigations by Differential Photo Calorimeter	Journal of thermal analysis and Calorimetry	137(1) 133-141	1388-6150	2019-07-01	Scopus/ Web of Science/UGC-CARE	Meenu Teotia, Mohit Chauhan, Peeyush Choudhary, Rakesh Kumar Soni	Main Author	https://doi.org/10.1007/s10973-018-7907-2
Structure-based rational design, synthesis, crystal structure, DFT and molecular docking of 1, 4 benzene dicarboxamide isomers with application as hardeners	New Journal of Chemistry	43(21) 7972-7983	1369-9261	2019-04-22	Scopus/ Web of Science/UGC-CARE	Meenu Teotia, Nazia Tarannum, Mohit Chauhan, Rakesh Kumar Soni	Main Author	https://doi.org/10.1039/C9NJ01560D
Salen Type Copper (II) Complexes as Flame Retardants for PVC Sheets	Journal of Scientific and Industrial research	78 46-49	0022-4456	2019-01-01	Scopus/ Web of Science/UGC-CARE	Meenu Teotia, Anjali Verma, Takashiro Akitsu, Shinnosuke Tanaka, Tomoyuki Haraguchi, RK Soni	Main Author	http://nopr.niscair.res.in/handle/123456789/45691
Applications of Finite Element Modelling in Failure Analysis of Laminated glass Composites: A Review	Engineering Failure analysis	94 412-437	1350-6307	2018-12-01	Scopus/ Web of Science/UGC-CARE	Meenu Teotia RK Soni	Main Author	https://doi.org/10.1016/j.engfailanal.2018.08.016
Depolymerization of PET Waste to Potentially Applicable Aromatic Amides: Their	Journal of Applied Polymer Science	134 (31)45153	1097-4628	2017-08-15	Scopus/ Web of Science/UGC-CARE	Meenu Teotia, Nazia Tarannum, Rakesh Kumar Soni	Main Author	https://doi.org/10.1002/app.45153

Characterization and DFT Study								
TGA decomposition and Flame profile measurement of Terephthalamide stabilized PVC by Cone calorimeter	Journal of Scientific and Industrial research.	76(07) 438-441	0022-4456	2017-07-01	Scopus/ Web of Science/UGC-CARE	M Teotia, A Verma, T Akitsu, S Tanaka, K Takahashi, R Kumar Soni	Main Author	http://nopr.niscair.res.in/handle/123456789/42322
Fracture analysis of UV cured Acrylic Resin Interlayer based Laminated glasses	Journal of Scientific and Industrial research	76 160-165	0022-4456	2017-01-10	Scopus/ Web of Science/UGC-CARE	Meenu Teotia RK Soni	Main Author	http://nopr.niscair.res.in/handle/123456789/40648
Applications of Egg Shell and Egg Shell Membrane as adsorbents: A Review	Journal of Molecular liquids	223 376-387	0167-7322	2016-11-01	Scopus/ Web of Science/UGC-CARE	Alok Mittal, Meenu Teotia, RK Soni, Jyoti Mittal	Co-Author	https://doi.org/10.1016/j.molliq.2016.08.065
Improvement in Impact properties of Laminated glass panels through surface treatment and Silane coupling agent	Journal of Indian Chemical Society	93(6) 639-648	194522	2016-01-06	Scopus/ Web of Science/UGC-CARE	Meenu Teotia RK Soni	Main Author	https://apps.webofknowledge.com/CitedFullRecord.do?product=WOS&search_mode=CitedFullRecord&isickref=WOS:000380621800011
Polymer Interlayers for glass lamination- A Review	International Journal of Science and Research	3(8) 1264-1270	2319-7064	2014-08-08	Other	Meenu Teotia RK Soni	Main Author	https://www.ijsr.net/archive/v3i8/MDIwMTU1OTU=.pdf
Studies on the effect of acrylic acid & methyl-meth-acrylate monomers on the viscoelastic behaviour of divinylester resin of Bisphenol-A UV cured sheets	IOSR- Journal of Applied Chemistry	7(8) 50-60	2278-5736	2014-08-01	Other	Meenu Teotia RK Soni	Main Author	http://dx.doi.org/10.9790/5736-07815060
3. DSC kinetic Studies on Cure Kinetics of DGEBA (Diglycidyl Ether of Bisphenol-A) with Terephthalamide Hardening System generated from PET waste	Journal of Research Updates in Polymer Science	2 (1) 57-67	1929-5995	2013-03-29	Other	Krishna Dutt, RK Soni, Meenu Teotia, SP Sharma, Harjeet Singh	Co-Author	https://doi.org/10.6000/1929-5995.2013.02.01.7
Studies on Inhibition of UV exposure by UV cured laminated glasses for green building	International Journal of Current Chemistry	2(2) 117-127	0976-0784	2011-06-01	Other	Meenu Teotia RK Soni	Main Author	
Studies on Synthesis and Characterization of a Novel Acrylic Amide oligomer of Aminolysed end products generated from PET waste with hydrazine mono hydrate and its photo curing with acrylate monomers	Journal of Applied Polymer Science	118 (2) 638-645	1097-4628	2010-10-15	Scopus/ Web of Science/UGC-CARE	RK Soni, Meenu Teotia, Krishna Dutt	Co-Author	https://doi.org/10.1002/app.32377

PUBLICATION PROFILE (OTHER THAN RESEARCH PAPERS)

Publication	Title	Publisher/Title of the chapter	Year of Publication/Latest Edition with date	ISBN NO	Page No (From-To) in Book Chapter	Type of Authorship	Co-authors

Book Authored	Polymer Science and Technology	Shree Publishers	2022-09-22	978-81-8329-768-4	391	Co-authors	R.K. Soni, Meenu Teotia, Priyanka Kakkar and Mohit Chauhan
Chapter in an Edited Books	Applications of Calorimetry	Cone Calorimetry in Fire-Resistant Materials	2022-06-23	978-1-80355-322-1		Co-authors	Meenu Teotia, Prof. Rakesh Kumar Soni and Aakansha Sharma
Chapter in an Edited Books	Composites in Biomedical Engineering Vol 1 Thermoset matrices	Light Mediated Thermoset Polymers	2019-03-29	9780128168745	57-103	Co-authors	Meenu Teotia, Alok Mittal, Rakesh Kumar Soni
Chapter in an Edited Books	Energy Conservation and Environment Protection	Renewable Energy Resources: Challenges and Advancement	2016-11-01	987-93-84443-54-2	1-20	Co-authors	Nazia Tarannum and Meenu Teotia

PH.D. SUPERVISION/THESIS SUBMITTED/ONGOING

Name of Scholar	Title	Awarded/Submitted/Ongoing	Registration & Letter No	Date of Enrollment	Date of Award	Name of Supervisor/Co-Supervisor
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REVENUE GENERATED FOR CONSULTANCY & CO-ORPRATE TRAINING

Title	Type of Consutancy	Funding Agency	Time Duration	Grant/Amount Mobilized	No of Investigators (PL/CO-PL)
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ICT ENABLED TOOLS INCLUDING ONLINE RESOURCES FOR EFFECTIVE TEACHING LEARNING PROCESS. (DETAILS OF ONLINE COURSE)

Portal Name	Description	Date
Institutional LMS	Microsoft teams	2021-08-02

EXTENSION ACTIVITY

Name of Department	Details of Activity	Date (From-To)	Description
DEPARTMENT OF CHEMISTRY	An international conference was organized in the department	2010-01-27-2010-01-30	Member, Organizing Committee
DEPARTMENT OF CHEMISTRY	An international conference was organized at The Union of Chemists in Bulgaria at Sofia	2011-05-26-2022-05-29	MEMBER, ORGANIZING COMMITTEE
DEPARTMENT OF CHEMISTRY	An international conference was organized at Gurukul Kangri University, Haridwar	2012-02-11-2012-02-13	Member, Organizing Committee
DEPARTMENT OF CHEMISTRY	A National Conference, Recent Advancements in Chemistry was organized in the department	2012-09-29-2012-09-30	Organizing secretary

DEPARTMENT OF CHEMISTRY	A National Conference, "Innovations in Science and Technology for Inclusive Development" was jointly organized by ISCA Haridwar Chapter and Department of Chemistry, Ch. Charan Singh University, Meerut	2014-03-22-2014-03-23	Convenor Secretariat
DEPARTMENT OF CHEMISTRY	A workshop was organized on Exposure of analytical instruments to undergraduate students	2017-05-05-2017-05-06	Member Organizing committee
DEPARTMENT OF CHEMISTRY	A Workshop on Theoretical, Fundamental and Experimental aspects of Electroanalytical techniques was organized in the department for UG and PG students	2020-02-12-2020-02-14	Co-Convenor
DEPARTMENT OF CHEMISTRY	Organized National Women day event on 24 April, 2021	2022-01-24-2022-01-24	Member, Organizing Committee
DEPARTMENT OF CHEMISTRY	A Debate competition was organized in the department on the topic Chemistry in Environment friend or foe	2022-02-28-2022-02-28	Event Coordinator: Debate
DEPARTMENT OF CHEMISTRY	Science week festival was organized in the University	2022-02-22-2022-02-28	Organizing member
DEPARTMENT OF CHEMISTRY	Invited lectures were organized in the department for Character building of the students	2022-03-08-2022-03-08	Member, Organizing Committee
DEPARTMENT OF CHEMISTRY	a health awareness programme was organized by the department in slum areas, govt primary schools in different villages	2022-04-07-2022-04-07	Member, Organizing Committee
DEPARTMENT OF CHEMISTRY	A plantation drive was conducted in the department on World health day	2022-04-22-2022-04-22	Member, Organizing Committee

Academic/Administrative Responsibility

Name of Department	Details of Activity	Date (From-To)	Description
Member Skill Development Committee	Any Other	2022-01-20-Till Present	
Member Industry Consultancy cell	Any Other	2022-03-11-Till Present	

AWARDS & FELLOWSHIP

Teacher Receiving Award for	Date of Award	PAN	Designation	Name of Award , Fellowship	Name of the Awarding Agency	If award was in cash enter amount	Type of the incentive given by the HEI

PATENT'S DETAILS

Patent Application No.	Status of Patent	Inventor's Name	Title of Patent	Applicant's Name	Patent Filing Date	Patent Published Date / Granted Date	Patent Publication Number / Patent Granted Number	Assignee's Name (Institute Affiliation's at time of Application)	Source of proof
201711008007	Published	R. K. Soni and Meenu Teotia	A UV curable and High Impact Resistant formulation and a Process for the Preparation thereof	Ch. charan Singh University, Meerut	2017-03-07	2018-09-14	The Patent Office Journal No. 37/2018 Dated 14/09/2018	Ch. charan Singh University, Meerut	https://ipindia.gov.in/writereaddata/Portal/IPOJournal/1_2654_1/Part-1.pdf
202211032117 A	Published	R. K. Soni, Meenu Teotia and Mohit Chauhan	THERMAL CURABLE HIGH IMPACT RESISTANT LAMINATED GLASS AND A PROCESS FOR PREPERATION THEREOF	Ch. charan Singh University, Meerut	2022-06-05	2022-07-22	The Patent Office Journal No. 29/2022 Dated 22/07/2022 45527	Ch. charan Singh University, Meerut	12345

Research Project Sponsored by Govt. Agency

Name of Principle Investigator/Co-Investigator	Name of Funding Agency	Name of Project	Month & Year of Award	Fund Provided	Duration of Project from	Duration of Project To
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Date : 16/Oct/22

Name : Dr. MeenuTeotia

Place : Meerut