



Faculty Profile

Title:	Dr.	First Name: Prem Lata	Last Name: Meena	
Designation:	Assistant Professor			
Department:	Chemistry			
Address:	Flat-136, Adarsh Apartment, Sector-3, Pocket-16, Dwarka, Delhi			
Email:	prem.meena@shyamlal.du.ac.in			
Web-Page:				

Educational Qualifications (from Bachelor's Degree):			
Degree	Subject	University/ College/Institution	Year
B.Sc.	Chemistry, Botany, Zoology	Kamla Nehru College, Jai Narayan Vyas University, Jodhpur	2006
M.Sc.	Chemistry	Jai Narayan Vyas University, Jodhpur	2011
Doctor of Philosophy (Ph.D.)	Chemistry	University of Delhi	2015

Experience:					
	Name of the University/College/ Institute/Organisation	Designation & Status (Permanent /Ad-hoc)	From	To	Effective Time Period
Teaching	Bhaskaracharya College of Applied Sciences, University of Delhi	Assistant Professor (Ad-hoc)	20-07-2015	01-06-2023	8.5 years
	Shyam Lal College	Assistant Professor	02-06-2023		
Research/ Corporate					
Consultancy					

Teaching - Learning Process (During the Academic Year 2019-2020)		
Are You using ICT (LMS, E-Resources)?	If Yes, Please give the details below:	
	Name	Total Numbers
E- Resources	Power Point Presentations, Assignments, Quizz, Youtube Videos	
Techniques and Platforms	MS Teams, Google Meet, Zoom	

Career Advancement and Contribution to College Corporate Life (Last three years till June 2020):				
	Name of the Committee/ Centre/ Society/ Cell	Designation	From	To
Convenor/Member of Committees	Modern & Fine Arts	Convenor	Jul-15	Jun-21
	SC/ST Cell	Member	Jul-20	May-23
	Carrer Councelling Cell	Member	Jul-21	May-23
	Training & Placement Cell	Member	Jul-15	May-23
	Women Development Cell	Member	Jul-17	Jun-21
Any Other Administrative Responsibility (Bursar, Coordinator, Superintendent etc.)				

Areas of Interest/Specialisation:	
S.No.	Areas of Interest/ Specialisation
1	Packaging Technology
2	Estimation of Polymers and Polymeric Compounds
3	Analytical Chemistry


Subjects Taught (During the Academic Year 2019-2020)									
S.No.	Subject			S.No.	Subject				
1	Packaging Technology								
2	Polymeric Nanomaterials								
Publications: Citation Index in Scopus/Web of Science or Pub Med/ Indian Citation Index									
Title of Paper	Name of the Author	Title of the Journal	Year of Publication	Citation Index	h-Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations	Impact factor, if any	
Impact of Nutrition Education on Whole Grains Consumption amongst Primary and Middle School Children in Delh	Eram S Rao1,*, Roshanlal Yadav1, Rizwana1, C. Lalmuanp uia1, Ankita Marwaha 2, Richa Bharti2, Prem Lata Meena	Food Science and Technology	2022			Bhaskaracha rya College of Applied Sciences			
Effect of frying on physicochemical properties of sesame and soybean oil blend	Eram S. Rao, Prem Lata Meena, Manjeet Singh Barwa	Journal of Applied and Natural Science	2021			Bhaskaracha rya College of Applied Sciences			
Preparation and Characterization of Polyaniline and Polythiophene Based Copolymer and its Nano composite Suitable for Electro-Optical Devices	Susmita Dey Sadhu, Prem Lata Meena, Jitender, Juhi, Sunil Chaudhar y and Arun	Polymer Composite	2020			Bhaskaracha rya College of Applied Sciences			
A review of Singular and Hyphenated Analytical techniques in Trace Element analysis	Prem Lata Meena*, Avinash Sandilya, Sachin Sharma	Chemistry Research Journal	2019			Bhaskaracha rya College of Applied Sciences			
Biodegradable Polyester Packaging Film: Synthesis & Application	Prem Lata Meena, Vinay, Abhay Goel, Vipin Rai, Eram Rao S and Manjeet Singh Barwa	ISST Journal of Applied Chemistry	2017			Bhaskaracha rya College of Applied Sciences			

Nanotechnology In Waste Water Treatment	Prem Lata Meena, Vinay and Tanmay Tyagi	International Journal of Scientific Research	2017			Bhaskaracharya College of Applied Sciences		4.176
Determination of copper in industrial water by innovative flow injection flame atomic absorption spectrometry	Reena Saxena, Prem Lata Meena and Shelja Tiwari	Instrumentation Science and Technolog	2016			Kirori Mal College,DU		0.525
Flow injection on-line solid phase extraction system using Amberlite XAD-16 functionalized with 8-hydroxyquinoline for copper and zinc determination by flame atomic absorption spectrometry	Reena Saxena and Prem Lata Meena	RSC advances (Royal Society of Chemistry	2014			Kirori Mal College,DU		3.708
Flow Injection On-line Preconcentration of Trace Zinc (II) Ions in Water Samples Using a Synthesized 8-Hydroxyquinoline Functionalized Amberlite XAD-2 Resin and Determination by Flame Atomic Absorption Spectrometry	Reena Saxena and Prem Lata Meena	Atomic spectroscopy	2014			Kirori Mal College,DU		1.6
A rapid analytical method using flow-injection preconcentration of zinc on dithizone impregnated on Amberlite XAD-2 and its determination in water samples by faas	Prem Lata Meena and Reena Saxena	International journal of advance research in science and engineering (IJARSE	2014			Kirori Mal College,DU		2.83

Books and Chapters in edited Volumes/Books published, and paper in National /International conference Proceeding per teacher during the Year

Title of Book/Paper/ Book Chapter	Publisher	National/International	Year
Packaging: A Practical Guide (Book)	The Computype Media (Publishing Division) Darya Ganj, New Delhi	National	2020
ENVIRONMENT: POLLUTION AND PROTECTION (Book)	Scientific International Publishing House (SIPH), registered under the ministry of MSME.	National	2022
Sustainable Development and Environmental Issues (Book)		National	2022
Biomaterials: Review and Applications (Book Chapter)	Advanced Organic Chemistry Applications	National	2023

Sustainable Energy Policies of India to Address Air Pollution and Climate Change (Book Chapter)		Energy: Crises, Challenges and Solutions	InterNational	2020	
Advances in Food Packaging(Book Chapter)		Food Frontier	National	2019	
Nano-Separation techniques for Water resources(Book Chapter)		Nanotechnology for Sustainable Water Resources	InterNational	2018	
Conference/ Seminar/ Symposium/ Workshop/ Presentation:					
Sr. No.	National/ International/state	Topic of the Conference/Seminar /Workshop	Paper Presentation/Attend/ Resource Person	Date	Duration
1	International Conference on Advances in Polymeric Materials & Human Healthcare	Cellulose Acetate/Gelatin/Polyethylene Glycol Blend: Its Preparation, Characterization and Biodegradation	Oral Presentation	Oct. 16-18, 2019	2 Daya
2	National Conference on Recent Trends and Advancements in Chemical Sciences	Preparation and properties of active nanofilm based on Polyvinyl Alcohol (PVA) and Polyethylene Glycol (PEG) using Citric Acid as curing agent	Oral Presentation	March 29-31, 2019	3 days
3	National Workshop on Science, Technology and Innovation Policy optimizing Communication & Information Research Organized by CSIR-National Institute of Science Communication and Information Resources & Department of Science & Technology	Innovative Tools, Modes & Means	Oral Presentation	23-25th Jan. 2018	3 days
4	National Conference on Recent Trends in Chemical, Environmental and Material Sciences	Synthesis and Characterization of Biodegradable Packaging material for Food Packaging	Oral Presentation	24th Jan.2018	1 Day
5	1st National Conference on Advances in Food Science and Technology (NCAFST-2016)	Physiochemical properties and sensory evaluation of cookies prepared with non-nutritive sweetener	Oral Presentation	16th -17th March 2016	2 Daya
Research Projects/ Innovation Projects (Major Grants/Research Collaboration):					
S.No.	Title of the Project	Funding Agency	Status/Output		
1	Development of cookies with biodegradable packaging material for diabetics	University of Delhi	Innovation Project BCAS 312 Completed		
Research Guidance (Ph. D./ M. Phil.):					
	No. of Ph.D. Students	No. of M.Phil. Students			
Awarded					
Submitted					
Under Progress					
Fellowships/Awards /Distinctions/Recognitions:					
Year of Award	Name of the Fellowship/Award/ Distinction/ Recognition	Desination	Name of the Academic Bodies /Association	International /National/ State	
2019	Best Poster	Best Poster	Bhaskaracharya College of Applied Sciences, University of Delhi	National Conference	
2016	Certificate of Appreciation	Certificate of Appreciation	Innovation Project (BCAS-312) during Research Display at the Convocation Ceremony, University of Delhi	Convocation Ceremony, University of Delhi	

Incentive to the teachers who receive recognition/awards				
State	National		International	
Association with the Professional Bodies:				
	Name of the Organisation		Year	
Membership	Royal Society of Chemistry (RSC)		2016	
	Green Chemistry (GCNC 0306/16/232)		2016	
	International Association of Advanced Materials (85123291472)		2017	
	ACS Division of Polymer Chemistry - POLY DIVISION MEMBERSHIP		2019	
Any Other				
Development of E-Learning Delivery Process/Material:				
S.No	Title of the Module		Recognised by/Submitted at/ Delivered at any government setup	
Refresher/ Orientation Programme/ FDP / Other Specialised Courses:				
S.No.	Topic	Name of the Organiser	Place	Duration and Year
1	DEVELOPMENT AND IMPLEMENTATION OF MOOCS	Teaching Learning Centre, Ramanujan College University of Delhi	Delhi	October 21 - October 27, 2020
2	Emerging Trends in Computer Science and IT	Two-week FDP Programme organized by BVICAM	Delhi	June 8-19 2020
3	Virtual Learning Creativity Tools	Rayat Institute of Management, Ropar Campus	Delhi	June 9, 2020
4	Online Transaction of Courses with Moodle-LMS	Automation and Digitization Committee under the aegis of IQAC, Bhaskaracharya College of Applied Sciences, University of Delhi	Delhi	May 8-10, 2020
5	Technological Empowerment of Women commemorating the International Women's Day	National Academy of Sciences, India (NASI) at Vigyan Bhawan	Delhi	March 8-9, 2018
6	WGBI: National Workshop on Basic ICT Skills for Educators (e-Content Development and Assessment Tools)	Guru Angad Dev Teaching Learning Centre of MHRD at SGTB Khalsa College, University of Delhi	Delhi	June 6 & 7, 2017
7	Development of Rural Bio refineries in India: From Waste to Wealth	Green Chemistry Network Centre, at University Guest House, Delhi University	Delhi	Feb. 20, 2017
Declaration				
I do hereby solemnly declare that the information given and the statements made by me are correct and true to the best of my knowledge				
			 Dr. Prem Lata Meena	