




Faculty Profile

Title:	Dr.	First Name: SANJAY	Last Name: KUMAR		
Designation:	Associate professor				
Department:	chemistry				
Address:	Department of chemistry, shyam lal college(university of Delhi), shahdara, Delhi-32				
Email:	drskumar@shyamlal.du.ac.in				
Web-Page:					

Educational Qualifications (from Bachelor's Degree):			
Degree	Subject	University/ College/Institution	Year
M.Sc	chemistry	Himachal Pradesh University, Shimla, Himachal Pradesh	2003
Ph.D	chemistry	Himachal Pradesh University, Shimla, Himachal Pradesh	2009

Experience:					
	Name of the University/College/ Institute/Organisation	Designation & Status (Permanent /Ad-hoc)	From	To	Effective Time Period
Teaching	Shyam lal college(university of Delhi)	Permanent	21.07.2008	till date	14 years
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
NLIST	https://ocw.mit.edu/index.htm UGC-INFLIBNET(N-List)
Techniques and Platforms	Google meet, online assignments

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	Development committee	member	2019	2020
	proctorial board	member	2018	2019
	examination committee	member	2017	2018
Any Other Administrative Responsibility (Bursar, Coordinator, Superintendent etc.)				

Areas of Interest/Specialisation:	
S.No.	Areas of Interest/ Specialisation
1	organic chemistry


Subjects Taught (During the Academic Year 2019-2020)			
S.No.	Subject	S.No.	Subject
1	Organic chemistry to B.Sc Physical sciences & B.Sc (Hons) students		

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	Number of citations excluded	Impact factor, if any	
1) Psyllium and copolymers of 2-hydroxyethylmethacrylate and acrylamide based novel devices for the use in colon specific antibiotic drug delivery.	Baljit Singh, Nirmala Chauhan, S. Kumar and Ritu Bala.	International Journal of Pharmaceutics	2008					4.845	Before June 2018
2) Synthesis, characterization and swelling responses of pH sensitive psyllium and polyacrylamide based hydrogels for the use in drug delivery (I).	Baljit Singh., G.S. Chauhan, S. Kumar, Nirmala Chauhan.	Carbohydrate Polymers,	2007			Himachal Pradesh University		7.182	
3) Radiation crosslinked psyllium and polyacrylic acid based hydrogels for use in colon specific drug delivery.	Baljit Singh, Nirmala Chauhan and S.Kumar	Carbohydrate Polymers	2008			Himachal Pradesh University		7.182	
4)4. Synthesis and characterization of psyllium-NVP based drug delivery system through radiation crosslinking polymerization	Baljit Singh, S. Kumar	Nuclear Instruments and Methods in Physics Research	2008			Himachal Pradesh University		1.27	
5)Radiation crosslinked polymerization of methacrylamide and psyllium to develop antibiotic drug delivery device	Baljit Singh, Vikrant Sharma, Anil Kumar, Sanjay Kumar	International Journal of Biological Macromolecules	2009			Himachal Pradesh University		5.162	July 2018 - June 2019
6)synthesis of smart hydrogels by radiation polymerization for use as slow drug delivery Devices	Baljit Singh, Vikrant Sharma and Sanjay Kumar	the canadian journal of chemical engineering	2011			shyam lal college		1.687	
									July 2019 - June 2020

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	
				Before June 2018
				July 2018 - June 2019
				July 2019- June 2020

Conference/ Seminar/ Symposium/ Workshop/ Presentation:						
Sr. No.	National/ International/state	Topic of the Conference/Seminar/Workshop	Paper Presentation/Attend/Resource Person	Date	Duration	
						Before June 2018
						July 2018 - June 2019
						July 2019 - June 2020
Research Projects/ Innovation Projects (Major Grants/Research Collaboration):						
S.No.	Title of the Project		Funding Agency	Status/Output		
1	Use of TiO2 nanoparticles for degradation of dyes in waste water to save the environment.		University of Delhi	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	
Incentive to the teachers who receive recognition/awards						
State	National			International		
Association with the Professional Bodies:						
	Name of the Organisation			Year		
Membership						
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		
	orientation course	UGC-ASC ,Jamia Millia Islamia	N.Delhi	2011		
	Refresher course in Basic Sciences	UGC-ASC ,Jamia Millia Islamia	N.Delhi	2015		
	Refresher course in climate change and disaster management	UGC-HRDC,Delhi University	N.Delhi	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.Sanjay Kumar			