


1. Personal Details

Name	Dr. AVNEET KAUR	
Designation	ASSISTANT PROFESSOR	
Department	CHEMISTRY	
Email	avneetk11@gmail.com	

2. Educational Qualification

Degree	Institution	Year
Ph.D.	Department of Chemistry, University of Delhi	2011
M.Sc. Chemistry	St. Stephens College, University of Delhi	2007
B.Sc. (H) Chemistry	St. Stephens College, University of Delhi	2005

3. Full Time Research Experience- NIL

Designation	Institute	Time period	Nature of Appointment

4. Full time Teaching Experience

S.No	Designation	Institution	Time Period	Nature of Appointment
1.	Assistant Professor	Department of Chemistry, University of Delhi	1 year 6 months	Adhoc
2.	Assistant Professor	Daulat Ram College, University of Delhi	2 years 6 months	Adhoc
3.	Assistant Professor	Bhagini Nivedita College, University of Delhi	6 months	Adhoc
4.	Assistant Professor	Daulat Ram College, University of Delhi	7 years	Adhoc
	Total = 12+ years			

5. Administrative Assignments

Name of Institute	Designation	Status	Time period	Experience
Daulat Ram College	Member	STUDENT ADVISORY BOARD	2017-18	1 year
-----do-----	Member	Eco Club, Dhara	2018-19	1 year
-----do-----	Team Manager	Sports Committee	2018-2020	2 years
-----do-----	Member	Data Entry team of admissions	2019	
-----do-----	Member	NAAC data from Chemistry	2018-2020	2 years
-----do-----	Member	Website Committee	2020-2021	
-----do-----	Member	Eco Club, Dhara	2021- till date	

6. Areas of Interest:

Physical Chemistry, Analytical Chemistry
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7. Subjects Taught

S.No	Course	Subject Taught	Semester	Year
1.	B.Sc. (P) Life Sciences	Quantum Chemistry	VI	2021
2.	B.Sc. (H) Chemistry	Applications of Computers in Chemistry	VI	2020
3.	B.Sc. (H) GE	Physical Chemistry	II	2020
4.	B.Sc. (H) GE	Physical Chemistry	III, I	2019
5.	B.Sc. (Prog) Life Sciences	Physical Chemistry	V	2019

8. Research Guidance Given: NA

Name of student	Gender	Degree for which guidance given	Date of Registration	Supervisor/ Co-supervisor	University	Title of Thesis	Date of submission of thesis	Date of Award of Degree

9. Details of refresher/orientation course/research methodology/workshop/syllabus up-gradation/ teaching –learning-evaluation/technology programmes/Faculty Development Programme: NA

S.No.	Details	Place	Period		Year	Sponsoring/Organising Agency
			From	To		

10. MOOCs completed with e-certification: NA

S.No.	Details of MOOC	Subject	Certification providing agency	Date of certification	Level (UG/PG/Other)	Year	E-certification no.

11. Contribution towards development of e-content/MOOCs in 4- quadrants: NA

S.No.	Details of E-contents/ MOOCs in 4- quadrants	Quadrants developed	No. of Modules	Course	Sponsoring agency	Year	Level (UG/PG/Other)

12. Contribution towards conduct of MOOCs: NA

S.No.	Details of MOOC	Subject	Sponsoring agency	Level (UG/PG/Other)	Year	E-certification no.

13. Organising seminars/ conferences/workshops, other college/university activities: NA

S.No.	Year	Details	Place	Period		Sponsoring/Organising Agency
				From	To	

14. Creation of ICT mediated Teaching Learning pedagogy and content and development of new and innovative courses and curricula: NA

Development of Innovative Pedagogy e module

S.No.	Name of the Module	Subject	Stream	Organization for which it was developed	Year	Level (UG/PG/Other)	Weblink

15. Research Projects ongoing 2017-21: NA

S.No	Name of Research Project	Funding Agency	National/International	Duration (Start date and end date)	Amount Sanctioned	Amount Received

16. Research projects Completed: NA

S.No	Name of Research Project	Funding Agency	National/International	Duration (Start date to end date)	Amount Sanctioned	Amount Received

17. Books Published: NA

S.No	Book Details (Authors, Book title, Year)	Publisher	Date of publishing (DDMMYY)	Authored/Edited	ISBN No

18. Book Chapters/Articles published: NA

S.No	Details (Authors, Book title, Article title, Year, page range of article)	Publisher	Date of Publication (DDMMYY)	Authored/Edited	ISBN No

19. E- Modules Published

S.No	Details (Authors, Title, Year, URL)	Publisher	Authored/Edited	Link
1.	Introduction to Quantum Chemistry	e-PGPathshala	Content Writer	https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=5
2.	Fundamentals of Quantum Mechanics-I	e-PGPathshala	Content Writer	https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=5

3	Fundamentals of Quantum Mechanics-II	e-PGPathshala	Content Writer	https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=5
4	Particle in a Box	e-PGPathshala	Content Writer	https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=5
5	Linear Harmonic Oscillator-I	e-PGPathshala	Content Writer	https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=5
6	Linear Harmonic Oscillator-II	e-PGPathshala	Content Writer	https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=5

20. Research Publications:

International

S.No	Publication details (Authors, Title of article, Journal, Volume, Issue, Year, Page range of article, URL/DOI)	Date of Publication	Impact Factor	UGC Care List Journal Yes/No	Scopus Indexed Journal Yes/No	ISSN No
1	Change in optimum genetic algorithm solution with changing band discontinuities and band widths of electrically conducting copolymers Kaur Avneet & Bakhshi A.K., Chemical Physics, 369, 2010, 122-125	2010	1.771	Yes	Yes	0301-0104
2	Band gap engineering of a ternary copolymer based on polythiophene and its derivatives using genetic algorithm', Kaur Avneet & Bakhshi A.K., International Research Journal of Pure and Applied	2012	0.975	Yes	Yes	2231-3443

	Chemistry, 2(1), 2012, 55-67					
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National

S.No	Publication details (Authors, Title of article, Journal, Volume, Issue, Year, Page range of article, URL/DOI)	Date of Publication	Impact Factor	UGC Care List Journal Yes/No	Scopus Indexed Journal Yes/No	ISSN No
1	'Molecular engineering of novel low band gap conducting polymers' Bakhshi A.K., Kaur Avneet, Arora Vinita, Indian Journal of Chemistry, 51A, 57- 68.	January 2012	0.489	Yes	Yes	0975- 0975
2	'Electro-active ternary copolymer design using genetic algorithm', Kaur Avneet & Bakhshi A.K., Indian Journal of Chemistry, 50A, 9- 14.	January 2011	0.489	Yes	Yes	0975- 0975
3	Designing of Type-I Polymeric Super - lattices using Genetic and Ant Algorithms: A Comparative Study', Kaur Avneet, Wazir Mohsineen, Garg Aparna & Bakhshi A.K., Indian Journal of Chemistry, 48A, 1652-1656	December 2009	0.489	Yes	Yes	0975- 0975
4	'Tailoring electrically conducting copolymers using genetic algorithm',	May 2009	0.489	Yes	Yes	0975- 0975

	Kaur Avneet & Bakhshi A.K., Indian Journal of Chemistry, 48A, 631-636.					
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21. Conference Proceedings publication NA

S.No	Details (Authors, Book title, Article title, Year, page range of article)	Date of Publication (DDMMYY)	Name of conference	Venue of conference	ISBN No

22. Conference Attended and Paper presentation

S.No	Type of Event	Name of Event	Venue of conference	Date of conference (Start date – End Date)	Attended	paper presented	No of papers presented
1.	E- Faculty Development Programme	Empowering Teaching-Learning Process using Google Classroom and other ICT Tools	E-FDP Organized by Department of Commerce, Daulat Ram College, University of Delhi	21-07-2020 to 23-07-2020	Yes	-	-
2.	National Webinar	ICT Enabled Higher Education in India: Challenges and Opportunities	GAD TLC Khalsa College	April 15,2020	Yes	-	-
3.	National Webinar	Towards Excellence in Higher Education in India in the 21 st century	GAD TLC, Khalsa College	April 29,2020	Yes		
4.	Faculty Empowerment Workshop	National Workshop on Computational Chemistry & Molecular Modelling	SGTB Khalsa College, University of Delhi	March 23,2018	Yes		

5.	National Conference	Innovations in Science and emerging challenges in Health and Environment	Organized by Department of Chemistry, Daulat Ram College, University of Delhi	20-03-2018	Yes		
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23. Resource Person (Conference/seminar/ workshop/training programme/ educational trips)

S.No	Type of Event	Name of Event	Venue	Date of Event (Start Date- End Date)	State your role: Convener/M ember organizing committee/ Speaker/ Coordinator	Durati on of Activit y	No of participant in the programme
1	Summer Internship Programme	Research Methodology for Chemistry	Online	16-05-2020 to 30-05-2020	Resource person	3-4 hours	~150
2	Skill development Programme	Exploring Chemicals in Natural Products	Daulat Ram College	04-07-2019 to 10-07-2019	Resource person	3-4 hours	~30
3	Skill development Programme	Exploring everyday Chemistry	Daulat Ram College	21-12-2018 to 29-12-2018	Resource person	3-4 hours	~30
4	Science Camp (DST)	INSPIRE-DST	Daulat Ram College	17-12-2018 to 21-12-2018	Resource Person & Member of organizing committee	8 hours per day for 5 days	~200
5	Skill development Programme	Chemistry at the helm of essential oils, cosmetics	Daulat Ram College	28-05-2018 to 11-06-2018	Resource Person	3-4 hours	~30
6	Skill development Programme	Instrumentation, Clinical Analytical and Computational	Daulat Ram College	31-05-2017 To 13-06-2017	Resource Person	3-4 hours	~30

		Chemistry					
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24. Awards Won: NA

S.No	Name of Award	Awarding Agency	Government/ NGO/ International/Private	Recognition area	Date of award (DDMMYY)	Type of Honor received

25. Extension Activity (Community related program): NA

S.No	Type of Activity	Centre and Venue	Title of Event	Role in the event	Date/period of Event (DDMMYY)	No of members of the community/students /Faculty benefitted

26. Membership of Professional Bodies NA

S.No	Type of Membership	Organisation	Year of Membership(Start Date)