

CV



- 1. Name :-** Dr. Deeksha Yajurvedi
- 2. Designation :-** Associate .Professor, Depatment of Chemistry
- 3. Subject:-** Chemistry
- 4. Academic Qualification: -** M.Sc, NET, PhD.
- 5. Areas of Interest/ Specialization :-** Organic Chemistry
- 6. Date of birth:** 20 May 1983
- 7. Date of joining:-** 29.01.2009
- 8. Teaching experience :-** 15 years
- 9. Official address:-** Department of Chemistry, Raghunath Girls' Post Graduate College, W.K.Road Meerut.
- 10. Contact no:-** 9456244183
- 11. E-mail Id :-** deeksha.yajurvedi@gmail.com
- 12. Areas of research:-** Chemical kinetics & Reaction mechanism
- 13. Digital Profile, if any (Research Gate, LinkedIn, SSRN, Twitter, YouTube etc):**

<https://in.linkedin.com/in/deeksha-yajurvedi-12a18351>

<https://www.researchgate.net/profile/Deeksha-Yajurvedi>

https://www.youtube.com/channel/UCtirXD0YULsH9_5_XhoJzhg

14. Achievements:-

- Felicitated by Narayani award 2023 by Paryavaran evam Swacchta club, Meerut for significant contribution in women empowerment and self reliance.

- Worked as member of organising committee of National Quiz competition organised by Dept. of Chemistry, CCSU to commemorate Vicenary year of establishment of department on 24 Sep 2022.
- Judge in Poster and Rangoli competition in “Eat right millets Mela” organised by Food Safety and Drug Administration, U.P. Govt (led by FSSAI, under Ministry of Health & Family Welfare, GoI). on 31.3.2023.
- Felicitated by NGO -Hear the silence for significant contribution in social work.
- Awarded Certificate of teaching appreciation from regional office, Meerut for contribution in teaching and research during session 2016-17.
- Awarded Certificate of Recognition for securing third prize in essay contest *If I were mayor of Meerut*, organised by Meerut Citizens Forum held in October 2017 and felicitated on 5 Dec 2017 at first conference on Meerut city development: Issues, challenges and way forward.
- Invited as Chief Guest and judge in Interschool Declamation contest organised by The Aaryans Public School on 2.5.18.
- Felicitated and honoured on International women’s Day 8 March 2017 by Vidya Knowledge Park and Janhit foundation.
- article titled “Paryavaran sarakshan ki avashykta” awarded as best article in research magazine Prakarti manthan ISSN 2394-644X, Oct-Dec 2016.

15. Fellowships/Awards:-

S. No	Name of Fellowships/ Awards	Awarding Agency	Whether International/National/ State/Regional	Honorarium of Award ,if any

16. Memberships of Professional bodies:-

S.No.	Name of the Professional Body	Type of membership	Membership no.
1.	Indian Science Congress Association, Haridwar Chapter	Life member	0395
2.	Indian Chemical Society	Life member	L19037
3.	Indian Science Congress Association	Life Member	F/7783(LM)

17. Research Papers published:

S.No	Title of the paper published (with Page no.)	Research Journal (with Vol.no)	Year	ISSN	Whether peer reviewed, UGC listed, Impact Factor if any	Digital Link, if any
1.	Jaivbahulak-satat vikas ke sarrthi	Research spectra	2023	2394-9805	Peer reviewed and refereed	
2.	Correlation Analysis of Reactivity in the Oxidation of Some Aliphatic Secondary Alcohols by Imidazolium Dichromate: A Kinetic Study pp: 329-338	Journal of Interdisciplinary Cycle Research Volume XIII, Issue X, October	2021	0022-1945	Peer reviewed and refereed UGC Care approved group II	https://drive.google.com/file/d/1LW4a3Uc-J-oM8OMu_nw4q5XlQsZmOFKn/view?usp=sharing
3.	Oil spills: Threat to marine life pp: 32-36	Indian journal of applied research, Volume 9 issue-7 July 2019-08-17	2019	ISSN 2249-555X	IF 5.397	https://www.worldwidejournals.com/indian-journal-of-applied-research-(IJAR)/fileview/July_2019_1561805358_3217815.pdf
4.	Biodegradation of Melanoidins from sugarcane molasses based distillery effluent A Review pp 15-20	ISSST Journal of Applied Chemistry, Vol. 9 No.1(January-June 2018)	2018	ISSN 0976-7355	S.No.48716 UGC listed	
5.	Dimethylsulphoxide: A promising compound for pharmacological and molecular Utilization pp 11-16	Acta Cienica Indica Vol. XLIIIC 2017 No.1 /	2017	ISSN 0253-7338	UGC Listed at serial no.605 before June 2017	http://www.acta.co.in/acta-bo/files/published_general/5cd8fdb0cf277-102-C017.pdf

6.	A review on few anti-inflammatory agents of herbal origin pp 57-66	Acta Cienica Indica Vol. XLIIC 2017 No.1	2017	ISSN 0253- 7338	UGC Listed at serial no.605 before June 2017	http://www.acta.co.in/acta-bo/files/published_general/5cd8fdb0d1006-107-C017.pdf
7.	Oxidation of Aliphatic Primary Alcohols by Quinolinium Chlorochromate: A Kinetics and Mechanistic Approach pp861-870	Journal of Applicable Chemistry (International Peer 2016, 5 (4):	2016	ISSN 2278- 1862	IF 1.4 Reviewed Refereed Journal	http://www.joac.info/ContentPaper/2016/2-21.pdf
8.	Correlation analysis of reactivity in the oxidation of substituted benzaldehydes with bis {dipyridinesilver(I)}dichromate} [Agpy ₂] ₂ Cr ₂ O ₇ , pp 442-449	Eur. Chem. Bull., 2015, 4(9),	2015	ISSN 2063- 5346	IF4.61	http://dx.doi.org/10.17628/ECB.2015.4.442
9.	Bio-Medical Application of Fullerenes : An Overview Pp; 503-504	IJSR – International journal of Scientific Research, Volume 5,Issue 5May 2016,	2016	ISSN 2277- 8179,	IF 3.508	https://www.worldwidejournals.com/international-journal-of-scientific-research-(IJSR)/article/biomedical-application-of-fullerenes-an-overview/OA4NA==/?is=1&b1=65&k=17
10.	Oxidation of some α -Hydroxy acids by Tetraethyl ammonium chlorochromate: A Kinetic and mechanistic study Pp ;50-55	International Journal of chemical kinetics, Volume 42,issue 1,2010, cited in Arabian Journalof Chemistry, Elsevier	2010	ISSN 0538- 8066	IF 1.312	https://doi.org/10.1002/KIN.20466
11.	Structure reactivity Correlation in the Oxidation of substituted benzaldehydes by	Progressive Reaction Kinetics Mechanism, Vol35	2010	ISSN 1468- 6783	IF 0.829	https://journals.sagepub.com/doi/pdf/

pyridinium bromochromate pp 265-280	2010					10.3184/146867810X12796413581192
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18. Articles in books/conference proceedings published:

S. No	Title of the article published with page no.	Title of the Book/ Conference proceedings	Year	ISBN	Details of publisher	Published by local/nat/int publisher	Digital link if any
1.	Applications of biosurfactants for cleaner Environment (page56-63)	Innovations in Science and technology- Editors- Dr.Archana. Dr.Sakshi Chaudhary	2020	978-93-873b7-b7-8.	Swastika Publications , Delhi	National	https://www.flipkart.com/innovations-science-technology/p/itm066c5b91fb641
2.	Sustainable Development and Rain Water Harvesting (page 96-100)	Green initiatives and sustainable development- Dr.Subhash Vikal	2020	978-81-94250-32-6.	Learning Media Publication, Meerut https://www.learningmedia.in/	National	https://learningmedia.in/#:~:text=GREEN%20INITIATIVES%20AND-SUSTAINABLE-DEVELOPMENT
3.	Intervention of Information and communication technology for quality assurance in higher education: Prospects and opportunities (page 248-258)	Transformation of higher education in India- Dr. Anshu Ujjwal,	2016	978-93-82-166-46-7	Anu books, Meerut	National	
4.	Potential applications of fullerenes in science and technology (page 179-189)	Recent development in science and technology Dr.Neelam kumari, Dr Archana	2017	978-93-80966-84-7	Sunrise publications , New Delhi	National	

19. Articles in Magazines and Newspapers

S.No.	Name of the Article with page no.	Name of the Magazine/ Newspaper (with RNI)	Detail of the Publisher	Date	Digital Link, if any
1.	Jal Pradooshan k prabhav pg12-13	Prakarti manthan ISSN 2394-64XX RNI No. UPHIN/61793	Nirupama Prakashan, a-1/1 agrasen vihar, Shastri Nagar, Meerut	Jan-march 2017	
2.	Paryavaran sarakshan ki aavashyakta Pg 50-51	Prakarti manthan ISSN 2394-64XX RNI No. UPHIN/61793	Nirupama Prakashan, a-1/1 agrasen vihar, Shastri Nagar, Meerut	Oct-Dec 2016	
3.	Rain water harvesting- Solution to water crisis and lifeline for human well being Pg 18-19	Vigyan: Aao karke seekhein RNI No. UPBIL/2015/64827	Pragati vigyan sanstha, Jagrti vihar, Meerut	May 2016	
4.	Functional foods and Nutraceuticals: Modern approach to Food Science Pg 140-141	Saurabh	College magazine	2016	
5.	Science for democratization of development Pg 102	Saurabh	College magazine	2016	

20. Development of New Curricula and Courses:-

S.No.	Name of New Curricula & Courses	Hyperlink of Curricula or course	Role in Development

21. Development of E-contents /MOOCS-

S.No.	Portal on which uploaded	Type of e-content	Hyperlink of e-content	Numbers

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22. Ph. D Supervised:

S.No.	Name of the student with Regd. No.	University Registered	Topic	Type of Supervision	Enrolled Date & Year	Submitted Date & Year	Awarded Date & Year

23. Research Projects:

S.No.	Title	Type	Funding Agency	Amount	Time-Period
1.	Structure – Reactivity correlations in some Solution Phase Redox Reactions	Minor Project Chemistry/ Polymer Science/ROMRP-NRCB-CHEM-2015-16-86762	UGC	280000/-	

24. Consultancy:

S.No.	Title	Type	Funding Agency	Amount	Time-Period

25. Patents (if any):

S.No.	Title of Patent	Detail of Patent (International/ National)

26. Faculty Enrichment Programme Attended:

S.No	Detail of the FDP/FEP	Date(s) of the event	Organizer & Sponsor	International/National/ State/ University
1.	One week FDP on MOOCs and e content development	29 Apr- 5 May 2023	GAD TLC PMMMNIIT	National

2.	Seven days faculty development programme on New trends in research methodology	11Feb -17 Feb 2023	RGPG College, Meerut	National
3.	Five days workshop and FDP on Propagation and uses of medicinal herbs and Bio composting	14Nov -18 Nov 2022	Botany dept, RGPG College, Meerut	Local
4.	Seven days faculty development programme on Safer and greener chemistry labs	19 July 2022-25 July 2022	GAD TLC PMMMNIIT	National
5.	Online Science leadership workshop	22 June -28 June 2020.	Central University of Punjab, Bathinda ,India	National
6.	Online One week National Teachers/ Faculty Development Program (FDP) on E-Learning and ICT Tools for Effective Teaching -Learning,	8 June to 13 June 2020	Aravali College of Advanced Studies& Education,Pali, Faridabad.	National
7.	Online faculty development programme on How to improve quality in HEIs	29 May - 3 June 2020	IQ AC, Jain Kanya Pathshala P.G. College ,Muzaffarnagar	National
8.	Online One week international level faculty development programme on Technology assisted teaching and virtual learning through ICT tools	25 May to 30 May2020	Department of Physics SBVR Degree and PG College Badvel, Kadapa Andhra Pradesh. sponsored by UGC	National
9.	One week National workshop on Introduction, synthesis and characterization of nanomaterials	16Dec -21 Dec 2019	Centre for international cooperation, CCSU and Central Connecticut state university, New Britain USA	National
10.	One week National workshop on Preparation of e resources for school and college subjects	23 March -29 March 2018	Faculty of Education, N.A.S. College, Meerut. Sponsored by U.P. Government	National

27. Seminar/ Workshop/ Conference Attended :

S. No	Detail of the Conference/ Seminar	Organizer & Sponsor	Date(s) of the event	Venue of the event	International/National/ State/ University
1.	National workshop on Detection of	Dept. of Microbiology,	07 aoril 2022	CCSU, Meerut	National

	Adulteration in common food items	CCSU, Meerut			
2.	Science week festival- Vigyan sarvatra pujuryate	CCSU Sponserd by Vigyan Prasar, GoI	22 Feb 2022	CCSU, Meerut	Regional
3.	Gyanotsav 2076 Vikrami(Meerut)	Shiksha sansriti Uthhan Nyas & Bed dept, CCSU	5-6 Nov 2019	CCSU, Meerut	National
4.	National workshop on how to raise bonsai	Dept. of Botany, RGPG College, Meerut	10 sep 2018	RGPG College, Meerut	National
5.	National workshop on Leprosy and its treatment	Medical Aid committee, RGPG College, Meerut	30 jan-13 feb 2018	RGPG College, Meerut	National
6.	National conference on food safety and consumer awareness	Innovation centre on Food processing and Food technology	21-22 feb 2016	University of Lucknow, Lucknow	National
7.	National symposium on The role of classical zoology in present day scenario	Dept. of Zoology, RGPG College, Meerut	19-20 Dec 2015	RGPG College, Meerut	National
8.	Workshop pon Malaria awareness- causes, symptoms and vaccines	Dept. of Zoology, RGPG College, Meerut	27 Nov 2015	RGPG College, Meerut	International
9.	Hindi-abhivyakti v sanskriti	Sponserd by Dainik jagran patra. Organised by Hindi dept, RGPG College, Meerut	14 Sep 2015	RGPG College, Meerut	International
10.	Workshop on Technology development and 31 March 2015transfer to industry- challenges and opportunities	Industry consultancy cell. CCSU	11-12 Jan 2013	Dept. of Chemistry, CCSU	Regional
11.	100 TH Indian science congress association ,	Calcutta university, Kolkata	3-7 Jan 2013	Calcutta university, Kolkata	National
12.	National seminar on Recent advancements in Chemistry (RAC 2012)	Dept. of Chemistry, CCSU	29-30 sep 2012	Dept. of Chemistry, CCSU	International
13.	National seminar on gurudev Rabindranath tagore- yesterday, today, tomorrow: retrospection, review, reconsideration	Dept. of English, RGPG College, Meerut	11 april 2012	RGPG College, Meerut	National

14.	One day seminar on Mirror neuron systems & sensory motor integration- basic framework to understand brain functioning	Dept. of Psychology, RGPG College, Meerut	10 oct 2011	RGPG College, Meerut	local
15.	National seminar on Chemistry-our life-our future (IYC 2011)	Dept. of Chemistry, RGPG College, Meerut sponsored by UGC, New Delhi	1 october 2011	Dept. of Chemistry, RGPG College, Meerut	National
16.	National seminar on recent trends in advancement of mathematical and physical sciences RTAMPS-2011	DN College, Meerut	5-6 Feb 2011	DN College, Meerut	National
17.	National symposium on Modern Approaches and Innovations in biotechnology	CAEHS, Roorkee road, Meerut	14-15 Nov 2010	CAEHS, Roorkee road, Meerut	National
18.	All India National seminar on Child labour: Some emerging issues	Dept. of Sociology, RGPG College, Meerut	28-29 Oct 2010	RGPG College, Meerut	National
19.	International conference on Green technologies for greener environment(GTGE 2010)	Dept. of Chemistry, CCSU	27- 30 Jan 2010	Dept. of Chemistry, CCSU	International
20.	National workshop on Emotional Intelligence	Bed dept, RGPG College, Meerut	22 January 2010	RGPG College, Meerut	National
21.	National workshop on Maintenance of Analytical, optical and Electrical instruments	Organised by Vidya college of Engineering, Meerut, UP and Western region instrumentation centre, Mumbai Sponsored by AICTE, New Delhi	15-17 December 2009	Vidya college of Engineering, Meerut, UP	National
22.	National seminar on Global warming: global warning under faculty enrichment	Department of Botany, RGPG College, Meerut	27 November 2009	RGPG College, Meerut	National

programme				
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28. Seminar/ Workshop/ Conference/ Exhibitions Organised:

S.No	Detail of the Conference/ Seminar/Exhibitions (including Sponsor)	Date(s) of the event	Venue of the event	International/National/ State/ University	Role
1.	Himalayan safety and water conservation: sustainable reforms and future perspectives	16 Sep 2021	RGPG College	National	worked as organising secretary
2.	Ecosystem restoration: & Sustainable Development : Present & Future(Webinar)	5 June 2021	RG PG College	National	worked as organising secretary
3.	Water conservation	22 March 2021	RG PG College	Regional	worked as organising secretary
4.	Training workshop on 'Food Adulteration and Testing'organised in collaboration with Council of Science & Technology. District Science Club, Meerut	28 Feb 2017	Dept. of Food Sc.&Q.C. , RG PG. College	College level	worked as Convenor and Coordinator

29. Journal /Book Edited:

S.No.	Name of the Journal/ Book edited	Month and Year	Role	Digital Link (if any)
1.	Futuristic trends in Science and technology	June 2023	Author	
2.	Rearrangement and Chemistry of Group Elements □□□□ □□ □□□□□□ □□ □□□□□□□□□□□□ □□ □□□□□□ U.P B.SC 5th Semester ISBN : 9789357552844	Jan 2023	Author	https://www.tppl.org.in/2020/bsc-fifth-sem-books-up-state-universities/7029-rearrangement-and-chemistry-of-group-elements-up-bsc-5th-semester-.html
3.	Rearrangements and Chemistry of Group Elements U.P b.sc 5th Semester English Edition book by	Jan 2023	Author	https://www.amazon.in/Chemistry-Rearrangements-Elements-Semester-Publication/dp/9357552650

	ThakurPublication Paperback – 1 January 2023 ISBN978-9357552653			
4.	Recent advances in science and technology ISBN 978-93-91193-79-9	2023 Feb	Author	https://www.flipkart.com/recent-advancements-science-technology/p/itmd7700f26b80d8
3.	Mechanistic aspects of some redox reactions ISBN 978-93-87812-12-	March 2018	Author	

30. Invited lectures/ Resource person/ Paper Presented in Conferences/ Seminar/ Workshops:

S. No	Title of the Invited Lecture/paper presented	Detail of the Conference/ Seminar(including organizer& Sponsor)	Date(s) of the event	Venue of the event	International/National/ State/ University	Role
1.	Food adulteration and public health	Seven days NSS camp RG PG College, Meerut	16 March 2023	Ambedkar Bhawan, Kuti village Meerut	Local	Invited lecture
2.	Role of Induction programs in quality education sustenance in HEIs	National conference on Induction training for teachers at HEIs:today's need for enhancing bquality of higher education	21-22 December 2022 Meerut	RG PG College, Meerut	National	Paper presented
3.	Applications of Biosurfactants as an emerging green technology for cleaner environment	three days International conference on Environment, health care food security and sustainable development (EHFSSD-2022)	5 -7 June 2022 Meerut	Shobhit Inst. Of Engineering & Technology, Meerut and Food Analyst Association, India, Pallavpuram , Meerut	International	Paper presented
4.	Harmful effects of long-term exposure of VOCs	Recent trends in advancement of	22-23 May 2020	D.N. College Meerut	International	Paper presented

	and NOX on human cardiovascular system	mathematical and Physical Sciences	Meerut		(Online)	
5.	Future prospects of imparting online education challenges and opportunities	Higher education in the era of global pandemic -Aspects challenges and prospects	16- 17 May 2020 Meerut	NAS PG College Meerut	International (Online)	Paper presented
6.	Microalgae based biofuels for sustainable development	Replacement of petrochemicals bio-based chemical for save environment	18 February 2020 Muzaffarnagar	Department of Chemistry, Chauthari Chhotu Ram P.G. College, Muzaffarnagar, Sponsored by Dept. of Higher Education, Govt. Of U.P.	National	Paper presented
7.	Qualitative assessment of inorganic contaminants in drinking water	Water footprint	31st January 2020 Saroorpur Khurd	Sanjay Gandhi P.G. College Saroorpur Khurd Meerut. Sponsored by Dept. of Higher Education, Govt. Of U.P.	National	Paper presented
8.	Applications of biosurfactants for cleaner environment: An emerging green technology	Indian analytical congress IAC 2019	12-14 Dec 2019, Amity iniversity, Noida	FICCI and Indian society of Analytical Chemists, Delhi Chapter	International	Paper presented
9.	Impact on long term exposure of NOX on human cardiovascular system	Green developmet for environmental concerns and sustainable progress	1 Dec 2019 Mawana, Meerut	A.S.College, Mawana, Meerut Sponsored by Uttar Pradesh Council. of Higher Education, Govt. Of U.P	National	Paper presented
10.	Biochemical properties of Solanum xanthocarpum for treatment of cough and bronchial allergies'	Herbal therapy: Present scenario and future prospects	19 Sep 2019. Meerut	Dept. of Botany, RG College, Meerut	National	Paper presented
11.	A review on removal of BPA using phytomaterial based adsorbents	Global Environmental challenges human health and sustainable development	11-13 January 2019 JNU, New Delhi	ESDA Delhi & Centre for study of regional development, JNU, New Delhi. Ministry of Environment, forest and climate change,	International	Paper presented

				GoI		
12.	A Review on biodegradation of melanoidins from sugarcane molasses based distillery effluents	Advances in agricultural, biological and applied sciences for sustainable future(ABAS-2018	20-22 Oct 2018 Meerut	Swami Vivekanand Subharti University, Meerut, U.P	International	Paper presented
13.	General science awareness lecture	Vigyan Ghar season 2: The first ever Science based reality show organised by District Science Club and Pragati Vigyan sanstha at Ved International School on 21 June 2018				Invited speaker and resource person
14.	Biodegradation of Melanoidins from sugarcane molasses based distillery effluents: A review	Green Chemistry and sustainable development	25 Feb 2018. Meerut	Department of Chemistry Meerut college, Meerut and ARIDSS , UGC sponsored	National	Invited speaker and resource person
15	Adulteration in food products and testing	seven days NSS special camp, N.A.S.College, Meerut	14.02.2018.			Invited speaker
16	Pollution control and environmental conservation	seven days NSS special camp, R.G. College, Meerut on	1.02.2018			Invited speaker
17.	Bioremediation: a promising technology for removal of inorganic contaminants	Innovative techniques in scientific research and skill development	28-29 January 2018 Meerut	Department of Chemistry, Meerut College, Meerut, Sponsored by UGC under CPE	National	Paper presented
18.	Jaivbahulak-satat vikas ke saarathi- Bhavishya aur chaunotiyan	Takniki Shabdavali aur Rasayan Vigyan	10-11 Nov 2017 Hapur	Commission for Scientific and Technical Terminology , MHRD, Dept of H.E.& SSV College, Hapur	National	Paper presented
19.	Plastic waste : Generation and management	Bioenergy and waste	9 Sep 2017	Dept. Of Biotechnology,	National	Paper presented

		management: strategies and solutions	Muzaffarnagar	S.D.College of Engineering and Technology, Muzaffarnagar, U.P. sponsored by AKTU,Lucknow		
20.	Role of microbes and their potential enzymes in biodegradation of melanoidins from distillery effluent	National seminar on Latest advances in physical sciences and life sciences	18-19 March 2017 Meerut	Department of Chemistry, Meerut College, Meerut on 18-19 march 2017 sponsored by INSA, New Delhi. sponsored by INSA, New Delhi	National	Paper presented
21.	Activated carbon as novel adsorbent for efficient removal of VOC's	Green chemistry for sustainable future"	25 Feb 2017 Muzaffarnagar	Dept. Of chemistry, CCR P.G.College, Muzaffarnagar Sponsored by Dept. of Higher Education, Govt. Of U.P.	National	Paper presented
22.	Applications of GIS in oil spills risk assessment"	Overview of Geoinformatics and its applications	23 Feb 2017 Meerut	organised by dept. Of Geography, R.G.(P.G.) College, Meerut.	National	Paper presented
23.	Potential applications of fullerenes in science and technology	Recent development in science and technology"	19 Feb 2017 Meerut	Dept.of Chemistry, Meerut College, Meerut sponsored by ARIDSS, New Delhi	National	Paper presented
24	Adopting green technologies:solution for global climate change and biodiversity conservation	Climate change and biodiversity conservation"	21 December, 2016 Meerut	Department of Botany, R.G.(P.G.) College, Meerut.	International	Paper presented
25	Health and environmental impacts of depletion of ozone layer	Emerging environmental Concerns and public health	11-12 Dec 2016 Meerut	S.M.P Govt Girls' College, Meerut Sponsored by Dept. of Higher	National	Paper presented

				Education, Govt. Of U.P		
26	Green Chemistry– Solution For Global Climate Change and Sustainability ”	Challenges of Climate Change and Green Environmental Solutions”	10 December, 2016 Meerut	Department of Botany, Ch. Charan Singh University, Meerut	National	Paper presented
27	Depletion of ozone layer:Causes,Impacts and prevention	Water conservation,climate change and organic farming”	28 November , 2016 Meerut	Department of Geography, R.G.(P.G.) College, Meerut	National	Paper presented
28	Electro kinetic remediation of contaminated soils-an innovative approach for removal of organic contaminants	Science & Technology for National Development "	November 20-22,2016. Haridwar, U.K.	ISCA: Haridwar Chapter held at Department of Chemistry, Gurukul Kangri Vishwavidyalaya, Haridwar	National	Paper presented
29	Potentials of phytoremediation for cleaner environment :An emerging green technology	Global initiatives in applied sciences and green technologies	9-11 Sep 2016 Modinagar	SRM University ,Modinagar, Ghaziabad	International	Paper presented
30	Water management through rain water harvesting: Solution to water crisis	Water conservation, challenges and opportunities	30-31 August 2016 Modinagar	Ginni Devi Modi Girls’P.G.College, Modinagar Sponsored by UGC under CPE Jaladhikar Foundation,New Delhi	National	Paper presented
31	Arsenic toxicity in groundwater of west Bengal: Clinical manifestation &remedial strategies	Sustainable chemical and material sciences(SCMS-2016)	5-6 August 2016	SS Jain Subodh P.G.College, Jaipur Sponsored by UGC, DST,DRDO,BRNS	National	Paper presented
32	Future outlook of biopolymers: Hopes and challenges	Science and Technology for indigenous development in India	28-30 Sep 2015. Haridwar	ISCA-Haridwar chapter and Faculty of Engineering & Technology, Gurukul Kangri Vishwavidhyalya, Haridwar	National	Paper presented
33	Role of value education in contemporary society:An overview:	Value education for ethics and global peace	29-30 April 2016 Meerut	Deewan institute of management studies, Meerut.	National	Paper presented

34	Potential impacts of long term exposure of NOx on human Cardio respiratory system	Environmental toxicology	25-26 March 2016. Meerut	Dept. of zoology, C.C.S. University, Meerut	National	Paper presented
35	Potential impacts of inorganic contaminants on ecosystem and human health	Environmental issues and challenges in present scenario	13-14 March 2016 Sarurpur Khurd	Dept. of education, Sanjay Gandhi P. G. College, Sarurpur Khurd, Meerut Sponsored by Environment & Social Research Organisation, New Delhi	National	Paper presented
36	Intervention of ICT for quality education: Prospects and opportunities” in national seminar on on organised by	Quality assurance in higher education : Involvement of Information and Communication Technology	1-2 March 2016 Baraut, Baghpat	D.J. College, Baraut, Baghpat Sponsored by Directorate of Higher Education, U.P.	National	Paper presented
37	Role of Information technology in indigenous and sustainable development of vibrant India	Developing a vibrant India: Challenges & issues	21-22 Feb 2016 Allahabad	Dept. of Political science, H. N. B. Govt P. G. College, Naini, Allahabad. sponsored by Dept. of higher Education, Govt of U.P	National	Paper presented
38	Correlation analysis ofbis{dipyridinesilver{i} chromate”	52 nd Annual convention of Chemists 2015	28-30 Dec 2015. Jaipur, Rajasthan	JECRC University, Jaipur, Rajasthan & Indian Chemical Society, Kolkata	National	Paper presented
39	Rain water harvesting: Solution to water crisis & lifeline for human being	Rain water harvesting	02 Dec 2015 Meerut	Dept. of botany, R.G.(P.G.) College, Meerut	National	Paper presented
40	Role of stress management in improving mental health: An overview	Spiritual Orientation : A predictor of mental health in teaching	28 Jan 2015 Meerut	Dept. of Education, R.G.P.G. College ,Meerut.	National	Paper presented

		professionals				
41	Greening across the chemistry	Future perspective of science & technology in society and governance	29-30 Nov 2014 Hapur	Dept. of Chemistry, SSV College Hapur ,UGC sponsored	National	Paper presented
42	Potential impacts of climate change: An overview	Climate change with reference to India	6 Sep 2014 Meerut	Dept. of Geography ,R. G. P. G. College ,Meerut	National	Paper presented
43	Relevance of computer mediated communication in research process”	Research in Higher Education: Region, Problems & Techniques	3-4 Dec. 2011, Meerut	Music Dept, SMP Girls P.G. College Meerut. sponsored by U.P. Govt. Higher Education Dept.	National	Paper presented
44	Environment and development	Rural Health & Environment Development & change	25 - 26 Nov.2010 Meerut	Dept. of Sociology, R.G. P.G. College, Meerut sponsored by ICSSR	National	Paper presented
45	Oxidation of Aliphatic primary alcohols by Norpholinium chlorochromate: A kinetic and mechanistic approach	National seminar on Recent trends in Chemical research, sponserd by CSIR, New Delhi	4-6 Sep 2010	Dept. of Chemistry. Meerut College, Meerut. UP	National	Paper presented
46	Structure and reactivity correlations in the oxidation of substituted benzaldehydes bypyridniumbromochromate	Analytical Electrochemistry NSAE-2010	Feb 08-2010	Dept. of Chemistry, JNV University Jodhpur, Rajasthan	National	Paper presented
47	Training and testing workshop on Milk and milk products adulteration	Catalysed and supported by Council of Science and Technology, Meerut	25 August 2009	Dept. of Food Sc and Quality control, RGPG College, Meerut	Local	Resource person
48	Training and testing workshop on Milk and milk products adulteration	Catalysed and supported by Council of Science and Technology, Meerut	11-12 Feb 2009	Dept. of Food Sc and Quality control, RGPG College, Meerut	Local	Resource person

31. Administrative Experience:-

Coordinator, Dept. of Food Science & quality control since 2014

Internship coordinator, Institution Innovation Cell since 2022

Incharge , Criteria 3, NAAC since 2022

S.No	Name of the Committee	Types of Participation	Whether of University or College Level	Year
1.	University Evaluation Centre SCRIET,CCS University, Meerut	Asst.Deputy Controller	University	2015-16
2.	Dept. of Food Sc. & Q.C.	Coordinator	College	2014- till date
3.	IQAC	Dept AQAR Incharge	College	2009 -till 2021
4.	Admission committee, B. Sc	Member	College	2019-20, 2018-19, 2017-18, 2009-10
5.	Chemistry Association	Convenor	College	2019-20, 2018-19,2017-18, 2016-17, 2015-16, 2014-15, 2013-14, 2011-12,2010-11, 2009-10
6.	Beautification and Gardening committee	Member	College	2019-20, 2018-19
7.	R.G.T.A	Member	College	2019-20
8.	Sports committee	Member	College	2019-20,2018-19, 2017-18, 2016-17, 2015-16, 2013-14, 2012-13
9.	Proctorial board	Member	College	2022-23, 2019-2020, 2018- 19, 2017-18. 2016-17, 2015- 16, 2014-15
10.	Ranger's committee	Member	College	2019-20, 2018-19
11.	College Magazine Committee	Member	College	2019-20
12.	Hostel committee	Member	College	2019-20, 2018-19
13.	Canteen committee	Member	College	2019-20, 2018-19
14.	Plantation committee	Member	College	2019-20
15.	Academic& Career Counselling Cell	Member	College	2018-19, 2017-18,2016-17 2015-16,2014-15, 2013-14, 2011-12, 2010-11
16.	Student's Welfare Association	Member	College	2017-18,2016-17, 2015-16, 2014-15, 2013-14 2010-11, 2009-10

17.	Library committee	Member	College	2017-18, 2016-17
18.	Debating society	Member	College	2016-17, 2015-16, 2013-14, 2012-13, 2010-11, 2009-10
19.	College media spokesperson	Member	College	2018-19
20.	College Management committee	Member	College	2017-18
21.	Staff club	Member	College	2018-19, 2017-18, 2016-17, 2015-16
22.	Dept.magazine, Chemkon	Co-editor	College	2011-12
23.	Swayam/ NPTEL Local chapter	SPOC		2021
24.	Online Education and LMS Cell	Incharge	College	2021
25.	NCC	CTO , RGPG 1	College	2021

32. **Future plans:**

- To foster academic growth and initiate research work.
- To apply for Government funded major/minor project.
- To work towards publication work in high impact factor journals.
- To promote and adopt new teaching learning pedagogy
- To adhere to maintain work life balance.
- To contribute in meeting institutional goals to excel higher education.

