


### Curriculum Vitae

<b>Full Name</b>	Dr. VEENA JOSHI		
<b>Designation</b>	Professor		
<b>Department</b>	Chemistry		
<b>Campus</b>	S.R.T.Campus Badshahithaul, Tehri		
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<b>Education Qualification</b>	Degree (Year), University B.Sc. -1985, M.Sc.- 1987, D.Phil.- 2005		
<b>Teaching Experience</b>	Total-30years As professor-09 years	<b>Research Experience</b>	20Years
<b>Areas of Interest/ Specialization</b> 1. Synthetic Organic Chemistry 2. Environmental Science 3. Material Science			
<b>Membership of Scientific Organization</b> 1. Association Of Chemistry Teachers.      4. Radnet Society 2. Indian Science congress Association.      5. Geohazard Society 3. Indian Chemical Society.			
<b>Research Supervision (No of Ph.D. Degree Awarded) Awarded - 02</b> <b>Submitted- 01</b> <b>Enrolled - 01</b>			
<b>Research Projects/ MoU undertaken</b> 1. "A comprehensive study of natural radiation level in Pauri and Udham Singh Nagar district of Uttarakhand" funding agency – DAE –BRNS , cost 33,43,550/- 3 year – PI of project (Ongoing) 2. "Strengthening the infrastructure facility at nodal centre to persne Radon Thoron study in Northern Indian" Funding agency – DAE –BRNS , Cost-84, 00,000/- , CO_PI of project – for 3 year (Ongoing) 3. Modelling of Radon exhalation into soil chambers for continuous flux measurement and its validates for continuous flux measurement strength multiparametric measurement A case study Garhwal Himalaya” - Funding agency DAE – BRNS (FA – Cost-21,56,750/- , CO_PI of project (Completed)			

**Administrative Experience**

1. Worked as ADSW , Proctor, Member election committee, Member admission committee.
  2. Worked as Hostel Warden of SRT Campus Badshahi Thaul
  3. Working as Head of Department From January 2017 to till February 2019.
- Worked as member of campus purchase committee from 2013 to 2015
  - Working as incharge director from time to time
  - Working as Senior programme officer of NSS
  - Working as member Departmental purchase committee

**Ph.D. Evaluation :**

1. Evaluated PhD Thesis of Niranjana Singh Mandawat from Kota University Rajasthan entitled “Plasmonic material induced and quantum dot sensitised nanomolecular device for photocatalytic water splitting”
2. Evaluated Ph.D Thesis of Miss Manisha Sahai from CSIR IIT Dehradun entitled “Studies on composition ,upgradation and rheological behaviour of hydrocarbons derived from tar sands “

**Ph.D Viva voce conducted :**

1. Conducted viva voce of Mr Niranjana Singh Mandawat on September 14/ 2019 at Kota University Rajasthan .
2. Conducted viva voce of Miss Manisha Sahai at Uttarakhand Technical University on September 27/2019 at Dehradun Conference/Symposium/Workshop Attended during

**Conference/Symposium/Workshop Attended during last five years (2014-2019).**

**International**

1. Presented a research paper entitled “Structural Modifications Of PMMA And PMMA/CNT Matrix By Swift Heavy Ions Irradiation” International Conference on Advanced Material Technologies, Dadi Institute of Technology, Visakhapatnam, Andra Pradesh, from 27 - 28 December 2016. National
2. Presented a research paper entitled “Structural Modifications Of PMMA And PMMA/CNT Matrix ” 53rd Annual Convention of chemis, GITAM University, Visakhapatnam, Andra Pradesh, from 27 – 29 December 2016.
3. Presented a paper Entitled “Cloudburst : Causes and consequences” in a national level seminar organized by Department of Geology HNB Garhwal University SRT Campus Badshahithaul on 26-28 Oct s2014
4. Presented a paper Entitled “Cloudburst : Causes and consequences” in a national level seminar organized by Department of Geology HNB Garhwal University SRT Campus Badshahithaul on 26-28 Oct 2014
5. .National Conference on Recent frontiers in Chemistry (NCRFC\_2018) Organised by Department of Chemistry Srinagar Garhwal on 27-28 April 2018 , Chaired a Session and member of organising committee.
6. . 1st Annual Conference of Society of Himalayan Action Research and Development on Recent Advances in Chemical and Nano Science. Organised by Department of Chemistry Pauri campus on 28-29 October 2018 at Pauri , Presented a paper entitled “Modification of Moringa oleifera Gum and its future perspective “
7. .National Conference on Recent Advancement in N a t u r a l P r o d u c t s C h e m i s t r y a n d N a n o Technology( RANPCN-2019) on 9-10 September 2019 At Srinagar Garhwal 8. Delivered an invited talk on Effect of Doping and SHI Irradiation on Conducting Behaviour of Polymer Composites in 2ND national conference on science and technology for rural development (NCSTRD-2019) on 13-14 october at MD university Rohtak organised by department of chemistry.

**WORKSHOPS :**

1. Participated in a two days workshop on Role of Open Educational Resources in higher education (15-17 Dec 2017 )at Activity centre chauras of HNBGarhwal University organised by FDC HNBGU .
2. Delivered an Invited talk in a seven day workshop on sustainable schools for Primary teachers organised by school of Education at SRTCampus on February 27, 2019
3. Attended a one day workshop on applications of remote sensing and GIS in water resource management organised by Utrakhand Space application centre USAC on 11 march 2019.
4. Participated in a two days workshop on Opportunities and trends in modern Instrumentation for Science and Technology (OPTIMIST\_2019) jointly organised by CSIR IIP and graphic era university Dehradun jointly on 7-9 nov 2019.
5. Participated in a one week workshop on academic leadership for internship schools principal/seniorfaculty organised by School of Education HNBGarhwal University as member of organising committee From 26 Sep 1 October 2019. At SRTCampus Badshahithaul.

**Conference/Symposium/Workshop Organized during last five years (2012-2017)**

1. Organised a conference on Radiation Awareness and Detection in Natural Environment , June 15-17, 2015. With Department of Physics SRT Campus Badshahi Thaul and GDC PG College New Tehri.

**Research Publications(2015-2019):**

1. Joshi, Veena, Hydro-power projects: Geological and environment impact, In: Geo Hazards: Recent Research, (eds.) Ramola, R.C. & Gusain, G.S., Narosa Publishing House, New Delhi, pp. 136-144. ISBN 978-81-8487-396-2. (2015).
2. One pot facile synthesis of some new  $\gamma,\gamma$ -disubstitued butenolides, Veena Joshi, S. Prakash and R.P. Chamoli, International journal of advance research in chemical sciences. Vol.2, (October 2015), issue 10
3. Synthetic and Structural characterization of some new  $\Delta\alpha,\beta$  butenolides of pharmacological interest, Veena. Joshi, A.M. Painuly and R.P. Chamoli, Indian journal of Heterocyclic Chemistry. Vol.25, (Oct-Dec, 2015), pp 129-136.
4. Study of radon flux from soil in Budhakedar region using SRM, A.A. Bourai, S. Aswal, T. Kandari, S. Kumar, Veena Joshi, B.K. Sahoo and R.C. Ramola, Radiation Protection Dosimetry. Vol. 171, (2016), pp. 267–270, doi:10.1093/rpd/nw072.
5. Measurement of radon, thoron and their progeny concentrations in the dwellings of Pauri Garhwal, Uttarakhand, India,,Veena. Joshi, S. Dutt, M. Yadav, R. Mishra and R.C. Ramola, Radiation Protection Dosimetry Vol. 171, (2016), No. 2, 234- 237 237, doi:10.1093/ rpd/ ncw065.
6. A comparative study of radium content and radon exhalation rate from soil samples using active and passive techniques, M. Yadav, M. Prasad, Veena . Joshi, G.S. Gusain and R.C. Ramola, Radiation Protection Dosimetry,Vol. 171,(2016), No. 2, pp. 254–256, doi:10.1093/rpd/nw069
7. Veena Joshi, Madhu Lata Bharti, Sanjay Dutt Rakesh Raturi Structural Modifications of PMMA and PMMA /CNT matrix by Swift heavy ion irradiation , (2017) IOP Conf, series , Material Science and Engineering,225,012093.
8. Veena Joshi , Madhu Mata Mharti and Sanjay Dutt Effect of 50 MeV Li<sup>+3</sup> and C<sup>+5</sup> ion beam irradiation on the Optical Structural Chemical and Surface Topographic Properties of PMMA films ,Radiation Eeffect and Defect in Solids , (2017), DOI 10.1080/10420150/2017,1386663
9. Veena Joshi, Madhu Lata Bharti , Fouran Singh and R c Ramola Photoluminescence and Reflectivity Study of High Energy Light ion Irradiation of Polymethyl methacrylate films, , Optical Material , 73 (2017)550-554
10. Veena Joshi , Madhu Mata Mharti and Sanjay Dutt Effect of 50 MeV Li<sup>+3</sup> and C<sup>+5</sup> ion beam irradiation on the Optical Structural Chemical and Surface Topographic Properties of PMMA films ,Radiation Eeffect and Defect in Solids , (2017), DOI 10.1080/10420150/2017,1386663
11. Veena joshi ,Sanjay Dutt, Madhu Lata Bharti, Manju Lata Yadav, Rohit Singh Sajwan A Study on Inhalation Dose Due to indoor Radon from Lansdowne Region of Pauri Garhwal Uttarakhand , India, IJRAR International Journal and Research Analytical reviews, 5(3) 2018, 451-456, ISSN 2349-5132.

12. Veena Joshi, Sunita Ranote, Bhagat Ram, Dharamender Kumar, Ghanshyam S. Chauhan, "Functionalization of Moringa oleifera gum for use as Hg<sup>2+</sup> ions adsorbent" Journal of Environmental Chemical Engineering 6 (2018) 1805-1813. ISSN-2213-3437..

13. Veena Joshi Sunita Ranote, Dharamender Kumar, Sapana Kumari, Rakesh kumar, Ghanshyam S. Chauhan, "Green synthesis of Moringa oleifera gum based bifunctional polyurethane foam braced with ash for rapid and efficient dye removal" Journal of Environmental Chemical Engineering 361(2019) 1586-1596. ISSN-1385-8947.