

# Curriculum Vitae

## Prof. Vinod Kumar Garg

Dean Students Welfare

Center for Environmental Science and Technology

Central University of Punjab

Bathinda – 151001, Punjab

## Employment Record

From – To	Institution	Position
15.03.2016 – Present	Centre for Environmental Science and Technology, Central University of Punjab, Bathinda – 151001	Professor
09.03.2004 – 14.03.2016	Department of Environmental Science and Engineering, Guru Jambheshwar University of Science and Technology, Hisar (India)	Professor
09.03.1996 – 08.03.2004	Department of Environmental Science and Engineering, Guru Jambheshwar University of Science and Technology, Hisar (India)	Associate Professor
15.12.1992 – 08.03.1996	Department of Agronomy, CCS Haryana Agricultural University, Hisar (India)	Assistant Scientist

## Present Duties

### Administrative

- Dean Students Welfare, Central University of Bathinda
- Dean, School of Environment and Earth Sciences
- Dean, School of Information and Communicative Sciences
- Head, Department of Environmental Science and Technology
- Head, Department of Mass Communication and Media Studies
- Chairman, CAS committee of the university
- Chairman, Rate Contract Committee of the university
- Chairman, Leave Committee of the university
- Other official duties assigned by the university

### Teaching

- Teaching M.Sc. (Environmental Sciences) students
- Guiding research scholars for Ph.D. research work
- Guiding post graduate students (M.Sc.) for their project work
- Undertake research projects from different funding agencies
- Undertake industrial consultancy

## Academic Qualifications

Year	Degree	Institution	Marks	Academic Excellence
2001	Post Graduate Diploma in Pollution Management	APS University, Rewa	75%	1 <sup>st</sup> position.
1992	Ph.D. in Chemistry	CCS Haryana Agricultural University, Hisar	87%	1 <sup>st</sup> in Ph.D. in all basic science courses & received merit scholarship from 1988-91.
1987	M.Sc. in Chemistry	CCS Haryana Agricultural University, Hisar	84.6%	1 <sup>st</sup> in M.Sc. (Previous) & M.Sc. (Final) in Chemistry. Received merit scholarship for the entire duration.
1985	B.Sc. in Biology	Kurukshetra University, Kurukshetra	68.84%	1 <sup>st</sup> position.

## h-Index and Citations

	Google Scholar	Scopus
H-Index	59	48
Citations	12900	8200

## Honors and Awards

1. Visited EPFL, Lausanne, Switzerland in October- November, 2015 as Visiting Scientist.
2. Visited Deakin University, Geelong, Australia in Jan – Feb., 2014 under TEQIP-II Program.
3. Outstanding Reviewer Award in 2013 from Elsevier.
4. Thomson Reuters India Citation Award, 2012: for highest citations of Research work
5. Fellow, Biotech Research Society of India, 2011
6. Nominated as visiting scholar to Mauritius under 5TH UGC-TEC Consortium for the year 2011.
7. Outstanding Reviewer Award in 2010 from Elsevier.
8. Top Reviewer Award 2007 by Elsevier.
9. Guest editor for 6 volumes of International Journal of Environment and Waste Management.
10. Guest editor for World Reviews in Science, Technology and Sustainable Development.
11. Selected for Netherland Fellowship to attend a short course in 2009 at UNESCO-IHE, The Netherlands.
12. Invited speaker/Resource person in several Academic staff colleges in refresher courses, orientation program and summer schools.
13. Member editorial Boards of several national and international journals.
14. Member PGBOS of other universities.
15. Ph.D. thesis examiner of other universities.
16. Examiners for theory as well practical examination for UG and PG courses of several Universities.
17. Member organizing Committee of several national and International conferences.
18. Observer in various national level exams such as UGC-NET, JEE (Main), AIPMT etc conducted by National bodies such as UGC, CBSE etc.

## **Conferences Attended and/or Participated**

95 National and International Conferences/Symposiums/Workshops/ Short term courses have been attended/participated.

## **Other Official Duties Performing/Performed**

1. Expert Member, District level Expert Appraisal Committee (DEAC), Bathinda, Punjab (2016 – 2019).
2. Expert Member, District level Expert Appraisal Committee (DEAC), Faridkot, Punjab (2016 – 2019).
3. Member, Executive Council from 2016- 2018, Central University of Punjab, Bathinda, India.
4. Member, Academic Council from 2016- 2018, Central University of Punjab, Bathinda, India.
5. Member, Planning Board, Central University of Punjab, Bathinda, India. (2016 – 2018).
6. Member, Building Advisory Committee, Central University of Punjab, Bathinda, India. (2016 – 2018)
7. Officiated as Registrar in May/2016 Central University of Punjab, Bathinda, India
8. Officiated as Controller of Examination in May/2016 Central University of Punjab, Bathinda, India.
9. Chairman, FIST, Centre for Environmental Sciences & Technology, Central University of Punjab, Bathinda
10. Incharge, Radio-ecology Centre, Guru Jambheshwar University of Science & Technology, Hisar (2009 – 2016).
11. Member, Co-ordination Committee for NAAC Peer Team Visit to Central University of Punjab, Bathinda, India. (April, 2016).
12. Member of the Academic Council (four times) GJU, Hisar.
13. Member of the Proctorial Board of the University in 2003 – 2006.
14. Member of the University Court, GJU, Hisar (1996 - 1998).
15. Co-Incharge of the SC/ST coaching centre of the Guru Jambheshwar University of Science and Technology, Hisar.
16. Co-Incharge of the University Coaching Centre (UCC) for the coaching of IAS/HCS and other allied services at Guru Jambheshwar University of Science and Technology, Hisar.
17. Member of PG Board of Studies of several Universities (Kurukshetra University, Kurukshetra; Maharaja Ganga Singh University, Bikaner; B. R. Ambedkar University, Jhansi; Maharaja Ranjit Singh Technical University, Bathinda, Punjab Technical University, Kapurthala, Indira Gandhi University, Meerpur; Ch. Devi Lal University, Sirsa).
18. Subject expert for Curriculum development for Undergraduate and Post graduate classes in different universities. (Central University of Haryana, YMCA University of Science and Technology, Faridabad, Maharaja Ranjit Singh Technical University, Bathinda).
19. Subject Expert in the Faculty selection committee of other universities.
20. Subject Expert in State Public service commissions for selections.
21. Subject Expert for paper setting in State Public service commissions for selections.
22. Paper setter, thesis evaluator (Masters and Doctoral) for different Indian and foreign universities
23. Paper setter for screening test for faculty selection for different universities.

## Areas of Research

1. Water and Wastewater pollution monitoring and abatement
2. Solid Waste Management
3. Pesticide pollution
4. Heavy Metal and radionuclide pollution
5. Radio-ecology

## Research Projects Undertaken

1. Fluoride in Underground Water: Its Effects and Removal (Principal Investigator) funded by University Grants Commission, Delhi in March, 2001 (India) (Principal Investigator). (Rs. 5,20,000/-). Completed
2. Water Quality Monitoring of Rivers and Canals of Haryana (Co-Principal Investigator) funded by Department of Environment, Govt. of Haryana (completed in 2000) (Rs. 2,30,000/-)
3. Biomass mediated removal of textile dyes from waste effluents and characterization of microbial consortia funded by University Grants Commission, Delhi in March, 2007 (India) (Co-PI) (completed) (Rs. 10, 50,000/-). Completed.
4. Ecological Risk assessment for Narora Atomic Power Station funded by Department of Atomic Energy, Board of Research in Nuclear Science, Mumbai (DAE-BRNS) (Principal Investigator) funded in 2009 (completed) (Rs. 36.84 Lakhs).
5. Establishment of Radio-ecology Centre in Guru Jambheshwar University, Hisar funded by Department of Atomic Energy, Board of Research in Nuclear Science, Mumbai (DAE-BRNS) (Principal Investigator) funded in 2009 (Completed) (Rs. 5.11crores). Four research projects have been completed under this MoU.
6. Organization of "Sixteenth national Symposium on Environment" from 16-18 July, 2008 funded by Department of Atomic Energy, Board of Research in Nuclear Science, Mumbai (DAE-BRNS) (Convener) (Rs. 4.50 lakhs).
7. Determination of Natural Uranium in groundwater in Some districts of Haryana, India funded by Board of Research in Nuclear Science, Mumbai (DAE-BRNS) (Principal Investigator) sanctioned in 2014 (Rs. 27L).
8. Rn/Th and Gamma radiation levels in three districts of Haryana funded by Board of Research in Nuclear Science, Mumbai (DAE-BRNS) (Co-Principal Investigator) sanctioned in 2015 (Rs. 33.00 lakhs).
9. Production of Courseware e-Content for Post- Graduate Subject (Environmental Sciences) funded by University Grants Commission, New Delhi (Co-Principal Investigator) sanctioned in 2016 (Rs. 105.00 lakhs).
10. Coordinated project on Invasive Alien plant species in Himalayas funded by " NMHS, MOEF, New Delhi (Principal Investigator ) ( Rs. 463 lakhs)

## Publications

Research papers (International)	130
Research papers (National)	31
Research papers (Communicated)	7
Reviews	4
Conference proceedings	22
Abstracts in conference proceedings	42
Bulletins	3
Scientific articles in journals	3
Scientific articles in magazines	11
Articles in websites	2
Scientific articles in newspapers	25
Books	2
Book chapters	12
Editorials	6
Guest edited (Special issues in journals)	6
<b>Total number of publications</b>	<b>301</b>

## Students Guided

M.Sc. (Environmental Sciences)	80
Ph.D. (Environmental Sciences)	20
Completed	15
In progress	4
Preparing	1

## Membership of Professional Bodies

1. Life member, Biotech Research Society of India, Trivendrum
2. Life Member, Indian Science Congress, Kolkata
3. Life Member, Indian Society of Weed Science, Jabalpur
4. Life Member, National Solid Waste Association of India (NSWAI), Mumbai
5. Life Member, International forum on Industrial Bioprocesses (IFIBiop), Clermont-Ferrand, France
6. Life Member, Indian Nuclear Society, Mumbai
7. Life Member, Punjab Academy of Sciences, Patiala
8. Member, Working Group on Biological Treatment of Wastes, International Solid Waste Association, Austria

## Editorial Activities

1. Guest-Editor for the special issues (Six issues) on "Solid Waste Management" for International Journal of Environment and Waste Management published by Inderscience Publishers, USA.
2. Guest editor for special issue on "Solid Waste Management" for World Reviews in Science, Technology and Sustainable Development published by Inderscience Publishers, USA.
3. Member "Editorial Board" of Journal of Scientific and Industrial Research Published by NISCAIR (CSIR), New Delhi from 2008-2010, 2010-2012, 2012-2014.
4. Member "Editorial Board" of Indian Science Abstracts Published by NISCAIR (CSIR), New Delhi from 2010-2012, 2012-2014.

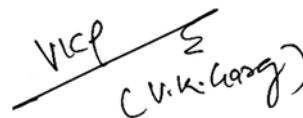
5. Member "Editorial Board" for the publication of the Proceedings of the 16th National Symposium on Environment (NSE-16) organized by the Department of Environmental Science and Engg., Guru Jambheshwar University of Science and Technology, Hisar organized from 16-18 July, 2008.
6. Convener of the Publication Committee published the Compendium of lectures for the Refresher Course
7. Technical Reviewer for more than 70 International and national journals to review the research papers for publication.

### Extension Work and Outreach

1. Resource person in Academic Staff colleges in different universities on Environmental Sciences related topics.
2. Talks on the Doordarshan and other TV channels related to Environment.
3. Talks on All India Radio related to different aspects of Environment.
4. Guiding the students of other university for their project work.
5. Organization of debates/quizzes etc. on the aspects related to environmental awareness.

### Personal

<b>DATE OF BIRTH</b>	18th April, 1964
<b>NATIONALITY</b>	Indian
<b>POSTAL ADDRESS</b>	Prof. V. K. Garg Centre for Environmental Science and Technology Central University of Punjab Bathinda – 151 001 (Punjab)
<b>PRESENT POST HELD</b>	Professor
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**(V.K. Garg)**