

Curriculum Vitae



Dr. (Mrs.) Rajesh Dhankhar

Professor

Department of Environmental Sc.

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Educational Qualifications:

- ❖ Ph.D. in the field of Environmental Bioremediation for the bio-amelioration of saline soils from Department of Biosciences, Maharshi Dayanand University, Rohtak in Oct. 1992.
- ❖ Post-graduation in Botany from the Department of Biosciences, Maharshi Dayanand University, Rohtak in July, 1988
- ❖ Graduation (B.Sc.) from Maharshi Dayanand University, Rohtak in 1986

Date of joining in the M.D.University: 10th October, 1991. As a lecturer

Date of joining as a Reader: 14th November, 2000.

Date of joining as a Professor: 14th November, 2008.

Teaching and Research Experience:

- ❖ Thirty years research experience in the field of Eco-toxicology
 - ❖ Thirty years teaching experience in Postgraduate classes of Botany and Environmental Sciences
 - ❖ Seven years of teaching experience in undergraduate classes at IGNOU centre.
 - ❖ Five years of teaching experience in UG classes (Pharmacy Deptt.)
 - ❖ Guided and supervised twenty six Doctor of Philosophy in Eco-toxicology
 - ❖ Seven fellows are under supervision
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- More than ninty publications in different national and international peer journals with impact factors and citation index
 - Three books on Environmental Sciences
 - Members of more than ten scientific bodies
 - Participated in various national and international conferences
 - Attended different workshops in various fields of environment
 - Members of U.G. & P.G. board of studies of different universities
 - Member of different N.G.Os.

- Resource person in different refresher courses, N.S.S. camps, Conferences, Environmental awareness programs organized by different universities .
- Co-ordinator of UGC Innovative programme 2012-2017.
- Member of steering committee for climate change, biodiversity and wildlife constituted by Govt. of Haryana 2012-2013.
- Member of National Academic bodies UGC, DST, MHRD for various committees.
- Co-ordinator of DST-FIST programme 2012-2013.
- Convener of Green Audit Committee at M.D.U. Campus Rohtak.
- Member of E-waste management committee at M.D.U. Campus Rohtak.
- Co-ordinator for establishment of “ Bioinformatics Infrastructure facility” under BTIS net Programme.
- Additional charge of Director Centre for Bio-informatics and Provost Girls from Aug. 2016 to January 2020.
- Coordinator of ESM Cell of the University since 2017.

Conferences/ Workshops/ Symposium (2000-2015):

1. Participated in Environmental Awareness refresher course at Shimla (2000).
2. Attended patent awareness workshop in M. D. University, Rohtak (2002).
3. Participated in National Adventure Programme at Panchmarhi (2003).
4. Participated in National workshop on herbarium techniques conducted by NISCAIR, New Delhi (2003).
5. Participated in Remote Sensing and GIS Awareness programme organized by HARSAC, HISSAR (2003).
6. Participated in Environmental awareness programme at G.J. University, Hissar (2004).
7. Participated in INDIAN Science congress held at Chandigarh (2004).
8. Attended patent awareness workshop organized by PIC Hissar in collaboration with TIFAC, New Delhi and Biosciences Deptt., M.D.University, Rohtak on December 30, 2005 at M.D.U., Rohtak.
9. Attended IX DST sponsored National Workshop on “Immobilized enzyme Technology for Sensor” held at Biosciences Deptt., M.D.University, Rohtak on Aug, 24-Sept., 2007.
10. Attended National workshop on e-waste management organized by Department of Environmental Science and Engineering, G.J.U., Hissar on Oct. 25, 2007.
11. Attended National conference on biotechnology organized by advanced centre of Biotechnology, M.D.U., Rohtak from Aug. 20-21, 2007.
12. Attended seminar on Biological science- A current perspective organized by Pt. N.R.S. Govt. College Rohtak, March 12-13, 2008.
13. Attended sixteenth National Symposium on Environment (NSE-16) held at Deptt. of Environmental Science and Engineering, G.J.University, Hisar on July 16-18, 2008.

14. Attended International Conference on Changing Environmental Trends and Sustainable Development (TEQIP) sponsored by World Bank held at G.J.U., Hisar 9-11 February, 2009.
15. Participated in National seminar on "Biodiversity: concerns and solutions" held on 20 November, 2009 conducted by Department of Botany, M. D. University, Rohtak.
16. Participated in UGC sponsored National Seminar on "Environment and Sustainable Development" from 3-4 November, 2009 conducted. by Department of Botanical and Environmental Sciences, Guru Nanak Dev University, Amritsar.
17. Participated in 97th Indian Science Congress held at University of Kerala, Thiruvananthapuram, from January 3 to 7, 2010.
18. Participate in HEC Sponsored Conference in Hindu Girls College, Sonipat on 23rd jan, 2010.
19. Act as a chairperson in colloquium on Microbial Technology for Human Benefits organized by centre for Biotechnology, M.D. University, Rohtak and Association of Microbiologists of India on 7Aug. 2010.
20. Advanced centre for Biotechnology, M.D. University, Rohtak organized A National conference on medical biotechnology vision 2020 held on 16-18 April, 2010.
21. Participate in International Conference and Workshops of the Society for Environmental Geochemistry and Health on Environmental Quality and Human Health in National University of Ireland, Galway, on 27th June to 2nd July 2010.
22. Advanced centre for Biotechnology, M.D. University, Rohtak organized A National workshop on bioinformatics held on 14-16 September, 2010.
23. Department of Biotechnology Deen Bandhu Chotu Ram Institute of Science and Technology, Murthal organized one day colloquium on prospects of biotechnology in collaboration with association of microbiologist of India held on 19 November, 2010.
24. Act as a convener in colloquium on Microbial Technology for Human Benefits organized by centre for Biotechnology, M.D. University, Rohtak and Association of Microbiologists of India on 7Aug. 2010.
25. Participated in 98th Indian Science Congress held at SRM University, Chennai, from January 3 to 7, 2011.
26. Act as Resource person in one day state level workshop on Save Water-Save Life and Save Environment-Save Earth, organized by Govt. Post Graduate Nehru College, Jhajjar, Haryana, on 4th March, 2011.
27. Act as a convener in National Conference on Environmental and Health Issues: In a Changing Climatic Scenario organized by Department of Environmental Sciences, M.D. University, Rohtak, on October 14-15, 2011.
28. Attended National Conference on Multidisciplinary Approach in Frontier Areas of Environmental Science and Engineering, as Invited Speaker, organized by Guru Jambheshwar University of Science and Technology, Hisar, on 4-5 March, 2011.

29. Act as a convener in 1st National Seminar on Microbes and resource management organized by Association of Microbiologists of India -Rohtak Unit, Department of Environmental Science, M.D. University, Rohtak, on 22 October, 2011.
30. Act as Resource person in three days National Conference on Thermodynamics of chemical and biological systems organized by Department of Chemistry M.D. University, Rohtak, on 2-4, March 2011.
31. Act as Organizing Secretary in Science Conclave 2011 on Interaction of Young Innovative Minds with Eminent Scientists organized by M.D. University, Rohtak & Deptt. of Science and Technology ,Haryana on 02-03, December,2011.
32. Act as a convener in 2nd National Seminar on Microbes In Human Welfare organized by Department of Microbiology, M.D. University, Rohtak and Association of Microbiologists of India -Rohtak Unit, M.D. University, Rohtak, on March 24, 2012.
33. Act as Evaluator in 20th National Children's Science Congress -2012 supported by National Council for Science And Technology, Govt. of India, New Delhi and Haryana state Council for Science And Technology, Panchkula on 01-02, December 2012.
34. Act as Resource person in National conference on NexGen biotechnology: amalgamating Science and technology organized by University Institute of Engineering and Technology Kurukshetra University, Kurukshetra (Haryana) on 23-24 November, 2012.
35. Act as Convener in National Science Day, 2012, organized by Department of Environmental Science, M.D.University at Maharani Kishiori Jat Kanya College, Rohtak on February 28, 2012.
36. Act as Convener in National Workshop on "Microbial Diversity: Exploration and Perspective" organized by Department of Environmental Science, M.D.University in association with AMI, Rohtak Unit. May 3-12th, 2012.
37. Participate in International Research Colloquium on Advances in Microbial Biotechnology: Future prospects (AMBF-2012) organized by Department of Microbiology and Association of Microbiologists of India-Rohtak Unit, M.D University, Rohtak (Haryana) on 20th Nov, 2012.
38. Act as Evaluator in 20th National Children's Congress in BITS, International School, Meham Road, Bhiwani on 1st Feb., 2012.
39. Delivered a lecture in National Conference sponsored by DRDO on "Green Technologies for Green Environment" organized by Department of Chemistry, G.V.M. Girls College, Sonapat (Haryana) on 18-19 Feb, 2013.
40. Participated in workshop on "Biological Database sequence analysis" organized by Deptt. of Botany, Maharshi Dayanand University Rohtak on 29 , March,2013.
41. Act as Resource person in Nationl seminar on " Green technology for sustainable environmental management " organized by Doon University , School of Environmental and Natural Resources, Dehradun, on 22-23 March,2013.

42. Act as Evaluator in Haryana State event of 20th National Children Science Congress NCSC-2012-13, Energy: Explore, Harness and Conserve, 1-2 Dec. 2012 at Bhiwani.
43. Act as Resource Person in an Extension lecture organized by Deptt. of Botany AIJHM College Rohtak affiliated by M.D.U. on 6 April, 2013.
44. Act as Resource person and also chaired the session in a National Symposium on Biotechnology: Present status and future prospectus organized by Deptt. of Biotechnology, Deenbandhu Chhotu Ram University of Science & Technology, Murthal, Haryana on 15-16, March, 2013.
45. Participate in National Seminar on Novel Antimicrobial: An Alternative to Clinical Antibiotics (under UGC-SAP Programme) Organised by Department of Genetics, M.D University, Rohtak, Haryana on 14th Sept, 2013.
46. Act as Co-convenor in International Year of water cooperation in Department of Environmental Sciences, M.D University, Rohtak, Haryana on 22 March, 2013.
47. Participate in International symposium on Frontier Discoveries and Innovations in Microbiology and its Interdisciplinary Relevance (FDMIR-2013) organized by Association of Microbiologists of India, M.D University, Rohtak (Haryana) on 17th - 20th Nov, 2013.
48. Act as Resource person in NSS camp organized by Jat College Rohtak, Haryana on 27th Feb 2014.
49. Act as Resource person in "Conservation of natural resources & environmental protection and its benefit for human being and society" organized by the Indian Red cross Society. Rohtak on 19 Feb., 2014.
50. Participate in One Day workshop on "Plant Biotechnology" organized by Department of Botany, M.D. University, Rohtak on March 25th, 2014.
51. Act as an Organizer in Science conclave-2014 Interactive Meet of Young Minds with Icons of Science Organized by M.D. University, Rohtak & Department of Science and Technology, Govt. of Haryana on 22-23rd Feb, 2014.
52. Presented a paper in 3rd International conference on MicroNano Devices, Structure and Computing Systems (MNDSCS 2014) on March 1-2, 2014, **Singapore**.
53. Act as a resource person in the Orientation Programme-18 held at Academic staff College, Guru Jambheshwar University of Science and Technology, Hisar on 19th June 2014.
54. Act as a Member of Organising committee in "Inter Zonal Youth Festival" on 14th-16th Nov, 2014.
55. Act as a Resource Person in NSS Camp on Environment Awareness in Jat College Rohtak, Haryana on Nov. 2014.
56. Act as convenor in National Conference cum Workshop on "Molecular Modeling and Drug Design" on 20-21st March, 2015 organised by centre for bioinformatics, M.D.U, Rohtak.

57. Act as a resource person in Govt.College for Women, Rohtak, deliver Extension lecture on Water Conservation on 31st Jan. 2015
58. Act as a Chairperson in National Conference on “Therapeutic Potential of Natural Product: Current Innovations & Future Trends” Organised by Department of Genetics, M.D.U Rohtak on 19th March, 2015.
59. Act as a resource person in Hindu girls college Sonapat, deliver Extension lecture on Water conservation on March 27, 2015.
60. Act as a Resource person in Faculty Development Programme on “Solar Radiation: Green Options for Energy” on 11-23 May, 2015.
61. Act as a Member of Organising committee in “Zonal Youth Festival/Folk Festival” in 2014-2015.
62. Attended workshop on climate change-adaptation and mitigation organized by NABARD at Shivalik View Chandigarh on 26 June, 2015.
63. Act as a resource person in an Orientation program organized by UGC-Academic staff college, Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan, Sonapat Haryana on 12 June, 2015.
64. Act as a resource person in IHM Tilyar Rohtak, deliver Extension lecture series on “Water as a Resources”.
65. Act as a resource person in 2nd international Conference on Sustainable Ecosystem and Environment” in Dubai 18-21Nov.2015.
66. Participated in workshop on “Save Ozone Layer: Protect Life” organized by Department of Environmental Sciences, M. D. University, Rohtak on 16th September 2016.
67. Presented a paper on “Growth and biochemical constituents of an indigenous cyanobacterium affected by heavy metal stress” in the International conference cum workshop on Global Environmental Issues organized by ICHE and ASEA, at Singapore from 3rd-09th Dec, 2016.
68. Acted as organizing secretary in 21st National Youth Festival held at M. D. University, Rohtak from 12th-16th Jan, 2017.
69. Participated in National Seminar on The Ideology of Sir Chhotu Ram organized by the Centre for Haryana Studies, M. D. University, Rohtak, on 03 Feb, 2017.
70. Delivered a lecture in TEQIP Sponsored One-Week short Term Course on Recent Advances in Energy Sources and Environment Protection at DCRUS&T, Murthal from 06th-10th Feb, 2017.
71. Delivered Talk in International Conference on emerging Areas of Environmental Science and Engineering organized by department of Environmental Science and Engineering, Guru Jambheshwar University of Science & Technology, Hisar. 16th-18th Feb, 2017.
72. Delivered invited talk at Swarna Jayanti National Conference on Biodiversity and Sustainable Utilization of Plant Resources, organized by Department of Botany, Kurukshetra University, Kurukshetra from 17th-18th Feb, 2017.

73. Participated in National Seminar on “Current Scenario in Forensic Investigative Techniques” organized by Department of Genetics, M. D. University, Rohtak on 7th Sep, 2017.
74. Delivered a keynote lecture on the topic “Green Technology for Fuel Production” and chaired a session in National Conference on Climate Change and Sustainable Clean Environment at Central University of Haryana, Mahendergarh, on 22-23 Nov., 2017.
75. Acted as convenor in workshop on Climate Change and Sustainable Development organized by Department of Environmental Sciences, M.D. University, Rohtak on 24th Nov, 2017.
76. Acted as Co-ordinator to organize various competitions under Environment Sustainability Management Cell, M. D. University, Rohtak on 06 Feb. 2018.
77. Act as resource person in the national seminar on global environment and social responsibility conducted by Hindu girls college, Jagadhari on 30-31 Oct,2018.
78. Acted as Coordinator at International Conference on Sustainable Agriculture, Energy, Environment and Technology organized by Environment Sustainability Management cell in collaboration with Society for Sustainable Agriculture and Resource Management at M. D. University, Rohtak, on 24th-25th Feb, 2018.
79. Acted as Convener at National Conference on recent Advancements in Bioinformatics cum Workshop on Protein Bioinformatics organized by Centre for Bioinformatics, M. D. University, Rohtak from 16th-17th March, 2018.
80. Act as resource person in National symposium Bridging Biochemical Interventions and Environmental Remediations for one Health improvement held at LLR University of veterinary Sciences, Hisar, Haryana from 2-3 November,2018.
81. Participated and acted as judge in the competitive activities at Workshop on “Women Safety and Gender Sensitization at Workplace” organize by SCSHVW, M.D. University, Rohtak, held on 22 March, 2018.
82. Participated as invited speaker at Global Congress on Biotechnology, Nanotechnology, Energy and Environment held at Department of Biotechnology, DCRUS&T, Murthal, from 25th-26th April, 2018.
83. Act as resource person in GJU, Hisar deliver lecture “Solid Waste Management & Environmental Degradation Solar Energy” in UGC-HUMAN RESOURCE DEVELOPMENT CENTRE on 15 october,2019.
84. Act as resource person in GJU, hisar on topic E-waste Management & Green Technology organized by UGC-HUMAN RESOURCE DEVELOPMENT CENTRE on 18 december,2019.
85. Chair the session in 2nd national conference on science and technology for rural development conducted by Deptt of Chemistry, MDU Rohtak on Oct 14-15,2019
86. Presented a Paper in a international conference 35th SEGHI International conference on sustainable Geochemistry held at Manchester Metropolitan University, Business School on 1-5 July,2019.

87. Act as an online resource person in a panel discussion on COVID-19 effect on ecology, economy and environment organized by Deptt of Botany, CBLU, Haryana on world environment day on 5 june,2020.

Books:

1. Text Book on Environmental studies. Published by K. University, Kurukshetra (2005).
2. Text Book on Environmental studies. Published by Daya Publishing house, Daryaganj, New Delhi (2006).
3. “Environmental studies” published by M.D.University Rohtak (2014).

Projects:

1. **Project Completed:** (UGC minor research project) sanctioned vide letter No. FO/UGC/F290/5608-635 dated 31.03.1999 Report submitted in April, 2002.
2. **Project completed:** (UGC major research project) Bioameliorative responses of cyanobacteria in sewage irrigated soil.34-1(HR) dated 29.12.2008, F. No.- 34-71/2008 (SR), Amount- 10,86,800 Rs.
3. **Project sanctioned:** Major Research Project on Bioethanol Production from lignocellulosic biomass of *Eichornia crassipes* , an aquatic weed in Bhindawas wet land of Haryana vide letter no. 2378-79, dated 20.12.12.(2012-2014).amount Rs. 9 lakh.

Members of the Committee:

1. Appointed as the member of U.G. board of studies at B.P.S.M. University, Khanpur Kalan.
2. Appointed as the member of P.G. Board of studies by the M.D. University.
3. Appointed as the member of U. G. Board of studies by M.D.U.
4. Working as a counselor in IGNOU since 1999.
5. Member of NGO ‘Earth’.
6. Member of ‘Vigyan Manch, Haryana’.
7. Member of Children Science Congress organized by Haryana Government.

Achievements:

1. Awarded University Research Fellowship.
2. Awarded fellow of Academy of Sciences for animal welfare.

3. Best poster presentation in the International Conference on Changing Environmental Trends and Sustainable Development (TEQIP) sponsored by World Bank held at G.J.U., Hisar 9-11 February, 2009.
4. Awarded leadership for academicians programme organized by MHRD in collaboration with IIT Roorkee and Michigan Ross School of Business, Michigan, US from 20 November to 7 December, 2018.
5. Awarded excellence in Research by Indian Association for Reliability and Statistics (IARS) on September 10, 2020.

Member of various scientific bodies:

1. Member of Academy of Environmental Biology.
2. Member of Indian Science Congress Association.
3. Member of Plant Archives.
4. Member of Enviromedia.

Contribution to educational, renovation of new current courses and curricula:

1. Introduce semester system with revised M.Sc. syllabus (Acc. To UGC-NET)
2. Submitted proposal of sixty lakh in U.G.C. for Environmental monitoring laboratory.
3. Submitted proposal for set up of remote sensing laboratory.
4. Organize various industrial trips/ educational trips with M.Sc. Environmental Sciences students.
5. Organize three weeks summer training for M.Sc. Environment students with various industrial institution/ environment labs etc.

Participation in Refresher courses/ Environment Awareness programme

1. Resource person/ Participated in Environment Awareness Refresher courses at Shimla (2000).
2. Resource person/ Participated in National adventure programme at Panchmarhi (2003).
3. Resource person/ Participated in Youth Leadership Camp organized by M.D. University, Rohtak at Manali and Chahal (2003).
4. Resource person/ Participated in Environment Awareness programme at G.J.U., Hisar (2004).
5. Resource person in refresher course organized by Pt. N.R.S. Govt. College, Rohtak, Haryana (2007).
6. Resource person in NSS Camp organized by M.D. University, Rohtak, Haryana (2007).
7. Resource person in Haryana Vigyan Manch (2005, 2006, 2007).

8. Resource person in various environment programmes organized at school and College level (2003-2008).
9. Resource person in refresher course organized by P.G. College for woman, Gurgaon, Haryana (2008).
10. Resource Person in Ozone Day celebrated by Jat College, Rohtak, Haryana on 16th September, 2013.
11. Act as a Resource Person in Refresher Courses in Punjab University Patiala on 4th March 2015.

Administrative assignment:

1. Members of P.G. Board of studies.
2. Members of U.G. Board of studies.
3. Working as paper setter's of different universities.
4. Member of various inspection committees constituted by the university for engineering colleges, B.Ed. colleges, UG Colleges and distance Education classes.
5. Appointed as center superintendent for P.G. examinations.
6. Members of selection committee for the appointment of lecturer in environment science in engineering college.
7. Various Talks on environment awareness on radio station and TV.*/
8. Appointment as judge in children science congress organized by Haryana Govt.
9. Act as examiner for M.Sc. and M.Tech. desertation, P.G. and U.G. practical examinations in different universities.
10. Act as an examiner for I.G.N.O.U. assignment.
11. Act as an examiner for B.Pharmacy and Engineering courses.

Area of research: Ecotoxicology and bioremediation

1. Effect of sewage wastewater on Rabi and Kharif crops of Haryana
2. Ecophysiological responses of soil and crop plants to thermal power plant effluent
3. Combined effect of distillery and sugar mill effluent on soil and some crop plants
4. Effect of industrial effluent on the physiological responses of *Triticum aestivum*.
5. Development of low cost cyanobacterial biosorbent for the removal of heavy metals from aqueous solutions.
6. Development of fungal biosorbent for the remediation of heavy metals from industrial effluent.
7. Bioameliorative responses of cyanobacteria in sewage irrigated soil.
8. Interaction of Zn and Cu on mobilization of food reserves in germinating seeds of *Vigna mungo* (L.) Hepper.

9. Development of bacterial biosorbent for the removal of Uranium ions from contaminated soil.
10. Study of Bhindawas wetland.

Publications :

1. Vandna Sethi, Anubha Kaushik and Rajesh Khatri (1990). Soil Dehydrogenase activity and nitrifier populations in relation to different soil plant associations. *Tropical Ecology* 31(2), 112-117, 1990. ISSN-0564-3295, impact factor- 1.48.
2. R Khatri, V. Sethi and A. Kaushik (1991). Inter-population variations of *Kochia indica* during germination under different stresses. *Annals of Botany* 67: 413- 415, 1991, impact factor- 3.04.
3. R. Dhankhar, A. Kaushik and S. Taxak (1998). Accumulation of organic solutes by some native plants sp. From semi-arid North Western India. *Ecology And Conservation* 4(1-2), 57-63, 1998.
4. R. Dhankhar, and J.S. Dahiya (2000). Effect of steel re-rolling factory effluent on soil properties and physiological responses of native plant species. *The Academy of Environmental Biology* 9(1), 79-83, ISSN-0254-8704, Impact factor-0.64, SNIP-0.041, SJR-0.514.
5. R., Dhankhar, and J.S. Dahiya (2002). Impact of sugar mill effluent on soil and some native plant forage species. *Plant Archives* 2(2), 235-240, 2002. ISSN: 0972-5210.
6. R., Dhankhar, and J.S. Dahiya (2002). Salinity induced changes in photosynthetic pigments and plant growth of three native native halo tolerant plant sp. *Journal of Ecophysiology and Occupational Health*. 2, 1-12, ISSN-09724397, Hi Index -4, SJR-0.15, Citation index-22.
7. R., Dhankhar, S., Khatri, J.S. Dahiya and Sushma (2002). Inhibition of nitrate reductase activity in some crop plants raised with sewage waste water. *J. Eco physiological and occupational health*. 2, 235-242, ISSN-09724397, Hi Index -4, SJR-0.15, Citation index-22.

8. Dhankhar, R., Kaushik, A., and Dahiya, J.S. (2002). Germination responses and biomass accumulation of three native plant species of Haryana (India) under salinity stress. *Plant Archives* 2 (2), 263-267. 2002. ISSN: 0972-5210.
9. R., Dhankhar and S., Khatri (2003). Evaluation of sewage waste water as a source of irrigation and manure of Rohtak city of Haryana. *Pollution research*. 22(4), 549-552, ISSN-02578050, SNIP-0.219, SJR-0.183. HI Index-16, Citation-49.
10. Khatri, S. Dhankhar, R. Dahiya, J. S. (2003). Impact of sewage waste water on seed germination and seedling growth of some Rabi & Kharif crops of Haryana. *Indian J. Environment Protection* 23(10): 1161-1166 (2003). ISSN:0253-7141, HI Index-11, SJR-0.15.
11. Dhankhar R and Sushma. (2003). Impact of thermal power plant discharge on crop plants harvested soils. *Indian J. Environment Protection* 23(5): 519-524, ISSN-02537141, HI Index-11, SNIP-0.332, SJR-0.170.
12. R., Dhankhar and S., Sangwan (2004). Water quality assessment from different regions of Mahendergarh (Haryana). *Journal of Ecotoxicology and Environmental Monitoring* 14(1), 15-22, 2004. ISSN 0971-0965-13-03-15.
13. R. Dhankhar, Sushma and S. Khatri (2004). Impact of thermal power plant effluent in nitrate reductase activity in some crop plants. *J. Ecotoxicology and Environmental Monitoring* 14(3), 215-220, 2004. ISSN:0971-0965-14-04-215.
14. R., Dhankhar, S., Khatri, Sushila Sangwan and Nitant Gaur (2005). Effect of sewage on the photosynthetic pigments, nutrient composition and protein contents of Rabi crop plants of Haryana. *Pollution research* 24(2), 311-318, ISSN-02578050, SJR-0.15, HI Index-16, Citation -49.
15. R. Dhankhar and Joginder Singh (2007). Soil amendment with the application of combined sugar mill and distillery effluents. *Poll. Res.* 26(1), 83-97, ISSN-02578050, SNIP-0.219, SJR-0.183, HI Index-16, Citation-49.
16. S. Chhikara and R. Dhankhar (2008). Biosorption of Cr (VI) ions from electroplating industrial effluent using immobilized *Aspergillus niger* biomass. *Journal of Environmental Biology* 29(5) 773-778, 2008. ISSN:0254-8704, Impact factor-0.64, SNIP-0.041, SJR-0.514

17. S. Chhikara and R. Dhankhar (2008). Biosorption of Cr (VI) to immobilized *Saccharomyces cerevisiae* biomass. Indian J. of Environmental Science 12(2), 83-89.
18. S. Chhikara and R. Dhankhar (2008). Recovery of Cr (VI) from industrial effluent by immobilized fungal biomass. Journal of Ecobiology 23(2), 107-118, 2008. ISSN: 0970-9037-08-23-107.
19. Rajesh Dhankhar, Lalita and Sunil Chhikara (2008). Study of ground water quality in the villages of Sirsa district. Journal of Ecobiology 23(4), 321-332, 2008. ISSN: 0970-9037-08-23-321.
20. N. Gaur, R. Dhankhar (2009). Equilibrium modelling and spectroscopic studies for the biosorption of aqueous solution using *Spirullina platensis* Iranian Journal of Environmental Health Science and Engineering 6 (1),1-6, Impact factor-1.072, SNIP-0.040, SJR-0.215.
21. Gaur, N., Dhankhar R. (2009).Removal of Zn (II) ions from aqueous solution using *Anabena variabilis*: Equilibrium and kinetic studies. International Journal of Environmental Research, 3(4), 605-616, 2009.ISSN:1735-6865, Impact factor-1.67, SNIP-0.047, SJR-0.577.
22. Dhankhar Rajesh, Rana Lalita, Chhikara Sunil and Sangwan Sushila (2009).Impact assessment of soils treated with refinery effluent. European Journal of Soil Biology 45,459-465, ISSN-1164-5563, Impact factor-1.578, SNIP-0.064, SJR-1.025.
23. Chhikara S., A., Hooda, L., Rana. , and Dhankhar R. (2010). Chromium (VI) biosorption by immobilized *Aspergillus niger* in continuous flow system: with special reference to FTIR analysis. Journal of Environmental biology 31,561-566, 2010. ISSN: 0254-8704 Impact factor-0.64, SNIP-0.041, SJR-0.514.
24. Chhikara S., A., Hooda, L., Rana. , and Dhankhar R. (2010). Development of efficient biosorbent by using non-immobilized *A. niger* biomass for sequestration of Cr (VI) ions. Journal of Environmental Biology, 31(5); 2010. ISSN: 0254-8704 Impact factor-0.64, SNIP-0.041, SJR-0.514.
25. Rana L., Dhankhar R., and Chhikara S., (2010). Soil characteristics affected by long term application of sewage waste water .International journal of Environmental

Research, 4(3), 513-518, ISSN: 1735-6865, Impact factor-1.67, SNIP-0.047, SJR-0.577.

26. Lalita Rana, Sunil Chhikara and Rajesh Dhankhar (2010). Lead toxicity in *Lyngby sp.* Isolated from Sewage Water Irrigated Soil. Environ. We Int. J. Sci.Tech.5, 79-85, ISSN: 0975-7112 (Print).
27. Rajesh Dhankhar and Radha Solanki (2011). Heavy metal stress and induced changes in physiological characteristics of *Vigna mungo* (L.) Hepper cv. T-9. Journal of Environmental Biology. 32(2): ISSN: 0254-8704 Impact factor-0.64, SNIP-0.041, SJR-0.514.
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Abstracts:

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