



Dr. DIVYA AGARWAL

EDUCATIONAL QUALIFICATION

- Ph.D. (Environmental Sciences), 2007. Babasaheb Bhimrao Ambedkar (A Central) University Lucknow.
- M.Sc. (Environmental Sciences), 2001, I Division (75.75%). Gold medallist in University. BBA (A Central) University, Lucknow.
 - Qualified National level U.G.C.-NET (2002).
 - Qualified I.C.A.R.-NET (2001).
- B.Sc. (Chemistry, Botany, Zoology), 1999, I Division (73.9%), Maharani College, Jaipur, Rajasthan University.
- Certificate course in Participatory Forest Management (CPFM), 2005, I Division (65%), IGNOU, New Delhi.
- Online courses on Disaster Management by National Institute of Disaster Management and World Bank, 2012.

ACADEMIC PROFILE (+12 Years)

- Assistant Professor (Adhoc), Jesus and Mary College, University of Delhi (Aug, 2019 till date).

ADD ON ROLES:

- (i) Climate Action Coordinator for Cop+25 International Climate Action Certification Course, (NAAC Accredited Course), IARF Centre For Excellence For United Nations.
- (ii) Forest Walk to Sanjay Van.
- (iii) Internal Environmental Assessment.
- (iv) Bird Count in College Campus.
- (v) Co-convenor of National Conference on National Resources and Sustainable Development (21 Jan, 2020).

- Has a rich teaching experience of Delhi University Colleges (Miranda House, Shyama Prasad Mukherjee College, Janki Devi Memorial College (JDMC), University of Delhi, New Delhi), Accurate Institute of Management & Technology (AIMT, Greater Noida) and Krishna Institute of Engineering and Technology (KIET, Gzb.; Received a letter of appreciation). Served as Project Associate in Centre for Environment Education, Lucknow, World Summit on Sustainable Development, (3 months project) and Project Fellow in MoEF project; Status of Solid Waste in U.P., (11 months project).

SHORT-TERM COURSE

- Faculty Development Program on ‘Agriculture, Vaccination and Society’ at Hansraj College, University of Delhi (16-17 March, 2019).
 - Course on Women, Business and Rights from Genpact Centre for Women Leadership, Ashoka University, Haryana (14 -19May, 2018).
 - QIP on ‘Role of sustainability in engineering education’ at IIT DELHI (9-15 July, 2009).
- Online course completed on Disaster Management from National Institute of Disaster Management and World Bank.

AWARDS

- Awarded III Best paper presentation (Title: Role of an individual in utilising organic waste towards plantation, implementing food technology and exploring sustainability) award in an international conference at Shyama Prasad Mukherjee College.

SPECIALISED TRAININGS OBTAINED

- Industrial training at N.T.P.C's Centre for Power Efficiency and Environmental Protection and Research & Development Centre office (25 May to 26 June 2000).
- Industrial training at IPCA (Indian Pharmaceuticals and Chemicals Association) laboratories limited, Ratlam (M.P.) (3.Oct. to 9.Oct, 2000) and studied the functioning of Effluent Treatment Plant.
- Conducted a study Hazardous Wastes from Domestic Source under the auspices of United States Agency for International Development (USAID).
- Summer training on “Health hazards of heavy metals” at State of India's Environment unit of Centre for Science and Environment, New Delhi.
- A ten days training workshop on Environmental Education Program: National Green Corps organised by CEE South at Bangalore.
- Worked on the research programme entitled "Studies on the microbial degradation of HexaChlorocycloHexane-isomers” at Environmental Biotechnology Lab of Industrial Toxicology Research Centre, Lucknow under the guidance of Prof. M. Yunus and Dr. Ashwani Kumar.

• LIST OF PUBLICATIONS

Papers published (National Journal)

- Agarwal, Divya, 2019. Analysing the role of an individual in utilising organic waste towards plantation, implementing food technology and exploring the business needs (Sustainable Agri-Business via Food Technology): Case study of wheat grass, Journal of Energy Research And Environmental Technology (JERET) 94-157X. (6)/1, 61-64.

- Agarwal, Divya and Gupta, Anil K. 2018. Crisis, Control and Conflict Management. International Journal of Higher Education Research, ISSN: 2277 260X. 8(1). 2018, 66-79. (S.No. 2657)
- Agarwal, Divya (2014) Analysing the role of environmental sciences in engineering curriculum in India, Middle-East Journal of Scientific Research. Vol 21 (6) /1, pp 1008-1010 [ISSN: 1990-9233](#).
- Agarwal, Divya, Gupta, Anil K. and Yunus, Mohammad (July-Dec, 2013). *Phytoremediation as an Ecotechnology: Ability of Tree species Terminalia arjuna afforestation on coal flyash from thermal power plants* International Journal of Agriculture and Plant Science. Vol. 1 No. 1 ISSN: 2321-8894. pp. 8-16.
- Agarwal, Divya and Kaushik, Manish (June-Aug, 2013). *Developing Drought Resilience of Agro Ecosystems and Communities of Bundelkhand Region, India* JECET; Vol.2.No.3, 741-750. (E-ISSN: 2278-179X)
- Agarwal, Divya and Gupta, Anil K. (September, 2011). *Hazardous waste management: Analysis of Indian scenario and perspective governance*. VSRD international e-journal, India. pp. 484-495. (ISSN No. 0976-7967).

Text References (Accepted Edited Volume, Publishing this month, International publisher)

Agarwal, Divya and Gupta, A. K. *Utilizing Corporate Social Responsibility as a financial investment opportunity in conserving local environment towards Sustainable Business*, Financial Acumen for HR 4.0", Apple Academic Press (Exclusively distributed by CRC Press, a Taylor & Francis Group).

Papers published (National Journals)

- Agarwal Manoj K., Agarwal Divya and Kaushik Manish (Vol 5. No. 1, June, 2014). Role of ethanobotany in Sustainable Development: Analysis of medicinal properties of locally growing weeds in Uttar Pradesh, National seminar at IPEC, Ghaziabad on Innovative Strategies in science and technology. pp.
- Kaushik Manish , Agarwal Divya, Singh Munesh, Agarwal Manoj K., and Chauhan Diwakar (Vol 5. No. 1, June, 2014). A review of Innovative Chemical Drawing and Spectra Prediction Computer Software ", National seminar at IPEC, Ghaziabad on Innovative Strategies in science and technology. pp.33-37
- Agarwal, Divya, Gupta, Anil K. and Agarwal, Manoj K. (Jan, 2012). *Analysis of effective solid waste management strategies in major cities of Uttar Pradesh in India*. Journal of Pure & Applied Sciences and Technology. ISSN: 2249-9970 (Online), 2231-4202 (Print), Vol. 2 No.1, pp. 66-74.
- Agarwal, Divya and Gupta, Anil K. (July, 2011). *Role of traditional knowledge to combat climate change*. (Special feature). *Ailaan*, National Council of Rural Institutes (MHRD, GoI), India. Vol II, Issue VII, pp. 26-28.
- Agarwal, Divya, Agarwal, Manoj K., Yunus, Mohammad and Gautam, Sanjay Kumar (Oct, 2011) *Phytoremediation of flyash by assessing growth responses of the local tree species*. Journal of Pure & Applied Sciences and Technology. ISSN: 2249-9970., Vol. 1. No. 2, pp. 123-134.
- Agarwal, Divya (2005). *Environmental Dynamism: Self-Sustenance*. Proceedings of National Seminar on Changing Environment: A Global Agenda for future at Babasaheb Bhimrao Ambedkar (A Central) University, Lucknow. Pp10.

Authored Volume (published)

- Agarwal, Divya and Aggarwal, Manoj. Textbook of Environmental Sciences, published under Astral International Pvt. Ltd. (<http://www.astralint.com>). ISBN 978-93-5124-258-1 (Paperback) ISBN 978-93-5130-094-6 (International Edition), New Delhi.

Co-Edited Volume (under final stage of publishing)

- Natural Resources and Land-use Approaches to Sustainability, (Astral publishers). New Delhi.

Text References Published

- Agarwal, Divya, Siddiquie, Arif, Gupta, Anil K. and Yunus, Mohammad (2003). *Sustainable Agriculture: An Ecoinspection for India*. In: P.K. Singhal, P.K. Srivastava (Eds.) *Challenges in Sustainable Development*. Anmol Publications Pvt. Ltd. New Delhi, India. (ISSN No. 8126119934, 9788126119936).
- Siddiquie, Arif, Agarwal, Divya, Gupta, Anil K. and Yunus, Mohammad (2003). *EIA of River Valley Projects in India*. In: P.K. Singhal, P.K. Srivastava (Eds.) *Challenges in Sustainable Development*. Anmol Publications Pvt. Ltd. New Delhi, India. (ISSN No. 8126119934, 9788126119936).

Paper presented and published in proceedings of national conference

- Agarwal, Divya, Gupta, Anil K. and Agarwal, Manoj K (26 Nov, 2011). *Sustainable Agriculture for Disaster Risk Reduction: Analysis of information technology perspectives in Bundelkhand's context* in proceedings of National Seminar on Role of IT and Management in Sustainable Development, IMR, Ghaziabad. pp 501-507. ISBN 978-93-81771-00-6.

Paper presented in international conference

- Agarwal, Divya, and Agarwal, Manoj K (Dec, 2012). *Medicinal properties of Aloe miller barbedensis in international seminar on food and nutrition*, JNU, New Delhi.
- Agarwal Divya, Gupta Anil K, Agarwal, Manoj Kand Yunus Mohammad (27-28 Dec, 2011). *Assessing the tolerance potential of locally growing tree species to grow on flyash induced heavy metal stress in 2nd International conference on stress: Paradigm Shifts in Technology and Allied Sciences (ICONS-PSTAS-2011)*, Dwarka, Delhi.
- Agarwal, Divya and Gupta Anil K. (May, 2011). *Ecosystem approach to Disaster Reduction: Case of agro-ecosystems and drought in India*. International conference on environmental knowledge on Disaster Risk Reduction organised by NIDM & GIZ at VigyanBhawan, New Delhi.

Invited Talk (National Conference)

- Agarwal Divya (Accepted, 8, 9 Nov 2011) *Bioenergy perspectives with respect to Indian scenario* in international conference on Green energy alternatives for rural and urban development. International Development Foundation, New Delhi.

Papers Presentation (National Seminars and Symposia)

- Agarwal Manoj K., Agarwal Divya and Kaushik Manish (Dec, 2013). *Role of ethanobotany in Sustainable Development: Analysis of medicinal properties of locally growing weeds in Uttar Pradesh*, National seminar at IPEC, Ghaziabad on Innovative Strategies in science and technology. P 48
- Agarwal, Divya, Gupta, Anil K. and Yunus, Mohammad (13-14 Oct, 2011). *Green chemistry solution to climate change- A case study of HCH biodegradation* in national seminar on chemistry: Education and Research Frontiers. IGNOU, New Delhi.
- Agarwal, Divya and Gupta, Anil K (13 Sept, 2008). *Environmental Education as a tool: Creating a sustainable water supply system*. In National Seminar on Environmental Awareness in teacher Education. IPEM, Ghaziabad.

Book Re-view (published)

Agarwal, Divya (Oct, 2014). www.indianbotanists.com, Textbook of Environmental Sciences.