

## CURRICULAM VITAE

1. **Name:** MARISHA SHARMA
2. **Date of Birth :** 16. 12. 1977
3. **Designation & Office address :** Director (Technical), Min Mec Consultancy Pvt. Ltd., A-121, Paryavaran Complex, IGNOU Road, New Delhi -110030
4. **Nationality :** India
5. **A. General Education (Senior Secondary)**

Period	Board	Qualification	Educational Institution & Address	Subjects	Division
1995	Central Board of Secondary Education (CBSE)	Senior Secondary	Guru Harkrishan Public School, Vasant Vihar, New Delhi	Physics, Chemistry, Mathematics, Biology, English	I

### 6. B. Technical Education (Graduation & above):

Period	Institution Name & Address	Qualification	Subjects	Division
2009	Indian Institute of Technology (IIT), Delhi	<b>Ph.D.</b>	Interdisciplinary titled "Hydrogeological Impact of Mining & Anthropogenic Activities"	Awarded
1999 to 2001	School of Planning and Architecture, New Delhi	<b>Master in Planning (Environment)</b>	Legislation, environmental management, techniques of environmental protection, environmental policies, environmental design, environmental infrastructure, EIA, remote sensing technology and regional planning, Socio-economic base for planning, urban planning, regional planning, transport planning, housing and environmental planning, planning graphic	1 <sup>st</sup>
1995-1999	Sri Ramdeobaba Kamla Nehru Engineering College, Nagpur	<b>B. E.</b>	Civil Engineering	1 <sup>st</sup>
	<b><u>OTHERS</u></b>			
2014-2015	Indira Gandhi National Open University	<b>PG Diploma in Analytical</b>	Basic Analytical Chemistry, Separation methods, Spectroscopic methods, Electro analytical and other methods with Practicals	1 <sup>st</sup>

Period	Institution Name & Address	Qualification	Subjects	Division
		Chemistry		
2005	National Productivity Council of India, Bureau of Energy Efficiency, New Delhi	Certified Energy Auditor, Energy Manager	General Aspects of Energy Management & Energy Audit., Energy Efficiency in Thermal Utilities, Energy Efficiency in Electrical Utilities, Energy Performance Assessment for Equipment and Utility systems	Awarded
2001-2003	Indira Gandhi National Open University	PG Certificate	Study in Participatory Management of Displacement, Resettlement and Rehabilitation	Awarded
1999-2000	Indira Gandhi National Open University	Certificate Course	Disaster Management	Pass

### 7. Membership of Professional Bodies:

S. No.	Professional Body (Name & Address)	Membership Grade	Valid Till
1	Institute of Town Planners, India	Member	Life
2	Indian Association for Air Pollution Control	Member	Life
3	Indian Institute of Chemical Engineers	Member	Life
4	Mother Earth Environmental Dogma	Member	Life
5	SOFEM- Society of Forests and Environmental Managers	Member	Life
6	Institution of Engineers, India	Member	Life

### 8. Registered / recognized training courses attended:

S. No.	Title of the Course	Conducted / Organized by (Name & Address)	Dates		Result
			From	To	
1	Applied Solute Transport Modeling for Management of Polluted Land Sites	India Institute of Technology, Roorkee	15 <sup>th</sup> March 2021	19 <sup>th</sup> March 2021	Completed
2	Smart cities- Management of Smart Urban Infrastructures	École Polytechnique Fédérale de Lausanne (EPFL), Switzerland	12 <sup>th</sup> October 2020	13 <sup>th</sup> November 2020	83%
3	Laboratory System & Internal Audit as per ISO/IEC 17025:2017	Quality Council of India	17 <sup>th</sup> August 2020	18 <sup>th</sup> August 2020	Completed
4	ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018	TUV India Training Academy	10 <sup>th</sup> August 2020	13 <sup>th</sup> August 2020	Completed

S. No.	Title of the Course	Conducted / Organized by (Name & Address)	Dates		Result
			From	To	
	Integrated Management System Internal Auditor Course				
5	Municipal Solid Waste Management in Developing Countries (MOOC)	École Polytechnique Fédérale de Lausanne	16 <sup>th</sup> May 2016	26 <sup>th</sup> June 2016	85.4%
6	Certificate Course- The Business of Mining (MOOC)	Curtin University	Aug 2016	Sep 2016	Completed
7	Reclaiming Broken Places: Introduction to Civic Ecology (MOOC)	Cornell University	10 <sup>th</sup> April 2016	29 <sup>th</sup> May 2016	Completed
8	Mastering GRIHA Documentation with live projects	GRIHA Council & PSI	4 <sup>th</sup> Sep, 2015	17 <sup>th</sup> Oct 2015	Completed
9	Measurement Uncertainty	Centre for Electronics Test Engineering	30th Aug, 2007	31st Aug, 2007	Completed
10	Certified Internal Quality Auditor for ISO/IEC-17025-2005	Centre for Electronics Test Engineering	29th May, 2007	31st May, 2007	Completed
11	Short course on coal bed methane	Total CBM Solutions India, Directorate General of Hydrocarbons, CBM Solutions, Canada	24th Nov, 2005	26th Nov, 2005	Completed
12	Water Management program for the trainers	Central Ground Water Board	28th July, 2003	30th July, 2003	A grade
13	Geographical Information System (AutoCAD Map & Map Info)	Electronics Research & Development Centre of India, Ministry of Information Technology, Govt. of India	April 2001	April 2001	Pass

**9. Countries of Work Experience :** India, Nigeria, Zambia

**10. Languages :** Excellent reading, writing and speaking in English, Hindi and Punjabi.

### 11. Employment record

#### A. General:

Period	Organization with address	Department	Designation	Role/Duties/ Responsibilities
May, 2001 till	Min Mec Consultancy	Environment Department	Director (Technical)	Coordination of EIA/EMP & environment related projects

Period	Organization with address	Department	Designation	Role/Duties/ Responsibilities
date	Pvt Ltd, New Delhi & Min Mec R&D Laboratory			<p>pertaining to mining, industries, Thermal Power Plants, Industrial Estates/ parks/ complexes/ areas, Ports/ harbours/ jetties/ marine terminals/ break waters and dredging, Building &amp; large construction projects, Townships and area development projects for predominantly MOEF &amp; CC and occasionally IFC/ World Bank funded projects.</p> <p>Working as group member for all EIA's in context of land use analysis and planning.</p> <p>Other responsibilities include proposal writing, tender preparation, filling of Form-1 &amp; 1A, presentation to the expert appraisal committees, Ridge Management Board, National Board of Wildlife.</p> <p>Also a member of the team conducting and preparing hydrological and hydrogeological studies, R&amp;R plans, Wildlife conservation Plans and Traffic Impact Assessment studies..</p> <p>Technical Manager of Min Mec R&amp;D Laboratory, an NABL accredited &amp; MoEF recognised lab</p>
February, 2001 to April, 2001	Centre for Environment Education, New Delhi	Nil	Project Assistant	Consultancy for Yamuna Action Plan (Japanese Development Bank funded)

## 12. List of projects in which participated as team member/ team leader :

Summary is given below :

Type of Study	Nos.
EIA/EMP	
● New construction & townships	55
● Thermal power plants	25
● Jetty	3
● Cement Plant / Clinker grinding unit	5
● Paint	3

Type of Study		Nos.
EIA/EMP	● Paper & pulp	2
	● Oil & Gas	2
	● Mining- coal	37
	● Mining-non coal	47
	● Washery	10
	● Steel Plants	20
Traffic Impact Assessment studies		24
Wildlife Conservation Plan		11
Environmental compliances		10
CRZ clearance		1
Socio economic studies/ R&R Actions plans		8
Hydrogeological studies		30
Mining Plans & Mine Closure plans (as team member)		20
<b>Total</b>		<b>313</b>

### 13. Additional information

Also served/ serving in following capacities:

Period	Organization with address	Department	Designation	Role/Duties/ Responsibilities
Jan 2010-till date	School of Planning & Architecture, New Delhi	(1) Building Engineering Management (2) Urban Design (3) Environmental Planning	Visiting Faculty	Teaching post graduate level students about environmental clearance & compliance for construction projects, environmental laboratory, etc. Guided four students in post-graduate thesis work till date.
Feb 2014 till date	Delhi Development Authority, New Delhi	Expert Panel for framing and implementing policies for protection, conservation and management of green areas under the jurisdiction of DDA	Member	Advisory
2014 till date	Guru Gobind Singh Inderprastha University, New Delhi	University Complaints Committee	Member (external)	Analysis of complaints received, investigation, conclusion and recommendations
2014 till date	Rashtrasant Tukdoji Maharaj Nagpur University	Post Exam & Ph.D Cell	PhD referee	Evaluate thesis and conduct viva for PhD students for the award of

Period	Organization with address	Department	Designation	Role/Duties/ Responsibilities
				the PhD degree

#### 14. List of publications & papers :

- (1) *Micro Habitats in Urban Balconies*, Civic Ecology, Stories about love of life, love of place, written by students of the Reclaiming Broken Places: Introduction to Civic Ecology, CornellX 2015 MOOC, Cornell University Civic Ecology Lab, 2016 ([https://www.academia.edu/26169505/Civic\\_Ecology\\_Stories\\_About\\_Love\\_of\\_Life\\_Love\\_of\\_Place](https://www.academia.edu/26169505/Civic_Ecology_Stories_About_Love_of_Life_Love_of_Place))
- (2) *Ground Water Depletion in the Agricultural Plain between Two Major Rivers in North India*, Indian Journal of Environment Protection, 2007
- (3) *Improving the Study of Hydrogeological Impact of Mining in EIA Studies – A Focus on Coal Mining in India*, MGMI Newsletter, Delhi Branch, A publication of the Mining, Geological & Metallurgical Institute of India, Vol-8, Ussue 3-4, July-December, 2006, pp 33-43
- (4) *Carbon geosequestration - possibilities for India in the CDM regime*, Proceedings of ICEM'05 : International Conference on Environmental Management (28 - 30 Oct 2005), edited by M. Anji Reddy, Hyderabad, BS Pub., 2006, Vol. III
- (5) *A Review Of Mine Plan Implementation And Expansion Planning Of Gare IV/1 Open Cast Coal Mine, Chhattisgarh, India With Special Reference To Integrated Solid Waste Management*, Proceedings of 21st International Conference on Solid Waste Technology and Management Philadelphia, PA USA, March 26 - 29, 2006
- (6) *Hydrogeological Studies - A Tool for Monitoring Water Contamination due to Mining*, Proceedings of ChemCon'04 organised by IIChe on 27<sup>th</sup>-30<sup>th</sup> December 2004, Mumbai
- (7) *Clean Development Mechanism in Coal Bed Methane Projects*, Energy and Environment, Ed. Mubeen, Abdul et. al., 2004 published by Anamaya Publishers, New Delhi, pp 424-430
- (8) *Green belt design for semi-arid area, study area: Bhiwadi, Rajasthan*, ENVIS newsletter, 2001
- (9) *Environmental Plan for Bhoj Wetlands*, SPA, 2000
- (10) *Outline Development Plant, Vrindaban 2021*, SPA, 1999
- (11) *Hydraulic and Structural Design of a Sewage Treatment Plant*, Presented at state level competition organised by Institution of Engineers, Nagpur, 1999
- (12) *Mud Architecture*, paper presented at National Seminar conducted by CESA, RKNEC, Nagpur, 1998

Updated : 22.07.2021

Marisha Sharma