

Name : **Manoj Sharma**
Qualification : **M.Sc (Forestry)**
Total Work experience : **28 years +**
Date of birth : **September 6th, 1964**
Current professional status : **GM (Agroforestry)**
Contact addresses :



H. No.- A-28, Near Allahabad Bank, Nawada, New Delhi – 110 059, INDIA

Mobile: +91 8096026668 ; **E-mail ID:** manoj0664@yahoo.com

Educational Qualifications :

<i>Degree</i>	<i>University</i>	<i>Year</i>	<i>Division</i>
M Sc (Forestry)	Dr. YSP University Of Hort. & Forestry, Solan (H. P)	1992	I ST
B Sc (Forestry)	Birsa Agricultural University, Ranchi	1988	I ST

Area(s) of proficiency :

- Afforestation of the degraded Wastelands through the Agroforestry modeling
- Landuse planning & the Watershed Management
- Soil Moisture conservation &;
- The Rainwater harvesting techniques
- CDM & VCS modeling of the plantation projects

Awards & Accomplishments

- ▶ **“Parivartan” Award – 2015** for leadership in Sustainability for the IPAPPM’s Team (Farm Forestry) innovative Forestry initiatives in the Coastal Areas of A.P
- ▶ **IPAPPM Shine Award – 2014** against best Team efforts in restoration of the #3, Cyclone – HudHud affected Clonal production centers.
- ▶ **Green Idol Environment Conservation Award’ 2012**, a State level recognitions for a Social Forestry project as a **Media Award** (Dainik Bhasker Group)

- ▶ An active member participation in formalization of the Chhattisgarh State Planning Commission Report (2009) on - "Agroforestry for Food Security & Poverty Alleviation", for presentation to the H'ble CM of the State, at a formal function.
- ▶ **Endearing an International recognition a CCBA (Climate-Community-Biodiversity) Validation (GOLD category) from 23.6.2003 to 22.6.2014 through Rainforest Alliance, from the sphere of CDM in lieu of Carbon Trading for a Wasteland reclamation project--"Reforestation of Degraded lands in C.G"**
- ▶ Formulation of an appropriate Company's strategy pertinent to **Rehabilitation & Resettlement** of Coal Mine & Power project area inhabitants in the state of M.P; C.G & Odisha (2008 & 2009)
- ▶ **Best plantation Award "Vanvasi Sant Gahira Guruji Maharaj Chhattisgarh Paryavaran Puruskaar"** from C.G Environment Conservation Board through the State Minister of Agriculture, 2007
- ▶ **Indira Gandhi Priyadarshini "Vriksha Mitra Puruskaar" – 1997, a National recognition for a SOCIAL FORESTRY project over 3500 acres while, working with Kitply Industries Ltd, Raipur (C.G)**
- ▶ Successful implementation of an **INDO-CANADIAN wasteland amelioration project by utilizing Urban waste (Night soil) & Industrial waste (Flyash) – 1997, over 100 acres of land while with working with Kitply Industries Ltd, Raipur (C.G)**
- ▶ **Reclamation of the degraded forest lands with the help of local masses (1993 – 1994) with Development Alternative (NGO), at Dist. Datia & Jhansi (U.P)**
- ▶ **Integrated Rural Development** through Non-conventional energy resources and successful accomplishment of three energy plantations & six subsidized units of the Biogas plants while with the Deptt. Of RD&AT, IIT– Delhi (1992 & 1993)

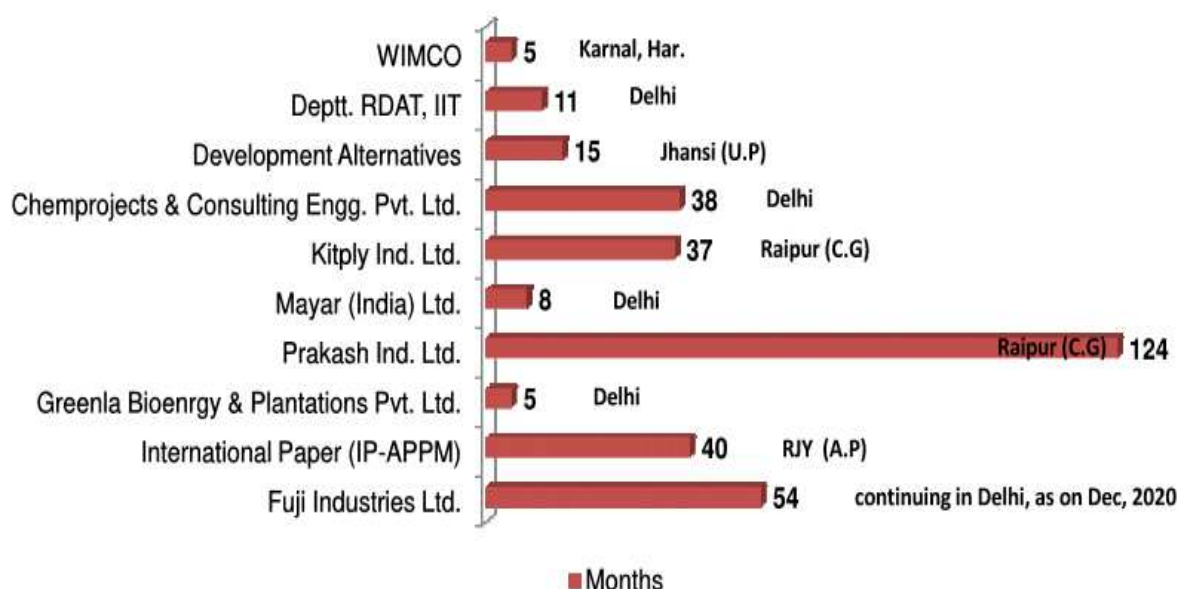
Trainings & courses :

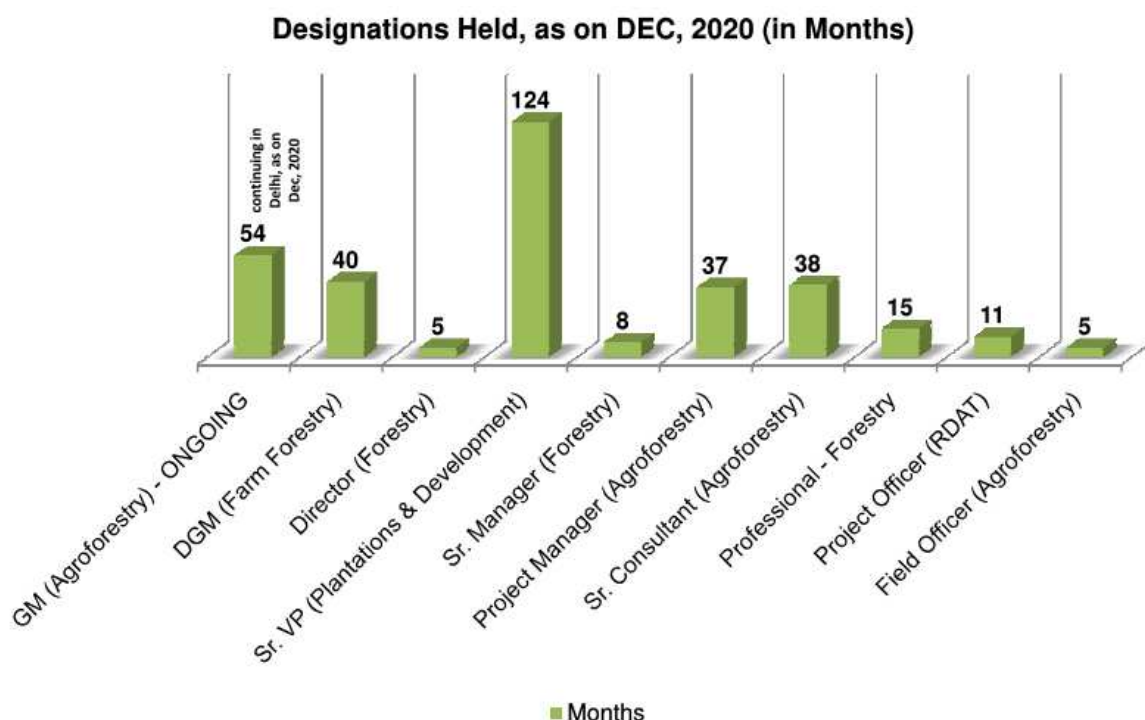
- 2014 - Leadership training
- 2013 - Team Management
- 2004 - **Medicinal plants & UHDP of Mango** with JISL, Jalgaon
- 2001 - **CDM** with TERI, New Delhi

- 2000 - Executive training in *International Timber trade*, MIL, Delhi
- 1997 - Officer's Training in *Computing for Young Managers*, 1997
- 1993 - Officer's Training in *Energy plantations & Wasteland reclamation* from Deptt. RDAT, IIT- New Delhi
- 1993 - Specialized Training in *Landuse planning & Watershed management, Development Alternatives* (an NGO)
- 1992 - Officer's Training in *Rural Development & Appropriate Technology* from Deptt. RDAT, IIT - New Delhi
- 1991 - Officer's Training in *Biogas Technology* from TERI, New Delhi
- 1990 - Officer's Training in *Farm Management & Agro Forestry* from WIMCO, Karnal (Haryana)
- 1989 - Specialized Training in *Data analysis & Tabulation* from Dr. Y S P University Of Hort. & Forestry, Solan (H. P)
- 1989 - Specialized Training in *Rain water harvesting & SMC techniques* from Dr. YSP University Of Hort. & Forestry, Solan (H. P)

Employment deposition :

Job Allocation(s) during my Professional Career, as on DEC, 2020 (in Months)





Social affiliations & Associations :

- Ex-Member - Expert Committee on *Promotion of Agroforestry for poverty alleviation* formed by the C.G State Planning Commission
- Ex-Member - Expert Committee on *CDM in relation to JFM & the Forestry operations* formed by the APCCF (JFM) CGFD
- Ex-Member - NGO – Tree Guardians, New Delhi
- Ex-Secretary - *Founder Member* of an NGO – Indian Foundation for Forestry \ & Integrated Rural Development (IFFIRD), established 1996, with Dr. S L Keswani – Chemprojects Consulting Pvt. Ltd, New Delhi

Professional competence at varied positions :

M/s. Fuji Industries Ltd

- Agribusiness Modeling
- Landuse Planning

- Geohydrological management
- Rainwater Harvesting
- Contract Farming
- Agriproduct Marketing

M/s. International Paper - APPM Ind. Ltd

- Clonal propagation of Casuarina & Eucalyptus (150 Lac Clone production)
- Nursery Management (2150 Lac Seedling production)
- Agroforestry / Farm Forestry Modeling (34000 Ha.)
- Farm Forestry Extension
- Plantations (34000 Ha.)
- FSC-FM (28000 Ha.)
- Legatrix

M/s. Prakash Ind. Ltd

- 2010 - Harvesting & Marketing of Plantation timbers
- 2009 - Heading the *SE ASIA's FIRST Carbon trading / VCS project – "Reforestation of the Wastelands in Chhattisgarh", with CCBA Validation (Gold Category)*
- 2009 - *Guest lecturer & Trainer – State Forest Deptt.* w.r.t CDM plantations over the wastelands
- 2008 - *Member State Planning Commission* w.r.t Promotion of Agroforestry in the State
- 2007 - Won the *Best Plantation Award from the Chhattisgarh Environment Conservation Board*

Mayar (India) Ltd.

- 2001 - Clearance & Claim settlement of # 5 Shipments of the Wooden logs at Tuticorin Sea port (TN) as received from Malaysia; Myanmar & Indonesia
- 2000 - Promoted as an Independent In-charge of the Import of wood from Malaysia; Myanmar & Indonesia etc within # 2 months of joining the Company

- 2000 - Revising & Re - designing of a source centre based Marketing strategy of the imported wood, for the Company
- 2000 - Survey & analysis of the Timber markets of Southern India located at Sivakasi; Tenkasi; Madurai; Nagarcoil; Coimbatore & Madurai

M/s. Kitply Ind. Ltd.

- 1997 - Won the National level Award (*Indira Priyadarshini Vrikshmitr Award' 1997*)
- 1997 - Won the *District – Durg's Best Plantation Award from the State Govt.*
- 1997 - Successful execution of a 100 Ha. Indo Canadian Environment Facility & IIT – Kharagpur Wasteland plantations by Utilizing FLY ASH & NIGHT SOIL
- 1997 - Analysis & Evaluation of the 2000 acre Tree Farms

Work exposure

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Project Management

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|----------------------------------|-----------------------|
| i. Project planning & layout | iv. Land procurements |
| ii. Cost: Benefit analysis | v. Liaison |
| iii. Basic Environment clearance | vi. R&R management |

Commercial forestry

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|--------------------------------------|---------------------------------|
| i. Market survey | vi. Yard management at the port |
| ii. Assessment of the demand of wood | vii. Liasoning with the buyers |
| iii. Managing the Resource center | viii. Sale of wood |
| iv. Import of wood | ix. Managing the LCs |
| v. Arranging the shipments | x. Settlement of disputes |

Wasteland amelioration

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|---------------------------|-----------------------------------|
| i. Nursery management | iii. Soil – Moisture conservation |
| ii. Wasteland plantations | iv. Plant protection & tending |

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| v. Research & Development | vii. Budgeting & |
| vi. Liasoning | viii. Cost controls |
| ix. Project identification | xvi. Assistance in Project Appraisals |
| x. Forestry, Agriculture and Environmental Studies | xvii. Developmental Plans |
| xi. Identification & evaluation of appropriate technologies | xviii. Evaluation and Impact Assessment |
| xii. Feasibility Studies | xix. Policy and Policy Analysis |
| xiii. Detailed Project Reports | xx. Human Resource Development (Training) |
| xiv. Raw Material Survey and Site Selection | xxi. Extension services |
| xv. Market Research and Resource Survey | xxii. Project Management And Monitoring |

Integrated rural development

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| i. Landuse planning | viii. Improved Chullahas |
| ii. Watershed management | ix. Farm management |
| iii. Afforestation | x. Integrated Pest Management |
| iv. Soil – moisture conservation | xi. Arranging Bank loans & Subsidies |
| v. Village level motivation | xii. Formation of SHG |
| vi. Rural upliftment thru appropriate technologies | xiii. Van panchayats & Forest committees |
| vii. Energy plantations
Implementation of Biogas technologies | xiv. Awareness creation about the environs |

Independent Project handling Experience :

Afforestation & Agro Forestry

- i. Nursery management from its laying to the successful site planting & disposal otherwise for the captive plantations of Khamar. Siris, Kadam, Bamboo & Neem
- ii. Agro-Forestry plantations on field bunds of Agricultural units in the states of Haryana and Punjab

- iii. Block planting techniques of Eucalyptus and Populus spp
- iv. Agro-Forestry Modeling with Cereals & Pulses in conjunction with Poplar and Eucalyptus
- v. Social Impact assessment of the Captive plantations on the rural population in Haryana, Punjab and Chhattisgarh regions of India
- vi. Establishing a Medicinal and Aromatic plant farm, in the Aravallis, a joint venture with an NGO
- vii. Extension Forestry in Haryana, Punjab and Uttar Pradesh

Wasteland amelioration through Landuse planning & Watershed management

- i. Wasteland amelioration through afforestation of legumes under the Silvo-pastoral system on the village wood lots in the districts of Jhansi, Datia and Gwalior (Uttar Pradesh)
- ii. Rejuvenation of Govt. lands through naturally occurring *Butea monosperma* rootstock, at Distt. Datia (U. P)
- iii. Rainfed afforestation through the Landuse planning & Watershed management techniques thru the rain water harvesting for the village wood lot by encouraging the people's participation, at Distt. Jhansi
- iv. Practicing the Joint Forest Management for the rehabilitation of the Ravines in the district of Jhansi and Datia.
- v. Wasteland reclamation through Land use planning and Watershed management in the district of Jhansi (U.P.)
- vi. Laying the Check dams in the erosion prone areas and Impact Assessment on the Ground water recharging in the wells falling within 50m to 100m vicinities of the Dam

Rural Development & Appropriate technology

- i. Integrated Rural Development Project: Energy plantations in combination with the promotion of Biogas technologies and Sericulture in the State of Haryana.
- ii. Commercialization of Biogas technology and the Captive plantations on Panchayat lands
- iii. Extension of appropriate rural development technologies in Uttar Pradesh and Haryana
- iv. Farmer's training camps for the tree growers in maximizing their production per unit area.

Tree Improvement

- i. Hybridization of *Populus* spp. and production of hybrids, resistant to Rust disease of *Populus* in Himachal Pradesh
- ii. Plus tree selection and Provenance trials in regions of Himachal Pradesh
- iii. Cloning *P. deltoids*, *P. ciliata* and *P. alba*: their propagation thru Twig-in-pot and cleft grafting methods and evaluation in the sub-tropical and temperate regions of Himachal Pradesh

Plant protection & tending

- i. Integrated Pest management (IPM) in the Captive & the mixed plantations of *Gmelina*, *Albizia*, *Bamboo*, *Neem*, *Leucaena* & *Eucalyptus* at the districts Raipur and Durg, over a 500-acre Tree farm
- ii. Management of the Rodents and the Termites in the plantations and the agricultural fields
- iii. Managing the menace of Household pests.
- iv. Weed management, year the round through Agronomic practices in conjunction with the use of Weedicides available in the market
- v. Promotion of the safer and judicious use of appropriate pesticides, herbicides and the Weedicides in the benefit of public health

Research, Development & Analytical

- i. Raw material assessment for a 300TPD Rayon grade pulp manufacturing Wood-utilizing Industry in the states of Haryana, Punjab and along the banks of Indira Gandhi Canal (Rajasthan)
- ii. Growing stock assessment the districts of U.P for a World Bank sponsored project
- iii. Evaluating the success of JFM in the southern district of West Bengal – under the World Bank sponsorship.
- iv. Development of appropriate and site specific Package ‘n’ Practices for Khamar, Kala Siris, Bamboo, Bakain, Kadam and few other horticultural tree species.
- v. Standardizing site-specific techniques to protect and prosper Kadam in Chhattisgarh
- vi. Studying the impact of change in the initial pit mixture ratios while planting and Spacement on the tree growth of the captive plantations
- vii. Evaluation and laying of Drip Irrigation systems and monitoring the growth of plants w.r.t. the plants being irrigated through flood irrigation systems.
- viii. Cost: Benefit analysis of cultivating safed Musli. *Cassia tora* and *Withania somnifera* (Ashwa gandha) in the districts of Chhattisgarh
- ix. Execution of an Indo-Canadian (ICEF) project on 100 Ha to ameliorate Wastelands by the utilization of Industrial waste (Fly ash) and the Urban waste (Pond sludge/Night soil).
- x. Developing Computer software for monitoring the plant growth in the Captive plantations on Wastelands.
- xi. R&D on uniform growth of trees over the “Bhatta” lands of C.G. state.
- xii. Analysis of soils and designing appropriate fertilizer dosage for the fast growing tree species in Chhattisgarh
- xiii. Managing the distorted plant growth by virtue of planning the silviculture, agronomic practices besides the application of fertilizer dosage to an individual plant(s).

- xiv. Developing a perfect pruning and plant-clearing package for resistance against plant pathogens of Khamar.
- xv. Encouraging the use of Tractor mounted sprayer in plant protection measures, in the captive plantations on wastelands.

Marketing & Market analysis

- i. Formulating a marketing strategy for WB-Forest Deptt, on Sal poles in West Bengal – A World Bank consultancy project
- ii. Study the potential of Imported Wood trade in India: A case study of Tuticorin port (Tamil Nadu).
- iii. Evaluation and assessment of wood demand in the distinct Wood based industries of India.
- iv. Execution of foreign wood trade through the Letter of credit (L.Cs) – India Vs. Hong Kong
- v. Practicing a Commercial – forestry approach and evaluation of the plantation woods available in the Indian markets

I, the undersigned, hereby declare that all the above information is valid and accurate to the best of my knowledge.

Date: December, 2020

Place: Delhi



(Manoj Sharma)