

List of Abbreviations

A&R	Afforestation and Reforestation
ACA	Ammonical Copper Arsenic
AESP	Acidified Exhausted Sandal Powder
AFLP	Amplified Fragment Length Polymorphism
AFRI	Arid Forest Research Institute
AMF	Arbuscular Mycorrhizal Fungi
APFDC	Andhra Pradesh Forest Development Corporation
APFISN	Asia Pacific Forest Invasive Species Network
APMP	Alkaline Peroxide Mechanical Pulping
AWGLCA	Ad hoc Working Group on Long term Cooperative Action
AWTC	Advanced Wood Working Training Centre
AYUSH	Ayurveda, Yoga and Naturopathy, Unani, Siddha and Homeopathy
BCC	Biodiversity and Climate Change
CATIE	Tropical Agricultural Research and Higher Education Centre
CBD	Convention on Biological Diversity
CCA	Copper Chrome Arsenic
CCB	Copper Chrome Boric
CDM	Clean Development Mechanism
CD-ROM	Compact Disc Read Only Memory
CFR&HRD	Centre for Forestry Research and Human Resource Development
CNSL	Cashew Nut Shell Liquid
CO ₂	Carbon Dioxide
COP	Conference of the Parties
CPT	Candidate Plus Tree
CSF&ER	Centre for Social Forestry Research and Eco-Rehabilitation
CSIR	Council of Scientific and Industrial Research
CSIRO	Commonwealth Scientific and Industrial Research Organization
CSO	Clonal Seed Orchard
CTG	Cassia Tora Gum



DBH	Diameter at Breast Height
DBT	Department of Bio-technology
DFO	Divisional Forest Officer
DG	Director General
DST	Department of Science and Technology
EB	Executive Board
ESF	Extension Support Fund
FIS	Forest Invasive Species
FRC	Forest Research Centre
FREE-P	Forestry Research Education and Extension Project
FRI	Forest Research Institute
FRLHT	Foundation for Revitalization of Local Health Tradition
FSI	Forest Survey of India
FT-IR	Fourier Transform Infrared
FYM	Farm Yard Manure
GACL	Gujarat Alkali and Chemicals Ltd.
GBPIHED	Govind Ballabh Pant Institute of Himalayan Environment and Development
GC-MS	Gas Chromatography-Mass Spectrometry
GEF	Global Environmental Facility
GHG	Green House Gas
GLC	Gas Liquid Chromatography
HFRI	Himalayan Forest Research Institute
HPLC	High Performance Liquid Chromatography
ICAR	Indian Council of Agricultural Research
ICFRE	Indian Council of Forestry Research and Education
IFFDC	Indian Farm Forestry Development Cooperative
IFGTB	Institute of Forest Genetics and Tree Breeding
IFS	Indian Forest Service
IGNP	Indira Gandhi Nahar Pariyojna
IHBT	Institute of Himalayan Bioresource Technology
IIRS	Indian Institute of Remote Sensing
IPIRTI	Indian Plywood Industries Research and Training Institute
IPM	Integrated Pest Management

IPMA	Indian Paper Manufacturers Association
IPT	International Provenance Trial
IR	Infra Red
ISO	International Organization for Standardization
ISSR	Inter Sample Sequence Repeat
ITTO	International Tropical Timber Organization
IWST	Institute of Wood Science and Technology
JRF	Junior Research Fellow
KFD	Kerala Forest Department
LAN	Local Area Network
L-DOPA	L-3,4-dihydroxyphenylalanine
LOSP	Light Organic Solvent Preservative
LULUCF	Land Use, Land Use Change, and Forestry
MoEF	Ministry of Environment and Forests
MoP	Meeting of the Parties
MoU	Memorandum of Understanding
MP	Madhya Pradesh
MPCA	Medicinal Plant Conservation Area
MPT	Multi Purpose Tree
MS	Maharashtra
MW	Microwave
NABARD	National Agricultural Bank for Agriculture and Rural Development
NAEB	National Afforestation and Eco-development Board
NATCOM	National Communication
NFLIC	National Forest Library and Information Centre
NFT	Nitrogen Fixing Trees
NGO	Non-Governmental Organization
NMBA	National Mission of Bamboo Applications
NMPB	National Medicinal Plants Board
NMR	Nuclear Magnetic Resonance
NOVOD	National Oilseed and Vegetable Oil Development



NRDC	National Research Development Corporation
NRSA	National Remote Sensing Agency
NTFP	Non Timber Forest Product
NWFP	Non-Wood Forest Produce
PCCF	Principal Chief Conservator of Forests
PCR	Polymerase Chain Reaction
PFM	Participatory Forest Management
PGD	Post Graduate Diploma
PSB	Phosphate Solubilizing Bacteria
PSIP	Planting Stock Improvement Programme
PT	Progeny Trial
PTG	Primitive Tribe Groups
QA	Quality Assurance
QC	Quality Control
RAPD	Randomly Amplified Polymorphic DNA
RBD	Randomized Block Design
RCBD	Randomized Complete Block Design
RDBMS	Research Data Base Management System
REDD	Reducing Emissions from Deforestation in Developing Countries
RFRI	Rain Forest Research Institute
SBI	Subsidiary Body for Implementation
SBSTA	Subsidiary Body for Scientific and Technological Advice
SFD	State Forest Department
SHG	Self Help Groups
SNC	Second National Communication
SP	Self Pruning
SPA	Seed Production Areas
SPM	Suspended Particulate Matter
SRF	Senior Research Fellow
SSO	Seedling Seed Orchard
SSPA	Seedling Seed Production Area
TEM	Transmission Electron Microscope
TFRI	Tropical Forest Research Institute

TKP	Tamarind Kernel Powder
TLC	Thin Layer Chromatography
TNFD	Tamil Nadu Forest Department
UNDP	United Nations Development Programme
UNFCCC	United Nations Framework Convention on Climate Change
USDA	United States Department of Agriculture
UV IR	Ultraviolet Infrared
UV	Ultraviolet
VAM	Vasicular Arbuscular Mycorrhiza
VMG	Vegetative Multiple Garden
WAN	Wide Area Network



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