



Right to Information

A Public Information Officer and Appellate Authority are functioning in Public Authority, ICFRE under the RTI Act 2005. During the year 2015-16, RTI application (305) and RTI Appeals (12) are disposed off. Consolidated Quarterly RTI returns of the Public Authority, ICFRE are regularly uploaded on CIC website (rtiar.nic.in). A Transparency Officer under the RTI Act is functioning in ICFRE.

RTI Applications/ Requests	No. of applications received as transfer from other P/As u/s6(3)	Received during the month (including cases transferred to other Public Authority)	Number of cases transferred to other Public Authorities u/s6(3)	Decisions where requests/ Appeals rejected	Decisions where requests/ Appeals accepted
1st Quarter	18	67	02	--	86
2nd Quarter	20	74	02	--	102
3rd Quarter	13	44	01	--	48
4th Quarter	22	52	04	--	69
Total	73	237	09	--	305
			--	--	
RTI First Appeals			--	--	
1st Quarter	N/A	01	N/A	--	01
2nd Quarter	N/A	07	N/A	--	07
3rd Quarter	N/A	02	N/A	--	02
4th Quarter	N/A	03	N/A	--	02
Total	--	13	--	--	12



NAME AND ADDRESS OF PUBLIC INFORMATION OFFICERS AND APPELLATE AUTHORITIES UNDER THE RIGHT TO INFORMATION ACT 2005 IN ICFRE AND ITS INSTITUTES

Headquarters / Institutes	Appellate Authorities	Public Information Officers	Subject matter(s) allocated
Indian Council of Forestry Research and Education (ICFRE Hq.), P.O. New Forest Dehradun-248 006	Dr. N.S. Bisht, Director (IC) Phone (O) : 0135-2224831, 0135-2756497 E-mail : nsbisht@icfre.org, dir_res@icfre.org	Shri R.C. Dwivedi, Phone (O) :0135-2224811, E-mail : dwivedirc@icfre.org	All matters related to ICFRE Hqrs., Dehradun
Forest Research Institute, P.O. New Forest, Dehradun-248 006	Dr. Savita, Director Forest Research Institute P.O. New Forest Dehradun- 248006 Phone: 0135-2224444, 2755277 Fax: 0135- 2757021 E-mail: dir_fri@icfre.org	Dr. N.S.K. Harsh Group Coordinator (Research), FRI P.O. New Forest Dehradun- 248 006 Phone : 0135-2224316, 0135-2752670,	All Research & Account matters
		Shri Shashikar Samanta, Registrar, FRI Phone: 0135-2224316 (O) 0135-2752670 (O)	Establishment, Administrative & all other matters
		Dr. Salil Dhawan, Registrar Deemed University, FRI Phone: 0135-2224439 (O) 0135-2751826 (O) Email: sdhawan@icfre.org	University matters
Centre for Social Forestry and Eco-Rehabilitation (CSFER), 3/1, Lajpath Rai Road, New Katra, Allahabad-211 002	Dr. Savita, Director Phone: 0135-2224444, 2755277 0135- 2757021 E-mail: dir_fri@icfre.org	Dr. Kumud Dubey Scientist and Director CSFER Phone:0532-2440795 Fax :0532-2440797 E-mail: head_csfer@icfre.org dir_csfer@icfre.org	All matters related to CSFER, Allahabad
Institute of Forest Genetics and Tree Breeding, Forest Campus, P.B.No 1061 R.S.Puram, Coimbatore - 641 002	Shri R.S. Prashanth, Director, IFGTB, Coimbatore, Phone: 0422-2431942 (O) Fax. 0422-2430549 E-mail: dir_ifgtb@icfre.org	Dr. B. Gurdev Singh, Scientist 'F', IFGTB, Coimbatore Phone: 0422-2431540 (O)	All matters related to IFGTB, Coimbatore
Institute of Wood Science & Technology, PO Malleswarum, Bengaluru -560003	Shri Surendra Kumar, Director, IWST, Bengaluru Phone : 080-23341731, E-mail: dir_iwst@icfre.org	Dr. K. Murugesan, Coordinator (Fac.), IWST, Bengaluru, Phone: 080-22190131(O)	All matters related to IWST, Bengaluru



Tropical Forest Research Institute, Jabalpur P.O. – R.F.R.C, Mandla Road, Jabalpur – 482 021	Dr. U. Prakasham, Director TFRI, Jabalpur RFRC Mandla Road, Jabalpur. Phone : 0761-2840483 E-mail: dir_tfri@yahoo.co.in	Shri Akhilesh Kumar Sharma, DCF TFRI Jabalpur. Phone: 0761-4044003 (O)	All matters related to TFRI, Jabalpur
Centre for Forestry Research and Human Resources Development (CFRHRD), P.O. Kundalikala, Poama, Chhindwara - 480001	Dr. U. Prakasham, Director TFRI, Jabalpur RFRC Mandla Road, Jabalpur. Phone : 0761-2840483 E-mail:dir_tfri@yahoo.co.in	Dr. P. Subramanyam, IFS, Director CFRHRD, Chhindwara Phone : 07162-254473 (O) Fax: 07162-254463 Email: head_cfrhrd@icfre.org	All matters related to CFRHRD, Chhindwara
Rain Forest Research Institute Post Box No. 136, Deovan, Sotai, A.T. Road, Jorhat- 785 001(Assam)	Dr. R.S.C. Jayraj Director, RFRI Jorhat Phone: 0376-2350273(O) Fax. 0376-2350273 E-mail: dir_rfri@icfre.org	Shri B.K. Sonowal RFRI, Jorhat Phone: 0376-2350273 (O)	All matters related to RFRI, Jorhat
Advanced Research Centre for Bamboo and Rattans (ARCBR), P.O. Box 171, Kulikawn Aizwal-796001	Dr. R.S.C. Jayraj Director, RFRI Jorhat Phone: 0376-2350273 (O) Fax: 0376-2350274 E-mail: dir_rfri@icfre.org	Shri Gautam Banerjee, DCF Public Information Officer (PIO) Phone: 0376-2350273 (O) Fax: 0376-2350274	All matters related to ARCBR, Aizwal
Centre for Forest Livelihood and Extension Sal Bagan Forest Campus PO – Gandhigram Agartala- 799 012 Tripura	Dr. R.S.C. Jayraj Director, RFRI Jorhat Phone: 0376-2350273 (O) Fax: 0376-2350274 E-mail: dir_rfri@icfre.org	Shri Gautam Banerjee, DCF Public Information Officer (PIO) Phone: 0376-2350273 (O) Fax: 0376-2350274	All matters related to CFLE, Agartala
Arid Forest Research Institute, P.O. Krishi Upaz, Mandi, New Pali Road, Jodhpur, 342005.	Dr. N.K. Vasu, Director, AFRI Jodhpur Phone: 0291-2722549 (O) Fax. 0291-2722764 E-mail: dir_afri@icfre.org	Dr. Genda Singh, Head Agroforestry & Extn. Div. AFRI Jodhpur. Phone: 0291-2721594	All matters related to AFRI, Jodhpur
Himalayan Forest Research Institute, Conifer Campus, Panthaghati, Shimla – 171 009.	Dr. V.P. Tiwari, Director, HFRI, Shimla Phone : 0177-2624392 (O), Fax : 0177-2626779 E-mail: dir_hfri@icfre.org	Dr. K.S. Kapoor, Coordinator (Res.),HFRI Shimla -171 009 Phone: 0177-2626801(O) 0177-2626778 (O) Fax: 0177-2626779	All matters related to HFRI, Shimla
Institute of Forest Productivity, Main Road, Hinoo, Ranchi-834 002.	Dr. S.A. Ansari, Director, IFP Ranchi, Ph-8986608161 E-mail: dir_ifp@icfre.org	Dr. Sanjeev Kumar Scientist- D, IFP Ranchi, E-mail: dir_ifp@icfre.org	All matters related to IFP, Ranchi
Institute of Forest Biodiversity, P.O. Hakimpet, Dulapally, Hyderabad- 500014.	Dr. GRS Reddy Director, IFB, Hyderabad Phone: 040-66309501(O) Fax : 040-66309521 E-mail: director_ifb@icfre.org	Dr. GRS Reddy Scientist -G, IFB, Hyderabad	All matters related to IFB, Hyderabad



E-mail and Postal addresses of ICFRE and its Institutes

Director General

Indian Council of Forestry Research and Education,
P.O. New Forest, Dehradun-248 006
E-mail: dg@icfre.org
Phone: 0135-2759382; 2224333/2224855

Deputy Director General (Research)

Indian Council of Forestry Research and Education,
P.O. New Forest, Dehradun-248 006
E-mail: gorayags@icfre.org
ddg_res@icfre.org
Phone: 0135- 2757775, 2224836

Deputy Director General (Administration)

Indian Council of Forestry Research and Education,
P.O. New Forest, Dehradun-248 006
E-mail: rawatas@icfre.org
ddg_admin@icfre.org
Phone: 0135- 2758295, 2224856

Deputy Director General (Extension)

Indian Council of Forestry Research and Education,
P.O. New Forest, Dehradun-248 006
E-mail: ddg_extn@icfre.org
Phone: 0135- 2750693, 2224830

Deputy Director General (Education)

Indian Council of Forestry Research and Education,
P.O. New Forest, Dehradun-248 006
E-mail: ddg_edu@icfre.org
Phone: 0135- 2758571, 2224832

Director (International Cooperation)

Indian Council of Forestry Research and Education,
P.O. New Forest, Dehradun-248 006
E-mail: dir_res@icfre.org
Phone: 0135- 2756497, 2224831

Assistant Director General (Information Technology and Forest Statistics)

Indian Council of Forestry Research and Education,
P.O. New Forest, Dehradun-248 006
E-mail: adg_stat@icfre.org
Phone: 0135- 2752229, 2224865

Secretary, ICFRE

Indian Council of Forestry Research and Education,
P.O. New Forest, Dehradun-248 006
E-mail: sec@icfre.org
Phone: 0135- 2758614, 2224867

Assistant Director General (Administration)

Indian Council of Forestry Research and Education,
P.O. New Forest, Dehradun-248 006
E-mail: adg_admin@icfre.org
Phone: 0135- 2750297, 2224869

Assistant Director General (Forests & Climate Change)

Indian Council of Forestry Research and Education,
P.O. New Forest, Dehradun-248 006
E-mail: tpsingh@icfre.org
Phone: 0135- 2755399, 2224823

Assistant Director General (Education & Recruitment Board)

Indian Council of Forestry Research and Education,
P.O. New Forest, Dehradun-248 006
E-mail: adg_edu@icfre.org
Phone: 0135- 2758348, 2224850

Assistant Director General (Media and Extension)

Indian Council of Forestry Research and Education,
P.O. New Forest, Dehradun-248 006
E-mail: adg_mp@icfre.org
Phone: 0135- 2755221, 2224814

Assistant Director General (Panchayat and Human Dimensions)

Indian Council of Forestry Research and Education,
P.O. New Forest, Dehradun-248 006
E-mail: adg_pf@icfre.org
Phone: 0135- 2754882, 2224827



**Assistant Director General
(Environment Management)**

Indian Council of Forestry Research and Education,
P.O. New Forest, Dehradun-248 006
E-mail: adg_eia@icfre.org
Phone: 0135- 2753882, 2224813

**Assistant Director General
(Research and Planning)**

Indian Council of Forestry Research and Education,
P.O. New Forest, Dehradun-248 006
E-mail: adg_rp@icfre.org
Phone: 0135- 2753290, 2224807

**Assistant Director General
(Monitoring and Evaluation)**

Indian Council of Forestry Research and Education,
P.O. New Forest, Dehradun-248 006
E-mail: adg_me@icfre.org
Phone: 0135- 2757485, 2224810

**Director
Forest Research Institute, Dehradun**

P.O. New Forest
Dehradun-248006
E-mail: dir_fri@icfre.org
Phone: 0135- 2224444, 2755277
Fax: 0135-2756865

**Director
Institute of Forest Genetics and Tree
Breeding, Coimbatore**

Forest Campus,
P.B.No. 1061, R.S.Puram,
Coimbatore - 641 002.
Email : dir_ifgtb@icfre.org
Phone: - 0422-2431942 (O)
Fax : 0422-2430549

**Director,
Institute of Wood Science and Technology,
Bengaluru**

P.O. Malleswaram,
Bengaluru-560 003
Email: dir_iwst@icfre.org
Phone: 080-23341731
Fax: 080- 23340529

**Director
Tropical Forest Research Institute,
Jabalpur**

P.O. – R.F.R.C, Mandla Road,
Jabalpur – 482 021 (M.P)
E-mail: dir_tfri@icfre.org
Phones: 0761 – 2840483(O)
Fax : 0761 – 2840484,4044002

**Director
Rain Forest Research Institute, Jorhat**

P. Box – 136, Deovan, Sotai, A. T. Road
Jorhat – 785 001 (Assam)
Email: dir_rfri@icfre.org
Phone: 0376-2305101 (O)
Fax: 0376-2305130

**Director
Arid Forest Research Institute, Jodhpur**

P.O. Krishi Upaz Mandi
New Pali Road, Jodhpur 342 005
Email : dir_afri@icfre.org
Phone : 0291-2722549 (O)
Fax : 0291-2722764

**Director,
Himalayan Forest Research Institute, Shimla**

Conifer Campus, Panthaghati,
Shimla– 171 009 (HP)
E-mail : dir_hfri@icfre.org
Phone : 0177-2626778 (O)
Fax : 0177-2626779 (O)

**Director
Institute of Forest Productivity, Ranchi**

Main Road Hinoo
Ranchi-834 002
E-mail: dir_ifp@icfre.org
Phone: 0651-2948505 (O)

**Director
Institute of Forest Biodiversity**

P.O. Hakimpet, Dulapally
Hyderabad- 500014
Email: director_ifb@icfre.org
Phone: 040- 66309501 (O)
Fax : 040- 66309521



Director
**Centre for Forestry Research and Human
Resources Development (CFRHRD)**
P.O. Kundalikala, Poama
Chhindwara (M.P.)-480 001
Email : head_cfrhrd@icfre.org
Phone: 07162-254473 (O)
Fax : 07162- 254463

Director
**Centre for Social Forestry and Eco
Rehabilitation (CSFER),**
3/1, Lajpath Rai Road, New Katra
Allahabad- 211 002
Email: dir_csfer@icfre.org
Phone: 0532-2440437

Director
**Centre for Forest Livelihood and
Extension (CFLE)**
Sal Bagan Forest Campus,
PO- Gandhigram
Agartala- 799 012
Phone/ Fax: 0381-2397097

Director
**Advanced Research Centre for Bamboo
and Rattans (ARCBR)**
P.O. Box 171,
Kulikawn Aizwal-796001
(Mizoram)
E-mail: mzs@icfre.org
Phone: 0389- 2301159, 2301157
Fax: 0389-2301159

**List of Abbreviations**

ABS	-	Access and Benefit Sharing
ACIRD	-	Avantha Centre for Industrial Research & Development
AFRI	-	Arid Forest Research Institute
AGB	-	Above Ground Biomass
AICP	-	All India Coordinated Project
AICRP	-	All India Coordinated Research Project
AICTE	-	All India Council for Technical Education
AM	-	Arbuscular Mycorrhizal
ANR	-	Accelerated Natural Regeneration
APPM	-	Andhra Pradesh Paper Mills
ASE	-	Anti Swelling Efficiency
AYUSH	-	Ayurveda, Yoga and Naturopathy, Unani, Siddha and Homoeopathy
BA	-	Benzyl Adenine
BCCL	-	Bharat Coking Coal Limited
BIOCLIM	-	Bio-Climatic Analysis and Prediction System
BIOFIN	-	Biodiversity Finance Initiative
BMS	-	Building Management System
BTSG	-	Bamboo Technical Support Group
CAEMS	-	Computer Associate Enterprise Management System
CAMPA	-	Compensatory Afforestation Fund Management and Planning Authority
CAZRI	-	Central Arid Zone Research Institute
CBD	-	Convention on Biological Diversity
CCA	-	Copper Chrome Arsenate
CCB	-	Copper Chrome Boron
CEC	-	Cation Exchangeable Capacity
CEIAS	-	Cumulative Environment Impact Assessment of Sutlej Basin
CFRHRD	-	Centre for Forestry Research and Human Resource Development
CG	-	Chhattisgarh
CGIAR	-	Consultative Group for International Agricultural Research
CIPET	-	Central Institute of Plastic Engineering & Technology
CMA	-	Clonal Multiplication Area
CMG	-	Clonal Multiplication Garden
CMO	-	Central Management Office
CMP	-	Conference of the Parties serves as the meeting of the Parties to the Kyoto Protocol
CMS	-	Content Management System
CNSL	-	Cashew Nut Shell Liquid
COP	-	Conference of the Parties



CORDET	-	Cooperative Rural Development Trust
CPCs	-	Candidate Plus Clumps
CPM	-	Chief Project Manager
CPT	-	Candidate Plus Tree
CRD	-	Completely Randomized Design
CSIRO	-	Commonwealth Scientific and Industrial Research Organisation
CSO	-	Clonal Seed Orchards
CURE	-	Conservation, Utilization, Research & Education
CWC	-	Central Water Commission
DAAD	-	Deutscher Akademischer Austauschdienst (German Academic Exchange Service)
DBH	-	Diameter at Breast Height
DEM	-	Digital Elevation Model
DFRSC	-	Diphenyl Picryl Hydrazyl free radical scavenging capacity
DHCP	-	Dynamic Host Configuration Protocol
DIVA-GIS	-	DIVA-GIS is a free computer program for mapping and geographic data analysis
DNA	-	Deoxyribo Nucleic Acid
DNS	-	Domain Name System
DPPH	-	Diphenyl Picryl Hydrazyl
DPR	-	Draft Project Report / Detailed Project Report
DRDO	-	Defence Research and Development Organization
DRM	-	Double Ridge Mound
DsRNA	-	Double-stranded RNA
DST	-	Department of Science and Technology
DUS	-	Distinctness, Uniformity and Stability
DV	-	Demo Village
EAP	-	Externally Aided Project
Ec	-	Electrical conductivity
EC	-	Emulsified Concentration
EEAP	-	Environmental Effects Assessment Panel
Ef1alpha	-	Elongation Factor 1alpha
EIA/EMP	-	Environmental Impact Assessment/Environment Management Plan
EMC	-	Equilibrium Moisture Content
ENVIS	-	Environmental Information System
EPN	-	Entomo-pathogenic Nematodes
ET	-	Evapo-transpiration
FCRA	-	Foreign Contribution (Regulation) Act
FDA	-	Forest Development Agencies
FGR	-	Forest Genetic Resources



FGRMN	-	Forest Genetic Resource Management Network
FIS	-	Forest Invasive Species
FMIS	-	Forest Management Information System
Forest –PLUS	-	Forest- Partnership for Land Use Science
FRC	-	Forest Research Centre
FRI	-	Forest Research Institute
FRLHT	-	Foundation for Revitalization of Local Health Traditions
FRS	-	Free Radical Scavenging
FRSC	-	Free Radical Scavenging Capacity
FSI	-	Forest Survey of India
FTIR	-	Fourier Transform Infrared Spectroscopy
FTP	-	File Transfer Protocol
FYM (GM)	-	Farm Yard Manure (Goat Manure)
GAE	-	Gallic Acid Equivalent
GARUDA NKN	-	Global Access to Resources Using Distributed Architecture -NKN
GBH	-	Girth at Breast Height
GBPNIHESD	-	National Institute of Himalayan Environment and Sustainable Development
GCMS	-	Gas Chromatography Mass Spectrometry
GEF	-	Global Environment Facility
GICIA	-	Green Initiatives Certification & Inspection Agency
GIS	-	Geographic Information System
GIZ	-	Gesellschaft für Internationale Zusammenarbeit (German Corporation for International Cooperation)
GPF	-	General Provident Fund
GPM	-	Geophysical Mapping
GPM plantations-	-	Greening Punjab Mission plantations
GPS	-	Global Positioning System
HATZ	-	High Altitude Transition Zone
HDPE	-	High-Density PolyEthylene
HEP	-	Hydro Electric Project
HFRI	-	Himalayan Forest Research Institute
HP	-	Himachal Pradesh
HPLC	-	High Power Liquid Chromatography
HPTLC	-	High Performance Thin Layer Chromatography
IAA	-	Indole Acetic Acid
IBA	-	Indole Butyric Acid
IBD	-	International Biodiversity Day
IBSC	-	Institutional Bio-Safety Committee



IC	-	Inhibitory Concentration
ICFRE	-	Indian Council of Forestry Research & Education
ICIMOD	-	International Centre for Integrated Mountain Development
ICT	-	Information Communication Technology
IFFCO	-	Indian Farmers Fertiliser Cooperative Limited
IFFDC	-	Indian Farm Forestry Development Cooperative Limited
IFGTB	-	Institute of Forest Genetics and Tree Breeding
IFP	-	Institute of Forest Productivity
IFRIS	-	Indian Forestry Research Information System
IGNFA	-	Indira Gandhi National Forest Academy
IMD	-	India Meteorological Department
IMTECH	-	Institute of Microbial Technology
INDC's	-	Intended Nationally Determined Contributions
InDels	-	Insertion-deletion
IITDM	-	Indian Institute of Information Technology, Design & Manufacturing
IPA	-	Isopro Penyl Acetate
IPBES	-	Inter-governmental Science-Policy Platform on Biodiversity & Ecosystem Services
IPM	-	Integrated Pest Management
ISS	-	Internet Security System
ISSR	-	Institute for Social Science Research
ITS	-	Internal Transcribed Spacers
IUFRO	-	International Union of Forest Research Organizations
IWST	-	Institute of Wood Science and Technology
J&K	-	Jammu and Kashmir
JFM	-	Joint Forest Management
JFMC	-	Joint Forest Management Committee
JICA	-	Japan International Cooperation Agency
JUIT	-	Jaypee University of Information Technology
KFD	-	Karnataka Forest Department
KSB	-	Potassium Solubilizing Bacteria
KU	-	Kasetsart University
KVKs	-	Krishi Vigyan Kendras
LAMPS	-	Large-scale Adivasi Multi-Purpose Societies
LCM	-	Leaf Compost Manure
LISS IV	-	Linear Imaging Self Scanner IV
MAPP	-	Maleic Anhydride grafted Polypropylene
MAPs	-	Medicinal and Aromatic Plants



MCC	-	Micro-Crystalline Cellulose
MLT	-	Multi Location Trial
MODIS	-	Moderate Resolution Imaging Spectroradiometer
MoEF &CC	-	Ministry of Environment, Forest and Climate Change
MP	-	Madhya Pradesh
MPa	-	Mega Pascal
MPCAs	-	Medicinal Plant Conservation Areas
MS	-	Medium Supplemented
MS	-	Maharashtra
MSL	-	Mean Sea Level
MSM	-	Micro Small and Medium
MSSR	-	Simple Sequence Repeats for Melia
m-TMI-g-PP	-	m-Tetra Methylxylene Isocyanate grafted Polypropylene
MW	-	Microwave
MW	-	Megawatt
NAA	-	Nepethane Acetic Acid
NABM	-	National Agro-forestry & Bamboo Mission
NaCL	-	Sodium Chloride
NBM	-	National Bamboo Mission
NBS	-	N-Bromosuccinimide
NBSS&LUP	-	National Bureau of Soil Survey and Land Use Planning
NC	-	Nitrocellulose
NCL	-	Northern Coalfields Limited
NFCCI	-	National Fungal Culture Collection of India
NFP	-	National Forest Policy
NFRP	-	National Forestry Research Plan
NIRDPR- NERC-		National Institute of Rural Development and Panchayti Raj-North Eastern Regional Centre
NKN-VPN	-	National Knowledge Network- Virtual Private Network
NFLIC	-	National Forest Library and Information Centre
NMPB	-	National Medicinal Plant Board
NMSHE	-	National Mission for Sustaining the Himalayan Eco-system
NNRMS	-	National Natural Resources Management System
NPK	-	Nitrogen Phosphorous Potassium
NPP	-	Net Primary Productivity
NRAA	-	National Rainfed Area Authority
NRSC	-	National Remote Sensing Centre
NTC	-	Non Tissue Culture



NTFP	-	Non-Timber Forest Produce
NWFP	-	Non - Wood Forest Products
OB	-	Over Burdened
OBC	-	Other Backward Castes
OFR	-	On Farm Research
OSR	-	On Station Research
PAS	-	Public Address System
PAR	-	Photosynthetic Active Radiation
PBRs	-	People's Biodiversity Registers
PCR	-	Polymerase Chain Reaction
PCA	-	Principal Component Analysis
PEG	-	Poly Ethylene Glycol
PFD	-	Punjab Forest Department
PGPR	-	Plant Growth Promoting Rhizo-bacteria
PGR	-	Plant Growth Regulator
PIMS	-	Personal Information Management System
PLA	-	Poly lactic Acid
PMES	-	Performance Monitoring and Evaluation System
PP	-	Poly propylene
PPGPR	-	Population density of Plant Growth Promoting Rhizobium
PSB	-	Phosphorus Solubilizing Bacteria
PU	-	Polyurethane
PUNCAMPA	-	Punjab Compensatory Afforestation Fund Management and Planning
PVA	-	Poly Vinyl Alcohol
PVP	-	Poly Vinyl Pyrrolidone
QTL	-	Quantitative Trait Locus
rDNA	-	Ribosomal Deoxyribonucleic Acid
RAG	-	Research Advisory Group
RAPD	-	Random Amplification of Polymorphic DNA
RAPD-PCR	-	Random Amplification of Polymorphic DNA- Polymerase Chain Reaction
RBD	-	Random Block Design
RBM	-	River Bed Material
REDD ⁺	-	Reducing Emissions from Deforestation and Forest Degradation ⁺
RET	-	Rare Endangered & Threatened
RF	-	Reserve Forest
RFRI	-	Rain Forest Research Institute
RH	-	Relative Humidity



RNAi	-	RNA interference
RNAse	-	Ribonuclease
RPB1	-	B1 unit of RNA Polymerase
RPC	-	Research Policy Committee
RS	-	Remote Sensing
RVTC	-	Regional Variety Testing Committee
SBSTA	-	Subsidiary Body for Scientific and Technological Advice
SC	-	Scheduled Castes
SECAS	-	Science Express Climate Action Special
SEED/SARTHI-		Science for Equity Empowerment and Development/ Sustainable Agriculture and Rural Transformation Holistic Initiative
SEM	-	Scanning Electron Microscope
SERVIR	-	A Spanish word of Spanish origin which means to serve
SFDs	-	State Forest Departments
SGS	-	Société Générale de Surveillance
SHGs	-	Self Help Groups
SNPs	-	Single Nucleotide Polymorphisms
SOC	-	Soil Organic Carbon
SOD	-	Superoxide Dismutase
SSM	-	Sada Shiv Mahila
SSO	-	Seedling Seed Orchards
SSP	-	Single Super Phosphate
SSR	-	Simple Sequence Repeat
ST	-	Scheduled Tribes
SWAT	-	Soil and Water Assessment Tool
SWC	-	Soil Water Content
TAFCORN	-	Tamil Nadu Forest Plantation Corporation Ltd.
TBOs	-	Tree Borne Oilseeds
TC	-	Tissue Culture
TDS	-	Tax Deducted at Source
TFA	-	Trifluoroacetic acid
TFRI	-	Tropical Forest Research Institute
TGA	-	Thermo-Gravimetric Analysis
TLC	-	Thin Layer Chromatograph
TNPL	-	Tamil Nadu Newsprint and Papers Limited
TNT	-	It is an advanced software for geospatial analysis
TOF	-	Tree Outside Forests
TPCs	-	Total Phenolic Contents



TPS	-	Thermoplastic Starch
TRS	-	Total Reducing Sugar
TSE	-	Two - Phase Solvent Extraction
TSO	-	Teak Seed Orchards
UCOST	-	Uttarakhand Council of Science & Technology
UNCCD	-	United Nations Convention to Combat Desertification
UNDP	-	United Nations Development Programme
UNEP	-	United Nations Environment Programme
UNFCCC	-	United Nations Framework Convention on Climate Change
UNFF	-	United Nations Forum on Forests
UP	-	Uttar Pradesh
USA	-	United States of America
USSTC	-	Uttarakhand State Science & Technology Congress
UV	-	Ultraviolet
VAM	-	Vesicular Arbuscular Mycorrhiza
VBTIPL	-	Varsha Bioscience & Technology India Pvt. Ltd.
VCP	-	Vegetation Carbon Pool
VESDA	-	Very Early Smoke Detection Appliance
VMG	-	Vegetative Multiplication Garden
VVKs	-	Van Vigyan Kendras
WDCD	-	World Day to Combat Desertification
WED	-	World Environment Day
WHAT	-	Western Himalayan Temperate Arboretum
WII	-	Wildlife Institute of India
WLS	-	Wildlife Sanctuary
WPC	-	Wood Plastic Composite
WPG	-	Weight Percent Gain
WRIS	-	Web Enabled Water Resources Information System
WUE	-	Water Use Efficiency
ZiBOC	-	Zinc, Boron and Copper