

#### MANDATE

- Develop sustainable agroforestry practices for farms, marginal land and wastelands in different agro-climatic zones of India.
- Coordinate network research for identifying agroforestry technologies for inter-region.
- Training in agroforestry research for ecosystem analysis.
- Transfer of agroforestry technology in various agro climatic zones.

#### MISSION

To improve quality of life of rural people through integration of perennials on agriculture landscape for economic, environmental and social benefits.

#### VISION

Integration of woody perennials in the farming systems to improve land productivity through conservation of soils, nutrients and biodiversity to augment natural resource conservation, restoration of ecological balance, alleviation of poverty and to mitigate risks of weather vagaries.

#### SIGNIFICANT ACHIEVEMENTS

- Inventorised the information on indigenous agroforestry practices adopted by the farmers in different agro-climatic regions of the country through Diagnostic and Design survey.
- Germplasm collection, evaluation and selection of promising multipurpose tree species with wider genetic base for growth and productivity and their propagation techniques.
- Design and development of agroforestry models for different agroclimatic zones of the country.
- Initiated Biofuel research programme for *Jatropha*, *Pongamia* and *Simarouba*.
- Initiative taken for agroforestry based watershed development in the Bundelkhand region resulting in drought proofing with enhanced and sustained rural livelihoods.
- CAFRI developed appropriate technologies for designing Cost-effective Rainwater Harvesting Structures (RHS) which can potentially reduce 15-20% cost of construction without affecting efficacy and life of checkdams.
- Programme initiated on agroforestry particularly agroforestry potential for carbon sequestration and environmental services.
- Skill Development through capacity building of

stakeholders.

- A study was conducted on Impact Assessment of Soil & water conservation measures in forest areas of Bundelkhand region of U.P. under consultancy.

#### LOCATIONS OF REGIONAL STATIONS

NIL

#### FIVE BEST TECHNOLOGIES/PRODUCTS

- Superior genotypes and clones of Poplar, Eucalyptus, Shisham, Neem, Acacia and others.
- Design and development of agroforestry models for different agroclimatic zones of the country.
- Agroforestry based watershed interventions help in drought proofing with enhanced and sustained rural livelihood.
- Carbon sequestration potential of agroforestry.
- Application of GIS and RS techniques for calculating area under agroforestry.

#### NEW INITIATIVES

- Enhancing productivity, profitability and livelihood through agroforestry interventions.
- Creation of awareness and technology transfer of agroforestry.
- Application of GIS and RS techniques for assessing area under agroforestry.
- Development of database on Agroforestry research in the country.
- Molecular studies for characterization of important MPTS germplasm.
- Agroforestry as livelihood option for tribal areas through TSP.
- Net working on Tree Fodder.

#### COLLABORATIVE PARTNERS

CAFRI has established strong linkages with National and International organizations such as WAC (ICRAF), ICRISAT, SAUs, other State and Central government institutions and NGOs.

#### FLAGSHIP PROGRAMMES

- Development of agroforestry systems integrating livelihood option including value addition and income generation for inculcating self-reliance among farmers.
- Standardization of clonal propagation technique and mass multiplication of elite planting material with focus on indigenous agroforestry species.

**THRUST AREAS FOR XII PLAN**

- Agroforestry System Research
- Natural Resource & Environment Management
- Tree Improvement, Post-harvest & Value Addition
- Human Resource Development, Technology Transfer & refinement

**EXTERNALLY FUNDED PROJECTS/CONSULTANCY**

Foreign aided projects: Nil  
 Other sponsored projects – ICRISAT, NICRA, MORD, DAC&FW, IINR&G, NIMSHE (DST), Young Scientist & Woman Scientist (DST)  
 Consultancies 2- IWMP, SFD, UP

**STAFF STRENGTH**

	Sanctioned	Filled	Vacant	% vacant
Scientific	29	22	07	24.13
Technical	16	16	--	--
Administrative	16	13	--	---
Supporting	08	07	--	---
<b>Total</b>	<b>67</b>	<b>54</b>	10	---

**QRT**

Period: 01 January 2007 to 31 March 2013  
 Chairman: Dr. D. N. Tewari  
 Next QRT due for 1 April 2013 to 31 March, 2018

**RAC**

Period:- 15 May, 2015 to 14 May, 2018  
 Chairman: Dr. Tej Pratap  
 Next RAC due for: 15 May, 2018 to 14 May, 2021

**IMC**

Period:- 1 April, 2014 to 31 March, 2017  
 Chairman: Dr. O P Chaturvedi  
 Next IMC due for: 1 April, 2016 to 31 March, 2018

**RFD & COMPOSITE SCORE FOR 4 YEARS**

Year	2011-12	2012-13	2013-14	2014-15
Score	97.60	90.40	92.20	91.50

**STATUS OF ISO 9001**

Yes, Certified by Global Certification Services, Bhopal (M.P.) in 2013.

**PUBLICATIONS (previous year) (2014-15)**

No. of papers in NAAS rated journals:  
 (a) No. of papers in score >6 : 03  
 (b) No. of papers in scores < 6: 23  
 Total: 26  
 Per scientist per year papers: 1.18

**FINANCIAL OUTLAY**

For Main Institute (₹ in lakh)

	XI Plan actual utilization	XII Plan proposed	Last year budget (2015-16)		
			RE	Actual Expenditure	% Utilization
Plan	1114.34	1850.00	257.82	253.17	98.19
Non-Plan	1753.05	3120.00	604.50	603.67	99.86
<b>Total</b>	<b>2867.39</b>	<b>4970.00</b>	<b>862.32</b>	<b>856.84</b>	---

**For AICRP (₹ in lakh)**

	XI Plan actual utilization	XII Plan proposed	Last year budget (2015-16)		
			RE	Actual Expenditure	% Utilization
Plan	3061.64	6572.24	984.27	981.01	99.67
Non-Plan	---	---			
<b>Total</b>	<b>3061.64</b>	<b>6572.24</b>	984.27	981.01	99.67

**For Institute + AICRP (₹ in lakh)**

	XI Plan actual utilization	XII Plan proposed	Last year budget (2014-15)		
			RE	Actual Expenditure	% Utilization
Plan	4175.98	8422.24	1307.20	1304.40	99.78
Non-Plan	1753.05	3120.00	--	--	
<b>Total</b>	<b>5929.03</b>	<b>11542.24</b>	1307.20	1304.40	99.78

**RESOURCE GENERATION FOR LAST YEARS ( in lakhs)**

2013-14	2014-15	2015-16
59.70	18.25	24.56

**Director- O P Chaturvedi**

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