



Mahatma Phule Krishi Vidyapeeth, Rahuri

Medicinal and Aromatic Plants Project, Rahuri

1.	Year of Start	:	1990																			
2.	Contact Details	:																				
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3.	Objectives/Mandates	:	<ul style="list-style-type: none">• To buildup awareness regarding the importance of medicinal and aromatic plants and their economic and ecological values.• To sensitization of local people for effective cultivation of economical important medicinal plants species.• To arrange training programme for staff of various Government and NGOs like foresters, schools, colleges, students, growers and farmers.• To assist the growers/cultivators in In-situ conservation of medicinal plants by encouraging them to take cluster cultivation of medicinal plants.• Arranging visits to place of success stories.																			
4.	Infrastructure	:																				
	Land	:	20.30 ha.																			
5.	Human Resource	:																				
	Technical Staff	:	<table><tr><td>SN</td><td>Designation</td><td>Discipline</td><td>Remarks</td></tr><tr><td>1</td><td>Associate Professor</td><td>Botany</td><td>Pooled</td></tr><tr><td>2</td><td>Assistant Professor</td><td>Botany</td><td>Pooled</td></tr><tr><td>3</td><td>Junior Research Assistant</td><td>Botany</td><td>Vacant</td></tr></table>				SN	Designation	Discipline	Remarks	1	Associate Professor	Botany	Pooled	2	Assistant Professor	Botany	Pooled	3	Junior Research Assistant	Botany	Vacant
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3	Junior Research Assistant	Botany	Vacant																			
	Non-Technical Staff	:	<table><tr><td>SN</td><td>Designation</td><td>No of posts</td><td>Remarks</td></tr><tr><td>1</td><td>Agriculture Assistant</td><td>1</td><td>Pooled</td></tr></table>				SN	Designation	No of posts	Remarks	1	Agriculture Assistant	1	Pooled								
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6.	Research Achievements	:	--																			
7.	Ongoing Research	:	1.																			

Short term research programme

1. Large scale yield trial on Ashwagandha (*Withania somnifera*).
2. Collection and characterization of different spices of Tulsi (*Ocimum sanctum*)
3. Evaluation & Characterization of different genotypes of Lemon grass (*Cymbopogon flexuosus*)
4. Collection and characterization of different sp. of Java Citronella (*C.winterianus*)
5. Collection and characterization of different Species of Khus (*Vetiver zizanoides*)

Long term research programme

1. Germplasm Collection & Evaluation of Medicinal & Aromatic Plants

- ✓ Collection and plantation of endangered medicinal plant species.
- ✓ Collection of different species of Aromatic Plants.

2. Maintenance of germplasm of different medicinal & Aromatic plants.

- ✓ Multiplication of important medicinal plants viz., Sonamukhi (*Cassia angustifolia*), Ashwagandha (*Withania somnifera*), Kadechirayat (*Andrographis paniculata*), Bawchi (*Psoralea corylifolia*), Isabgol (*Plantago ovata*), Shatavari (*Asparagus racemosus*), Sarpagandha (*Rauwolfia serpentina*) and Anato (*Bixa orellana*).

Value addition

- ✓ **a) Species for powder/ churn:** *Terminalia chebula* R. (Hirda), *Emblica officinalis* G.(Anola), *Terminalia bellerica* (Behda), *Triphala Churna*, *Asparagus racemosus* W. (Shatavari) *Withania somnifera* D. (Ashwagandha)
- ✓ **b) Essential oils:** *Cymbopogon winterianus* J. (Java citronella), *Cymbopogon flexuosus* (Gawati chaha), *Eucalyptus globules* L. (Nilgiri)