

ACHARYA N.G.RANGA AGRICULTURAL UNIVERSITY
KRISHI VIGYAN KENDRA, RASTAKUNTUBAI, PARVATHIPURAM-MANYAM DIST.

1. General information about the Krishi Vigyan Kendra

Name and address of KVK with Phone, Fax and e-mail	KVK, Rastakuntubai Kurupam mandal Parvathipuram Manyam district Andhra pradesh state Pin 535523, 9440019058 e-mail kvk.rastakuntubai@angrau.ac.in Website: www.kvkrastakuntubai-angrau.org
Name and address of host organization with phone No. and email	ACHARYA N.G. RANGA AGRICULTURAL UNIVERSITY Lam, Guntur-522034 A.P. Phone No. 8008896185 E-mail: directorextension@angrau.ac.in
Year of sanction	1984
Website of the KVK	www.kvkrastakuntubai-angrau.org

Mandate and Activities

- On-farm testing to assess the location specificity of agricultural technologies under various farming systems.
- Frontline demonstrations to establish production potential of technologies on the farmers 'fields.
- Capacity development of farmers and extension personnel to update their knowledge and skills on modern agricultural technologies.
- To work as Knowledge and Resource Centre of agricultural technologies for supporting initiatives of public, private and voluntary sector in improving the agricultural economy of the district.
- Provide farm advisories using ICT and other media means on varied subjects of interest to farmers
- In addition, KVKs produce quality technological products (seed, planting material, bio-agents, live stock) and make it available to farmers, organize frontline extension activities, identify and document selected farm innovations and converge with ongoing schemes and programs within the mandate of KVK.

Details of Adopted Villages

S. No.	Taluk/ Mandal	Name of the block	Name of the village	Year of adoption	Major crops & enterprises	Major problem identified	Identified Thrust Areas
KVK operational and adopted villages							
1	Parvathipuram Manyam District	Komarada	Gangireguvalasa	2021	Vegetables	Low yields	OFT, FLD and Demonstrations Awareness training programmes
2	Parvathipuram Manyam District	Garugubilli	Gottivalasa	2021	Vegetables	Low yields	OFT, FLD and Demonstrations Awareness training programmes
3	Parvathipuram Manyam District	Parvathipuram	Munaga	2020	Paddy, Groundnut, Mesta	Low yields	OFT, FLD and Demonstrations Awareness training programmes
4	Parvathipuram Manyam District	Salur	Mettavalasa	2021	Paddy, Groundnut, pulses	Low yields	OFT, FLD and Demonstrations Awareness training programmes
5	Parvathipuram Manyam District	Kurupam	Suryanagaram	2017	Paddy, Cashew	Low yields	OFT, FLD and Demonstrations Awareness training programmes
6	Parvathipuram Manyam District	Kurupam	Durbili	2017	Paddy, millets,	Low yields	OFT, FLD and Demonstrations Awareness training programmes
7	Parvathipuram Manyam District	Kurupam	Santhinagar	2018	Paddy, Cashew, Redgram	Low yields	OFT, FLD and Demonstrations Awareness training programmes
8	Parvathipuram Manyam District	Jiyamvalasa	Parasapadu	2020	Paddy, pulses, sesamum	Low yields	OFT, FLD and Demonstrations Awareness training programmes
9	Parvathipuram Manyam District	Gipuram	Vanjarapuguda	2017	Paddy, Groundnut, Redgram, millets	Low yields	OFT, FLD and Demonstrations Awareness training programmes
10	Parvathipuram Manyam District	Gummala x mipuram	Pedhakurja	2020	Paddy, Blackgram, Greengram, Redgram, millets, sesamum	Low yields	OFT, FLD and Demonstrations Awareness training programmes
11	Parvathipuram Manyam District	Kurupam	Maripalli	2020	Paddy, Redgram	Low yields	OFT, FLD and Demonstrations Awareness training programmes
12	Parvathipuram	Gummala x mipuram	Gorada	2018	Paddy, Cashew,	Lack of additional	OFT, FLD and Demonstrations

	Manyam District				Groundnut, millets	income from unit area	Awareness training programmes
13	Parvathipuram Manyam District	Parvathipuram	YS valasa	2020	Paddy, Groundnut, Pulses	Low yields	OFT, FLD and Demonstrations Awareness training programmes
14	Parvathipuram Manyam District	Kurupam	Konda baridi	2020	Paddy, Redgram, Pulses, Groundnut, millets	Low yields	OFT, FLD and Demonstrations Awareness training programmes
15	Parvathipuram Manyam District	Kurupam	Jarada	2020	Paddy, redgram, millets	Low yields	OFT, FLD and Demonstrations Awareness training programmes
16	Parvathipuram Manyam District	Kurupam	Manda	2019	Paddy, Redgram, millets	Low yields	OFT, FLD and Demonstrations Awareness training programmes
17	Parvathipuram Manyam District	Parvathipuram	Rastak untubai	2020	Paddy, Redgram, Blackgram, millets	Low yields	OFT, FLD and Demonstrations Awareness training programmes
18	Parvathipuram Manyam District	Parvathipuram	Adduri valasa	2020	Paddy, millets	Low yields	OFT, FLD and Demonstrations Awareness training programmes
19	Parvathipuram Manyam District	Parvathipuram	Billagudvalasa	2020	Paddy, millets	Low yields	OFT, FLD and Demonstrations Awareness training programmes
20	Parvathipuram Manyam District	Kurupam	Neelakantapuram	2021	Paddy, millets	Low yields	OFT, FLD and Demonstrations Awareness training programmes

DFI villages

District/Taluk/Block	Block	Name of cluster villages	Major crops & Enterprises	Major problems identified in each crop/enterprise	Proposed type of interventions
Parvathipuram Manyam	Kurupam	Durbili	Paddy, pulses, cashew	Low yields, pest and diseases, lack of income generating activities	OFTs, FLDs, Method demonstrations, Trainings
Parvathipuram Manyam	Gl Puram	Vanjarapuguda	Paddy, pulses, cashew	Low yields, pest and diseases, lack of income generating activities	OFTs, FLDs, Method demonstrations, Trainings
Parvathipuram	Kurupam	Suryanagar	Paddy,	Low yields, pest	OFTs, FLDs,

Manyam			pulses, cashew	and diseases, lack of income generating activities	Method demonstrations, Trainings
Parvathipuram Manyam	GLpuram	Shantinagar	Paddy, pulses, cashew	Low yields, pest and diseases, lack of income generating activities	OFTs, FLDs, Method demonstrations, Trainings

Photo gallery of significant events



Visit of ANGRAU, Vice chancellor, Andhra Pradesh State Agriculture Mission vice-chairman M.V.S. Nagireddy, Dr. Rakesh Mohan Joshi, Director of Indian Institute of Plantation Management (IIPM), Bangalore, to KVK, Rastakuntubai stall on the occasion of ANGRAU foundation day at Lam, Guntur on 12.06.2022



KVK, Rastakuntubai Conducted International Yoga Day on 21.06.2022

KVK, Rastakuntubai, Distributed Vanashree, Vanaraja, Ghagus, Gramapriya chicks to the tribble farmers under TSP on 21.06.2022



KVK Rastakuntubai -Participated in Dr. Y.S.R.Rythu Dinotsavam at ITDA sitampeeta, Parvathipuram Manyam District on 08.07.2022



Distributed of vegetable seed kits to the farmers under TSP



KVK Rastakuntubai- Organized webcasting of ICAR Foundation Day celebrations and success of DFI farmers at KVK on 16.07.2022



Dr. T. Murali krishna(Programme coordinator), and staff of kvk, Rastakuntubai distributed mini dhall mill (pulses processing unit) under DBT- Biotech KISAN Hub at KVK, RK.Bai on 21.07.2022



KVK Rastakuntubai -Participated in Bamboo plantation drive on 10.8.22



KVK Rastakuntubai staff celebrated 76th Independence day on 15th August under Azadi Ka Amrit Mahotsav



Dr. M. Suresh Kumar, ADR, RARS, Chintapalli visited KVK, Rastakuntubai on 23.8.22 observed demo units, farm activities, STL and gave suggestions regarding technical programmes and development of farm



KVK Rastakuntubai staff participated in T&V meeting along with District Agriculture officials organized by ARS, Seethampeta on 27.8.22



Dr. T. Murali Krishna, PC and Sri. M. Anantha Vihari, SMS (Extn) along with Dr. D. Srinivas Rao, Associate Dean, Naira College, Dr.Uppendra, Associate Professor and Dr. G. Sowjanaya Roy, Assistant Professor visited RAWEP villages, allotted RBKs and monitored activities related to RAWEP on 6/9/22.



Dr. T. Murali Krishna, PC and Sri. M. Anantha Vihari, SMS (Extn) explained about the KVK activities to Govt. Degree college students, Gummalakshmiapuram and showed them KVK farm, demo plots, shade net on 15/9/22



KVK Rastakuntubai conducted Poshan Abhiyan – Poshakaaraha pracharam maruyu makkala pampini in association with IFFCO and distributed nutrigarden kits, plant saplings to farmers on 17/9/22



Visit to KVK – Rastakuntubai by Sri Anand, Joint Collector of Parvathipuram –Manyam district interacted with KVK staff and later visited farm, demo units on 21/9/22.



KVK- Rastakuntubai Soil testing lab inauguration in virtual mode by Hon'ble Vice Chancellor, Dr. A. Vishnu Vardhan Reddy garu on 23/9/22



distribution of Sprayers & Trauplines to farmers under TSP by P. Devullu, Member, Board of Management, ANGRAU on 29/9/22.



KVK- Rastakuntubai created Awareness programme on preparation of brahmastra under natural farming at neelakantapuram village on 1-10-22



KVK Rastakuntubai conducted Swachaata abhiyan special campaign 2.0 from 2/10/22 to 31/10/22



Dr. G. Amrutha Veena, SMS (PP), Smt. P. Sowjanya, SMS (CP) and Sri. S. Srinivas Raju, SMS (Horti) on 8-10-22 visited the Paddy, Sugarcane, Cotton and Turmeric fields in various mandals damaged due to heavy rains and gave suitable measures to farmers.



Distribution of Sprayers and Tarupalines to farmers under TSP by ADR, RARS, Chintapalli on 17/10/22

KVK staff along with ADR, RARS, Chintapalli participated in Rythusadassu programme oragized by RAWEP students at Gutchimi village on 18/10/22.



Dr. G. Amrutha Veena, SMS (PP), Dr. S. Srinivas Raju, SMS (Horti) and Sri. M. Anantha Vihari, SMS (Extn) conducted diagnostic field visit in paddy at gopalapuram village on 29/10/22 observed BPH and suggested remedial measures



KVK Staff members participated and took oath as part of vigilance awareness week on 1/11/22.



Smt. P. Sowjanya, SMS (CP) conducted field day in OFT groundnut variety Kadiri lepakshi at Mangalapuram village on 11.11.22



KVK – Rastakuntubai conducted Agritourism to school children on childrens day on 14.11.22



Distribution of Ragi seed variety VR 847 to farmers under TSP at KVK, Rastakuntubai on 15.11.22



Dr. PRK Prasad, Professoer & University Head, Dept. of SSAC visited OFT of Organic farming practices in paddy along with SMS (CP) & SMS (Extn) at Peddakharja village on 24/11/22



Dr. S. Srinivasa Raju, SMS (Horti) attended AP state Agricultural meeting chaired by Vice Chairman Sri M V Nagi Reddy garu on 26/11/22 at Collectorate Office, Parvathipuram



Dr. G. Anu, SMS (AH) conducted health camp at balagudaba village in cooperation with Animal Husbandry department and distributed mineral mixture to dairy farmers



Dr. S. Srinivasa Raju, SMS (Horticulture) and Dr. G. Amrutha Veena, SMS (PP) participated in Ag-Tech Conference and Exhibition on latest agriculture technologies at Lam, Guntur from Dec 3rd to 5th organized by ANGRAU and kept a stall of different medicinal plants, FPO products, Cashew grafts



Distribution of groundnut seed to CFLD farmers at KVK, Rastakuntubai on 9.12.22



Distribution of horticulture planting material to farmers under TSP by Dr. M. Suresh Kumar, ADR, RARS, Chintapalli on 12-12-22



KVK – Rastakuntubai participated in kisan mela organized by ARS, Vizianagaram and kept stall of different medicinal plants, horticulture planting material, solar dryer equipment, FPO products, literature and received best stall appreciation certificate on 16-12-22



Smt. P. Pushpa Sreevani, MLA visited KVK interacted with staff about activities doing to tribal people and later visited farm, demo units in kvk on 28-12-22.



Dr. S. Srinivasu Raju, SMS (Horticulture) participated in exhibition at lamfarm, Guntur on occasion of Andhra Pradesh Higher education Universities planning board meeting attended by Vice-Chancellors on 29-30th, Dec, 2022 and kept a stall of different medicinal plants



KVK – Rastakuntubai conducted awareness programme on usage of Drone technology in crops to farmers on 18.1.23



KVK – Rastakuntubai conducted 39th SAC meeting on 24.1.23. Dr. A. R. Reddy, Principal Scientist (ATARI), Dr. Visalakshmi, Principal Scientist & Nominee of Director of Extension, Dr. M. Suresh Kumar, ADR, RARS, Chintapalli and other line department officials, farmers participated in 39th SAC meeting.



Dr. T.S.S.K Patro, Programme Co-ordinator and Dr. M. Anantha Vihari, SMS (Extension) explained about KVK activities to Vedhanth Junior college Students, Parvathipuram and later showed KVK Farm on 28.1.23.



Dr. S. Srinivasa Raju SMS (Horticulture) participated in suvarnarekha mamidi ritula sangam training program at somalingapuram with the support of WORLD BANK & APIITP on 4-2-23



KVK – Rastakuntubai organized Awareness camp of PM Kissan Samman Nidhi programme on 27-2-23



Dr. T.S.SK Patro, Programme Coordinator participated in Training Programme on Importance of millets to sensitize Millet cultivation and consumption among students in coordination with with Ministry of Youth Affairs and Sports at Salur on 28.2.23



Dr TSSK Patro, Programme Coordinator participated in training program on millets on eve of International Women's day as a resource person in entrepreneur development at Viyyanapeta village and Distribution of Tailoring machines to Tribal farmers in Vizianagaram dist on 8-3-23



KVK Rastakuntubai as part of IYOM, Training program was conducted to farmers on importance of millets in daily life nutrition on 15-3-23



KVK – Rastakuntubai live telecasted International Millets conference - Millets for Opportunity in Natural farming to tribal farmers on 18-3-23



Sri. Noorul Quamer, Sub collector, Palakonda visited KVK- Rastakuntubai interacted with staff, visited KVK farm, demo units and appreciated the efforts on 21-3-23



Dr. B. Vijayabhinandhana, Director of Extension, ANGRAU, Dr. B. Mukundha Rao, DDE and dignitaries from agriculture and allied sectors, participated in Kisan Mela organized at KVK Rastakuntubai on 25-3-23



Dr. S. Srinivasa Raju, SMS (Horticulture), Y. Uma Jyothi, SMS (Home Science), Dr. Anu. G., SMS (Veterinary), Dr. G. Amrutha Veena, SMS (Plant Protection) Exhibited a stall at Kisan mela organized by College of Veterinary Science, Garividi on 29-3-23



Dr. M. Suresh Kumar, ADR, RARS Chintapalli along with Dr. S. Sravanthi SMS (CP), Dr. G. Amrutha Veena SMS (PP) , Dr. M. Anantha Vihari SMS (Extension), conducted field visit to FLD plot on Groundnut crop at Mangalapuram village on 4.3.23

Field visit to CFLD oilseed sesame YLM 66 by Dr. G. Amrutha Veena SMS (PP) and Dr. M. Anantha Vihari SMS (Extension) at Amiti Village on 1.4.23



Visit of Honourable Vice - Chancellor, Dr. A. Vishnuvardhan Reddy garu, Dr. G. Ramarao garu, Registrar and Dr. K.Gurava Reddy garu, Technical Secretary to VC, Dr. M. Suresh Kumar garu, ADR, RARS Chintapalli to KVK Rastakuntubai. Interacted with Staff about the activities going in KVK and Suggested to promote poultry, value addition products, planting material supply in large scale. Appreciated the efforts of scientists regarding KVK development, later visited farm, demo units and planting of saplings on 12.4.23



KVK Staff participated in Pre-ZREAC meeting 2022-23 of HAT Zone and presented their work done and action plan at RARS Chintapalli on 19.4.23

Dr.TSSK Patro, PC, Dr. M. Anantha Vihari SMS Extension, Dr.Anu G SMS Veterinary, Smt. Y. Uma Jyothi, SMS Home Science participated in Rythusadassu and Agricultural exhibition organized by RAWEP students at Peddakharja village on 21.4.23.



KVK staff participated in ZREAC meeting held at Horticultural College, Parvathipuram on 26.4.23



Dr. TSSK Patro, Programme Coordinator participated in Pre Action plan meeting of KVKs of Andhra Pradesh at Lam, Guntur on 4-5-23 & 5-5-23

Dr.S.Srinivasa Raju, SMS (Horticulture) met Honourable Member of parliament Sri Bellana Chandrasekhar garu on 12.5.23 and explained the activities and recent infrastructure development of KVK Rastakuntubai. The MP appreciated the efforts of the Programme coordinator and his team and promised to visit the KVK and speak in parliament in upcoming parliament session



Dr S.Sravanthi SMS (CP), Dr.G.Amrutha veena, SMS (PP), Dr.M.Anantha vihari, SMS (Extn) Conducted Training program on soil health management, nutrient use efficiency (Under Mission life) at P.Amity (V), Gummalaxmipuram(M) on 27.5.23



Dr.S.Srinivas raju, SMS (Horti), Dr.S.Sravanthi, SMS (CP), Dr.G.Amrutha veena, SMS (PP), Dr.M.Anantha vihari, SMS (Extn) conducted Diagnostic Field Visit in banana observed Nutrient deficiency, drying of leaf margins, Too many suckers around the plant, Wilt, drying of old leaves, pseudostem splitting, Lodging and recommended suitable measures on 27.5.23

Demo units maintained



Black Bengal goat Unit



Turkey birds Unit



Guinea fowl Unit



Sheep Unit



Poultry Unit



Azolla Unit



Cattle Unit



Orchids block



Cashew grafts



Cashew block



Millet Cafeteria



Varietal Museum of Ragi



Hydroponics unit



Millet museum



Mushroom unit



Vermicompost unit



Apiary unit



Primary Processing unit



Value Addition unit



Suryamandal Model



Indigenous rice varieties

Salient Achievements

Achievements of Mandated activities

S.No	Activity	Target	Achievement
1.	Technologies Assessed and refined(No.)		
2.	On-farm trials conducted (No.)	15	15
3.	Frontline demonstrations conducted (No.)	22	22
4.	Farmers trained (in Lakh)	0.03000	0.03128
5.	Extension Personnel trained (No.)	0.0700	0.0950
6.	Participants in extension activities (in Lakh)	0.04500	0.08728
7.	Production and distribution of Seed (in Quintal)	16	34.6
8.	Planting material produced and distributed (in Lakh)	01	01.7
9.	Live-stock strains and finger lings produced and distributed (in Lakh)	0.0500	0.0700
10.	Soil samples tested by Mini Soil Testing Kit (No)	253	253
11.	Soil samples tested by Traditional Laboratory (No)	-	-
12.	Water, plant, manure and other samples tested (No.)	-	-
13.	Mobile agro-advisory provided to farmers (No.)		
14.	No.of Soil Health Cards issued by Mini Soil Testing Kits (No.)	253	253
15.	No.of Soil Health Cards issued by Traditional Laboratory (No.)	-	-

Seed Production (q)

Crop	Season	Target	Achievement
Groundnut	Kharif	18	18
Groundnut	Rabi	11	11
Sunhemp	Rabi	5.6	5.6

Planting material (Nos.)

S. No	Name of the seedling	Varieties	No of seedlings (No.)
1	Turmeric	Pragathi	8000
2	Ginger	Maran	5000
3	Tomato	Arka Samrat	22000
		Arka Abhed	9000
4	Brinjal	F1 Hybrids	22000
5	Drumstick	PKM-1	1000
6	Sweet potato	Bhu Krishna	1200
7	Cinnamon	Local area	2000
8	Curryleaf	Vadlapudi local	1500
9	Jackfruit	Local firm type	400
10	Cashew	V4, VRI-3, BPP-8, BPP-9	7000
11	Papaya	Taiwan 786	5000

12	Marigold	Pusa deep	5000
13	Chilli	Teja	8000
		LCA 616	5500
14	Cabbage	Private Variety	2000
15	Cauliflower	Private Variety	2000
16	Sprouting broccoli	Private Variety	1000
			1,07,600

Success stories

Success story of tribal farmer - livelihood secured through Paddy Cultivation

1. Domain of the study / Rationale:

- Name of the farmer – P. Patthi
- Village – Durbili
- Mandal - Kurupam
- District – Parvathipuram

2. **KVK Intervention:** KVK, Rastakuntubai chose her to demonstrate the villagers, the economic impact of improved varieties of paddy. Demonstration of High yielding paddy variety MTU 1224. KVK supported him by giving inputs and training on better management practices.

3. **Technological intervention:** Supply of high yielding paddy seed variety MTU 1224 and timely support of crop management practices

4. **Output :** Livelihood security achieved with Paddy cultivation.. P. Patthi received higher yields of 58.73 quintals per hectare with net income of Rs. 62398 and also meeting his family expenditure. Farmers from the neighbouring villages attracted with the benefits gained by paddy cultivation. They approached KVK scientists for further guidance to adopt the technology



2. Impact of the centre & Conclusion Entrepreneurship development

Name	Sabala Saraswathi	
Education	Degree	
Technology from Krishi Vigyan Kendra	- Promotion of millets - one mega processing millet automated unit worth of 5 crores with the help of A.P Food processing society - With the support of KVK, they have been preparing 20 types of various millet products and generating 25 tones of foundation seed every year - Millet dehulling machine supplied	
Marketing and other details	- Nearly 6200 women's were empowered in millet Value addition and Marketing - Supply of around fourteen thousand biscuits per day to different governmental organizations like anganwadi centres and social welfare hostels.	
Future plan	- Extending marketing on large scale - Making bakery products (Biscuits, Cakes, Bread)	
Awards Received	- One Mp – One idea contest , One lakh cash prize - Sweden fellowship award - Best women FPO - Jayaho Mahila Award	

List of special programmes undertaken by the KVK and operational now, which have been financed by State Govt. /Other Agencies

S. No.	Name of the programme/ project	Year	Funding agency	Amount (Lakhs)
1	Tribal Sub Plan	2022	IIMR	14.20
2	Natural Farming	2022	ATARI	2.66
3	Swachhta Action plan	2022	ATARI	0.27
4.	PMKSY 2.0	2023	Watershed Project	9.60

PHOTOS ON FARM TRIALS





FRONT LINE DEMONSTRATIONS



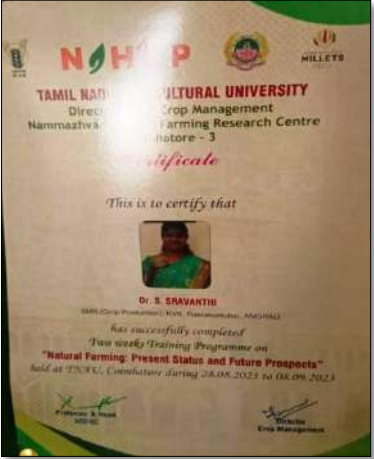




Awards Received

Name of the station/ scientist (s)	Name of the award	ICAR/ state level/ University level	Category of award	Photo
KVK Rastakuntubai	First place in CFLD pulses project implementation	By ATARI	Best station	
	Second place in TSP project implementation	By ATARI	Best station	
	Best stall award	At Kisan mela, ARS Vizianagaram	Best stall award	
	Best start up award	At national conference of Agri startups-KVK – A technical back stop for innovations	Best start up award	
Dr. TSSK Patro, PC	J.P. Verma Memorial award	Indian Phytopathological Society, Mysore	Best scientist	

	First prize in Best presentation	ATARI, Annual zonal workshop of KVKs		
	Best oral presentation	At national conference of Agri startups-KVK – A technical back stop for innovations		
Dr. S. Srinivasa Raju, SMS Horticulture	Young Horticultural Scientist award	Vasantharaj David Foundation	Best scientist	
Dr. S. Sravanthi, SMS CP	Certificate of Appreciation award	From District collector		

	Young Agricultural Scientist award	Vasantharaj David Foundation	Best scientist	
	Young Scientist award in Agricultural Science	Vigyanvartha	Best scientist	
Dr. G. Amrutha Veena, SMS PP	Young Agricultural Scientist award	Vasantharaj David Foundation	Best scientist	

	Young plant pathologist award	Vigyanvartha	Best scientist	
Dr. ANU, G SMS Veterinary	Young Animal husbandry Scientist award	Vasantharaj David Foundation	Best scientist	
	Young Scientist award in Animal Science	Vigyanvartha	Best scientist	

		Vigyanvartha	Best scientist	
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INFRASTRUCTURE



Office Building



Heritage Building



Value Addition unit



Entrance Road



Farmers Hostel



Farm Road

