

**ANDHRA PRADESH INDUSTRIAL INFRASTRUCTURE
CORPORATION LIMITED**

(A Govt. of Andhra Pradesh Undertaking)



**Request for Expression of Interest
for
Lease of
Core Processing Center, Mega Food Park, Mallavali (M), Krishna(D),
Andhra Pradesh**

January 2021

Andhra Pradesh Industrial Infrastructure Corporation Limited (APIIC)

APIIC Towers, Plot No-1, IT Park, Mangalagiri, Guntur(Dist), AP-522503

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1. DISCLAIMER

The information contained in this Request for Expression of Interest ("REOI") Document or subsequently provided to Interested Parties, whether verbally or in documentary or any other form by or on behalf of APIIC or any of its employees or advisers, is provided to Interested Parties on the terms and conditions set out in this REOI and such other terms and conditions subject to which such information is provided.

This REOI is not an agreement and is neither an offer nor invitation by APIIC to the Interested Parties or any other person. The purpose of this REOI is to provide Interested Parties with information that may be useful to them in making their Expression of Interests (EOIs) pursuant to this REOI. This REOI includes statements, which reflect various assumptions and assessments arrived at by APIIC in relation to the envisaged commercial development. Such assumptions, assessments and statements do not purport to contain all the information that each Interested Party may require. This REOI may not be appropriate for all persons, and it is not possible for APIIC, its employees or advisers to consider the investment objectives, financial situation and particular needs of each party who reads or uses this REOI. The assumptions, assessments, statements and information contained in this REOI, may not be complete, accurate, adequate or correct. Interested Parties should, therefore, conduct their own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments, statements and information contained in this REOI and obtain independent advice from appropriate sources.

Information provided in this REOI is on a wide range of matters, some of which depends upon interpretation of law. The information given is not an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. APIIC accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed herein.

APIIC, its employees and advisers make no representation or warranty and shall have no liability to any person, including any Interested Party under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this REOI or otherwise, including the accuracy, adequacy, correctness, completeness or reliability of the REOI and any assessment, assumption, statement or information contained therein or deemed to form part of this REOI or arising in any way.

APIIC also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any Interested Party upon the statements contained in this REOI. APIIC may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this REOI.

The issue of this REOI does not imply that APIIC is bound to select an Interested Party for the envisaged commercial development and APIIC reserves the right to reject all or any of the EOIs without assigning any reason whatsoever.

Interested Parties shall bear all their costs associated with or relating to the preparation and submission of their EOIs including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by APIIC or any other costs incurred in connection with or relating to their EOIs. All such costs and expenses will remain with the Interested Party and APIIC shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by any Interested Party in preparation or submission of the EOI.

2. LIST OF ABBREVIATIONS

APIIC	Andhra Pradesh Industrial Infrastructure Corporation Limited
GoAP	Government of Andhra Pradesh
EOI	Expression of Interest
REOI	Request for Expression of Interest
MoFPI	Ministry of Food Processing Industries
MFPS	Mega Food park Scheme.
CPC	Core Processing Center
PPC	Primary Processing Center
CC	Collection Center
CCI	Cold Chain Infrastructure

3. EXPRESSION OF INTEREST

3.1. INTRODUCTION

Andhra Pradesh Industrial Infrastructure Corporation (APIIC) Ltd., is a wholly owned Undertaking of Government of Andhra Pradesh, incorporated on 26th September, 1973. It is a premier organization in the state, mandated with the objective of providing industrial infrastructure through the development of industrial parks across the state. APIIC is known for creating landmark infrastructure projects in the state, which are fuelling the economic growth in the state. APIIC has so far developed more than 300 industrial parks/estates including many sector based parks such as Food Parks, Textiles Parks, Ceramic Cluster, Pharma Parks, etc. APIIC is also responsible for allotment of industrial plots within the Industrial Parks developed by APIIC.

Ministry of Food Processing Industries (MoFPI) is the Nodal agency of Government of India for formulation and implementation of the policies and plans for Food Processing Industries. Mega Food Park scheme under the aegis of MoFPI aims at providing a mechanism to link agricultural production to the market by bringing together farmers, food processors and retailers so as to ensure maximizing value addition, minimizing wastage, increasing farmer's income and creating employment opportunities particularly in rural sector.

APIIC has developed Mega Food Park under the aforementioned scheme at Mallavalli (V), Bapulapada (M), Krishna (D) wherein, a Core Processing Centre is being developed, along with basic enabling infrastructure for establishment of Food Processing Units in the Park. APIIC envisages to develop a flourishing food processing cluster supported by an efficient supply chain, which would primarily include Collection Centers (CCs), Primary Processing Centers (PPCs), a Core Processing Centre (CPC) and Cold Chain Infrastructure (CCI). In addition to the Mega Food Park, APIIC is also developing a State Food Park adjacent to the Mega Food Park so that more number of units can take advantage of the CPC.

CPC is located within Mega Food Park, spread over an extent of 7.48 acres. CPC comprises of facilities such as 6MT/hour of aseptic pulp and concentration line, Ripening Chamber with 120 MT/ chamber, 3000 MT Cold Storage Unit, 4000 MT Dry Warehouse and other allied facilities. Detailed capacities of each component and machinery of CPC is elaborated further in Section 6 of this REOI.

3.2. PURPOSE OF REOI

APIIC intends to engage an Agency for handing over the Core Processing Center (CPC) in Mega food Park on lease basis for a period of 3 (Three) years. The agency will pay a fixed monthly rent to APIIC. Further Scope of Work has been elaborated in Section 6 of this REOI. The amount of Lease rental for subsequent years shall be increased by 5% (Five) annually over the previous year's amount.

3.3. INTERESTED PARTIES

APIIC welcomes Expression of Interest from Individuals or Proprietorship Firms or Partnership Firms or Private Limited Companies or Public Limited Company or any other type of business concern operating in the food industry value chain. Interested Parties can submit their EOI with all requisite information in the prescribed format provided in Annexure-I of this REOI, which should reach the Office of Ch. S. S. Prasad, Chief Engineer, Andhra Pradesh Industrial Infrastructure Corporation (APIIC), APIIC Towers, Plot No-1, IT Park, Mangalagiri, Guntur (Dist), AP-522503 on or before the deadline mentioned in section 4.5 of this REOI. APIIC reserves the right to accept or reject any EOI at any stage without assigning any reasons.

thereof.

4. GUIDELINES FOR THE EXPRESSION OF INTEREST (EOI)

4.1. INTRODUCTION TO EOI

APIIC invites proposal from reputed organizations operating in food industry value chain, as Individual Applicant or as Consortium, utilization cum management of the Core Processing Centre in Megafood Park at Mallavali on long term lease basis. APIIC will provide Core Processing Centre (CPC) along with basic enabling infrastructure and required utility services to an Agency on a turnkey basis. Proposed facilities are being developed, to act as common processing facilities to the food processing units in Mega Food Park and State Food Park. Industrial units of Mega Food Park may avail these facilities on a user fee basis, which shall be collected by the Agency. The Agency is free to offer the services of CPC to any Food Processing Units outside of Mega Food Park and State Food Park as well.

4.2. ENQUIRIES AND CLARIFICATIONS

Enquiries, if any, shall be addressed to:

Ch. S. S. Prasad, Chief Engineer
Andhra Pradesh Industrial Infrastructure Corporation Limited
APIIC Towers, Plot No-1, IT Park, Mangalagiri, Guntur(Dist), AP-522503
Phone: +91-9505015007
Email: chiefengineer-ap@apiic.in

4.3. HOW TO SUBMIT EOI

- a) EOI shall be enclosed in a sealed envelope and shall be marked as “Expression of Interest for Lease of Core Processing Center (CPC) at Mega Food Park at Mallavali (M), Bapulapadu (M), Krishna (D), Andhra Pradesh”.
- b) EOI should be submitted in the format given at Annexure-I. The EOI should be accompanied with a statement of relevant financial information provided in the form of Audited Annual Financial Statements of the respondent for last three years, i.e., FY2019-20, FY2018-19, FY2017-18.
- c) Language for submission of document shall be English.
- d) Any component of the format provided in Annexure-I, which is not applicable to the respondent, should be written as “Not Applicable”.
- e) All costs incurred by respondents in connection with submission of EOI shall be borne by respondents themselves.
- f) Last date for submission of EOI is as mentioned in Section 2.4 of this REOI document.
- g) All pages of the EOI should be signed and sealed by authorized signatory of the Interested Party.
- h) APIIC reserves the right to cross check and confirm the information/ details furnished by the respondents in their EOI.
- i) All information submitted by the Interested Party through EOI will be kept strictly confidential by

APIIC and will not be shared with any other party, however, APIIC takes no responsibility of any leak of information during the process or otherwise. Interested Parties are requested to share no propriety information in their EOIs.

- j) APIIC reserves the right to use information received in the EOIs for further development of the project. Mere fact of submitting an EOI, however, shall not confer any right on the parties to preferential treatment at the subsequent selection stage.

4.4. AMENDMENTS

At any time prior to the deadline for submission of EOI, APIIC may, for any reason, whether at its own initiative or in response to clarifications requested by any Interested Party, modify the REOI document by the issuance of addendum/ corrigendum. Any addendum / corrigendum thus issued shall be part of the REOI and shall be posted on the “tenders” section of APIIC website: apiic.in → downloads → tenders (http://www.apiic.in/downloads_tenders.html). Participants desirous of getting notified of such corrigendum/ addendum through email may send a request through email to cgm.p.apiic@nic.in.

4.5. IMPORTANT TIMELINES

S. No.	Milestones	Envisaged Schedule
1	Start date for downloading the REOI	15.02.2021
2	Last date for receiving Queries/clarifications	23.02.2021
3	APIIC's responses on queries	26.02.2021
4	Last Date for submission of bids	01.03.2021 upto 3:00 PM
5	Date for Opening proposals	01.03.2020 at 4:00 PM

In order to enable APIIC meet the target dates, Interested Parties are requested to respond expeditiously to clarifications, if any, requested during the process. APIIC will adhere to the above schedule to the extent possible. APIIC, however, reserves the right to modify the same. Intimation to this effect will be posted on the Official Website:http://www.apiic.in/downloads_tenders.html.

4.6. WAY FORWARD

Based on the responses of Eois received, APIIC will use the information to finalize the project concept and other requirements so as to initiate further procedure for selection of suitable parties to whom the CPC facility shall be handed over, on long term lease basis.

4.7. SITE VISIT AND SURVEY

Interested Parties may prior to submitting their EOI, visit and inspect the CPC at Mega Food Park and its surroundings at their own expense and obtain and ascertain for themselves, at their own responsibility, all technical data, market data and any other information necessary for preparing their EOIs, inter alia, the actual nature and conditions at the site, availability of materials, stores, labour, probable sites for labour camps, etc., after taking into account the local conditions, traffic restrictions,

obstructions in work, if any, etc.

For the above purpose, APIIC will endorse Interested Parties' request for permission for a site visit. APIIC may or may not depute a representative to accompany the Interested Parties. Interested Parties shall be responsible for all arrangements and shall release and indemnify APIIC and/ or its agents from and against all liability in respect thereof and shall be responsible for any personal injury, loss of or damage to property or any other loss, damage, costs or expenses, however caused, which, but for the exercise of such permission, would not have arisen.

5. FOOD PROCESSING INDUSTRY

5.1. INDIAN FOOD PROCESING INDUSTRY

India is the world's second largest producer of food, next to China, and has the potential of being the biggest in the food and agricultural sector. In India, the food sector has emerged as a high-profit sector on the back of the scope it offers for value addition, particularly with the food processing industry getting recognized as a high-priority area. As per Government estimates, the Indian food processing industry accounts for 32 per cent of the country's total food market, 14 per cent of manufacturing GDP, 13 per cent of India's exports and 6 per cent of total industrial investment. The role of the Indian Government has been instrumental in the growth and development of the industry. The Government through the Ministry of Food Processing Industries (MoFPI) is making all efforts to encourage investments in the sector.

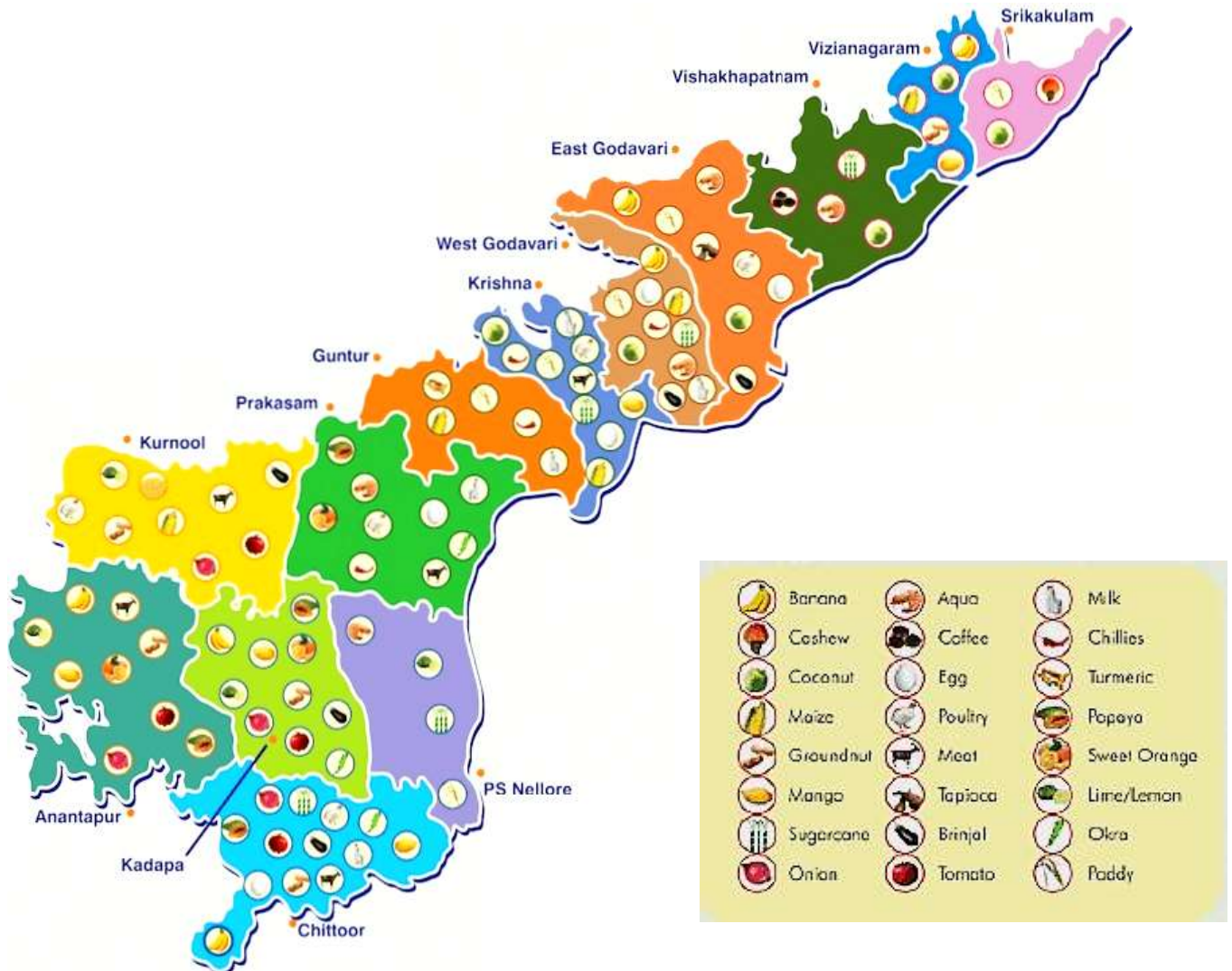
As per India Brand Equity foundation (IBEF) reports, the Indian food processing industry is reported is a USD 258 Billion (2015) and is expected to grow to USD 482 Billion by 2020. Food processing industry in India, is growing annually at close to 9 per cent, contributing to 13 per cent of the national exports and employing 60 per cent of India's working population directly or indirectly. As per the Department of Industrial Policies and Promotion (DIPP), the food processing sector in India has received around USD 8.9Billion worth of foreign investments during the period April 2000—December 2018. Recently, the Government, during the Union Budget 2014-15, has allocated Rs2,000 Crore (USD 319.98 million) as a separate fund in National Bank for Agriculture and Rural Development (NABARD) for food processing industries which may give a big boost to this sector in India.

Food Processing Industry is one of the major employment intensive segments constituting 11.13 per cent of employment generated in all registered factory sector in 2016-17. According to the latest Annual Survey of Industries (ASI) for 2016-17, the total number of persons engaged in registered food processing sector is 16.93 lakh.

5.2. ANDHRA PRADESH'S POSITION IN INDIA'S FOOD PRODUCTION

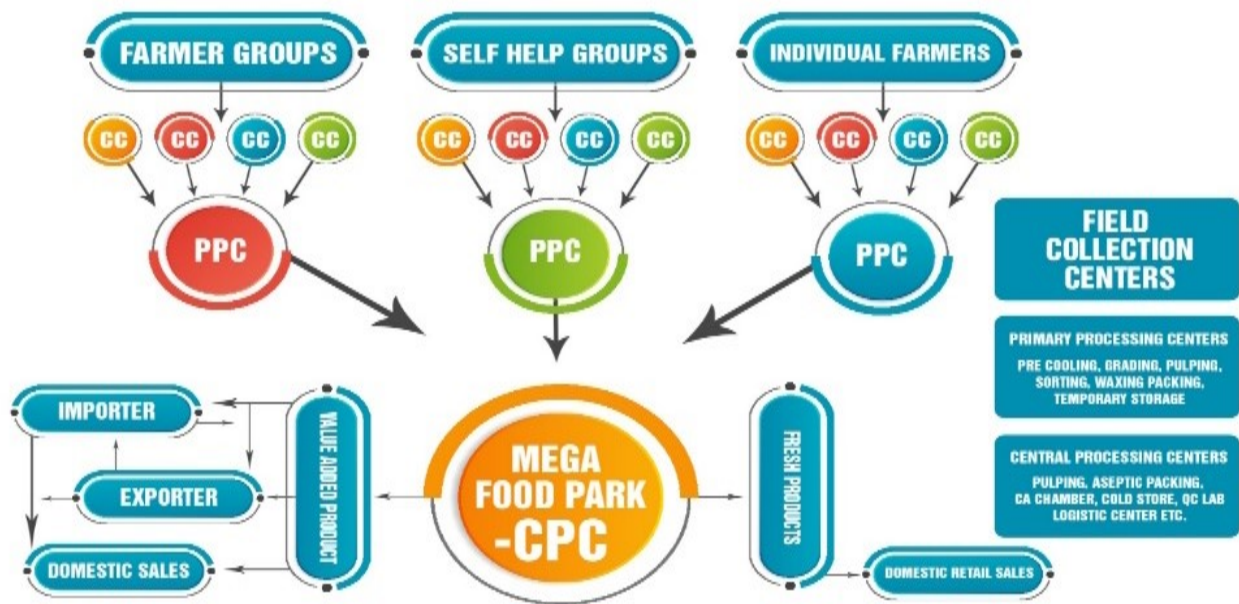
- Largest producer of fruit in India (1.63 Million Tones per annum)
- 5 Agro Climatic Zones
- Large and diverse raw material base suitable for Food processing Industries
- Huge scientific and research talent pool with 70% literacy rate, 58 Agricultural and Horticultural research stations
- 4 NABL labs, 2 MPEDA labs and 1 Spices Board Lab
- Strategic geographic location with 980 km of Coastline, 5 sea ports, 1 inland container depot, 6 Airports including 2 International Airport operating

- Largest exporter of processed Aqua products
 - Largest producer of spices, Mango, Papaya, Citrus, Lime, Tomato and Ladies finger
 - One of the leading producer of Coconut, Banana, Guava, Pomegranate and Sugarcane
 - No. 1 state in the country in Ease of Doing Business
- For further details please refer Annexure -II



5.3. CONCEPT OF MEGA FOOD PARK

Four Primary Processing Centres are spread out in 4 nearby districts where fruits and vegetables shall be collected and pre-processed, then brought to the Mega Food Park location, i.e., at the Core Processing Centre. The Core Processing Centre is basically a common facility area for the Food Park where standard food processing capabilities shall be provided at user charge basis to the units of the Food Parks. This reduces the capital expenditure of the Food Processing Units by a large amount. In addition to the Mega Food Park, APIIC is also developing a State Food Park adjacent to the Mega Food Park so that more number of units can take advantage of the Core Processing Centre.



6.1 PROJECT LOCATION AND AREA DETAILS

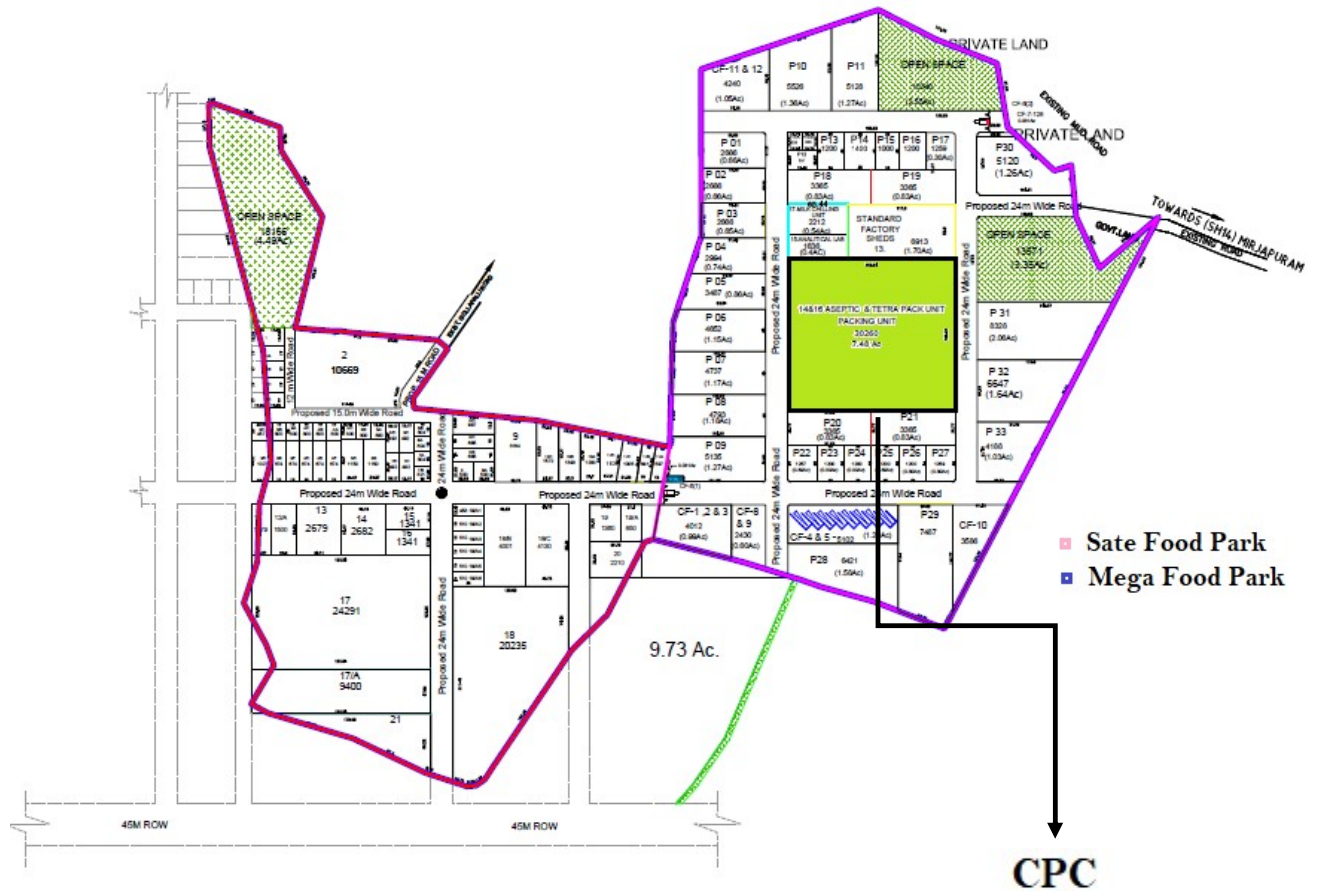
APIIC Mega FoodPark is located at Mallavalli (V), Bapulapada (M), Krishna (D), which is at a distance of 50 kms from the capital city of Amaravati. Bangalore, Hyderabad and Vishakhapatnam fall within a radius of 300 Kms from the project site.



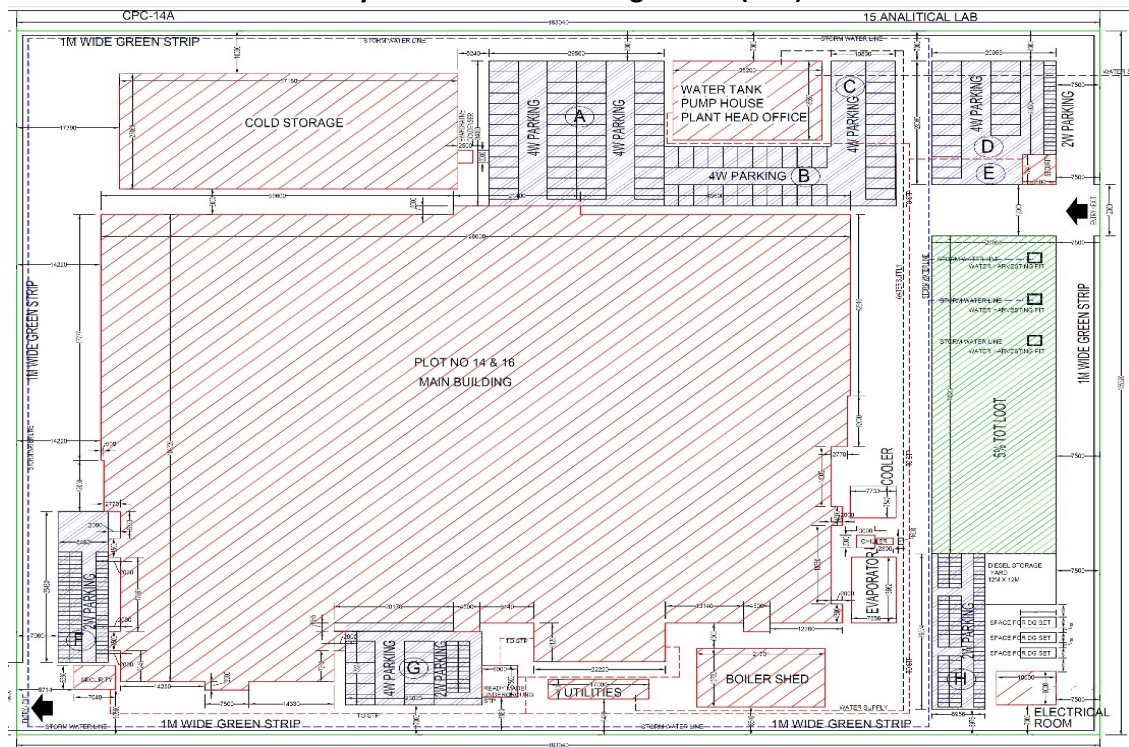
Mode	Distance from project site
ROAD	9 km to NH-5 (Chennai-Kolkata)
RAIL	13 km from Nuzvid Railway Station
SEA	78 km from Machilipatnam Port; 190 km from Kakinada Deepwater Port & Kakinada Anchorage Port
AIR	26 km from Vijayawada Airport



6.2 LAYOUT OF APIIC MEGA FOOD PARK & STATE FOOD PARK



Layout of Core Processing Centre (CPC):



Components	Mega Food Park	State Food Park	Total
Developed area	57.45 acre	42.55 acre	100.00 acre
Plotted area	27.53 acre	31.41 acre	58.94 acre
Number of Plots	33 plots	21 plots	54 plots
Potential MSME units (Plug and play Facility)	1.70 acres (6 plots)	-	-

6.3 BRIEF ON CORE PROCESSING CENTRE (CPC) AT MALLAVALI, KRISHNA DISTRICT

Sl.No.	Facility	Capacity	Product Mix
1	Aseptic Pulping Line	Up to 6 tons/hour fresh tomato, Up to 10 ton/hour fresh mango, Up to 5 ton/hour fresh papaya, Up to 6 ton/hour fresh guava, Up to 4 ton/hour fresh banana	Fruit pulp, puree, pulp concentrate with feeding capacity
2	Fully automatic Aseptic brick carton filling and packing line	200 ml (7500 slim packs per hour with straw applicator)	Puree, Juiceproducts coconut water etc. The facility should cater High Acid & Low Acid Products.
3	Warehouse	4000 MT	All raw material (Maize, rice etc.) and finished products.
4	Cold Store	3000 MT	Fruits and Vegetables, Spices, and Aseptic Pulp
5	ECRC Ripening Chambers with crates and conveyor system for fruit transfer	960 MT (8 nos.x 120)	For Mango, Tomato, Banana etc.
6	Packing Unit for powders and granules	Packing of products in packs of 100 gram to 2kg. Capacity of line -Small packs 50-70 packs per minutes / large packs 25-30 packs per minute	Spice, Pulses, Rice etc
7	Civil Work and Building (including PEB) of above components	<ul style="list-style-type: none"> ▪ Analytical Lab ▪ DG Set ▪ Compound Wall, ▪ Office Building ▪ Pump and Security Room, ▪ Electrical Panel Room, ▪ Utility RCC Structure And 	

Sl.No.	Facility	Capacity	Product Mix
		<ul style="list-style-type: none"> ▪ RO/Softener / Compressor ▪ Outer Road, Parking areaCooling Tower and Piping Work 	

6.4 BROAD SCOPE OF WORK

- The Agency shall be authorized to utilize the Facility and to exercise and/ or enjoy the rights, powers, privileges and, any entitlements that shall be set forth in the Lease Deed. The period of grant of Lease shall be 3 (Three) years.
- The Agency may coordinate with the Food Processing Units in Mega Food Park and State Food Park, or any other units situated elsewhere to provide services to those units and collect appropriate charges for the same.
- The Agency shall be responsible for required repair and maintenance of the CPC
- In case if the contract period is not extended as per mutual decision, at the end of contract period, the Agency shall handover the CPC to APIIC in prime condition.
- The Agency will adhere to all Terms and Condition of the agreement entered with APIIC.

7. ANNEXURE-I


























APPLICATION FOR INVITING EXPRESSION OF INTEREST FROM FIRMS FOR UNDERTAKING O&M OF CORE FACILITIES IN MEGAFOOD PARK, MALLAVALI

























NOTE: In case of Consortium, please submit the below details for each firm separately

Individual Applicant/ Consortium				
Name of the Firm (s)				
Address for Communication				
Contact Person (s)				
Company Registration Number (CIN) & Date of Registration				
Status of the firm Central Govt. Undertaking/ State Govt. Undertaking/ State Industrial Govt. Corp./ Cooperative Undertaking/ Joint Sector Undertaking/ Private Sector Undertaking/ Individual Promoter/ Foreign/ NRI/ OCB Company/ Foreign/ NRI individual/ Partnership Firm/ Any other (please specify)				
Business Details <i>(Please attach a write-up on core operation of your business along with information on production capacity, storage capacity, capacity utilization, as applicable)</i>				
Financials of the Firm <i>(Please attach the copies of the Audited Annual Financial Statements of the applicant for last three years)</i>	(Amount in Rs. Lacs)			
	Parameter	FY2017-18	FY2018-19	FY2019-20
	Turnover			
	Net Worth			
Experience in O&M of similar facilities and any other experience in food Sector <i>(Please attach a write-up on your interest and approach for the</i>				

8. ANNEXURE-II FOOD PRODUCE AND PROCESSING INDUSTRY IN ANDHRA PRADESH

Production of Agricultural, Horticultural & Non-Horticultural Produce in AP – 2017-18

Crop / Component		Area (in '000' Ha)	Production (in '000' MTS.)
Horticultural Produce			
	Mango	337.57	4726.1
	Banana	84.5	4605.4
	Papaya	16.7	1654.52
	Sweet Orange	82.91	2056.88
	Lime/Lemon	36.207	576.37
	Guava	7.63	286.94
	Pomegranate	8.94	134.02
	Pine Apple	4.39	68.63
	Sapota	10.93	147.5
	Custurd Apple	1.71	15.02
	Jackfruit	0.47	16.59
	Water Melon	9.77	285.04
	Musk Melon	8.95	292.97
	Amla	0.683	12.54
	Coconut	115.21	1485.2
			Million Nuts
	Cashew	113.27	126.38
	Oil Palm	161.48	3051.53
	Coffee	63.21	12.01
	Tomato	61.57	2487.48
	Okra	15.97	267.15
	Brinjal	17.02	499.41
	Onion	43.87	1078.22
	Beans	14.57	227.79
	Carrot	2.01	40.22
	Cucumber	4.18	102.15

Crop / Component		Area (in '000' Ha)	Production (in '000' MTS.)
	Yam	4.17	25.04
	Tapioca	14.2	269.25
	Sweet Potato	0.66	13.83
	Chillies	190.43	1155.27
	Turmeric	27.58	294.22
	Ginger	2.34	21.1
	Coriander	13.36	26.72
	Tamarind	6.24	68.8
Agricultural Produce			
	Paddy	2218	12691.4
	Groundnut	734.5	1047.7
	Maize	336.5	2325.9
	Sugarcane	104.21	8285
	Jowar (Sorghum)	139.6	335.5
	Bajra (Pearl Millet)	43.3	82.9
	Ragi (Finger Millet)	34.4	43.9
	Green Gram	139.5	92.2
	Black Gram	403.2	371
	Red Gram	275	116.6
	Bengal Gram	520	589
Non Horticultural Produce			
	Egg	-	17777.6 (Million Nos.)
	Meat	-	708.73
	Milk	-	13725
	Shrimp	-	546.68
	Fish	-	1454.8

SRIKAKULAM

Do you know ?

Palasa Is
renowned Cashew
Processing
Industries
Cluster in India



Andhra Pradesh



● District HQ ■ Major Town

At a Glance

- Total Geographical Area: 5,837 square kilometers (2,254 sq miles) or (583700 Ha)
- Coastline: 193 km-longest in Andhra Pradesh
- Gross cropped area: 4,50,000 Ha
- Rivers: Nagavali, Vamsadhara



MAJOR CROPS PRODUCTION (IN MILLION MTS.)



CASHEW
0.028



PADDY
0.18



COCONUT
207.0
MILLION No. OF NUTS



PINEAPPLE
0.049



SHRIMP
0.008



FISH
0.052



NH - 16



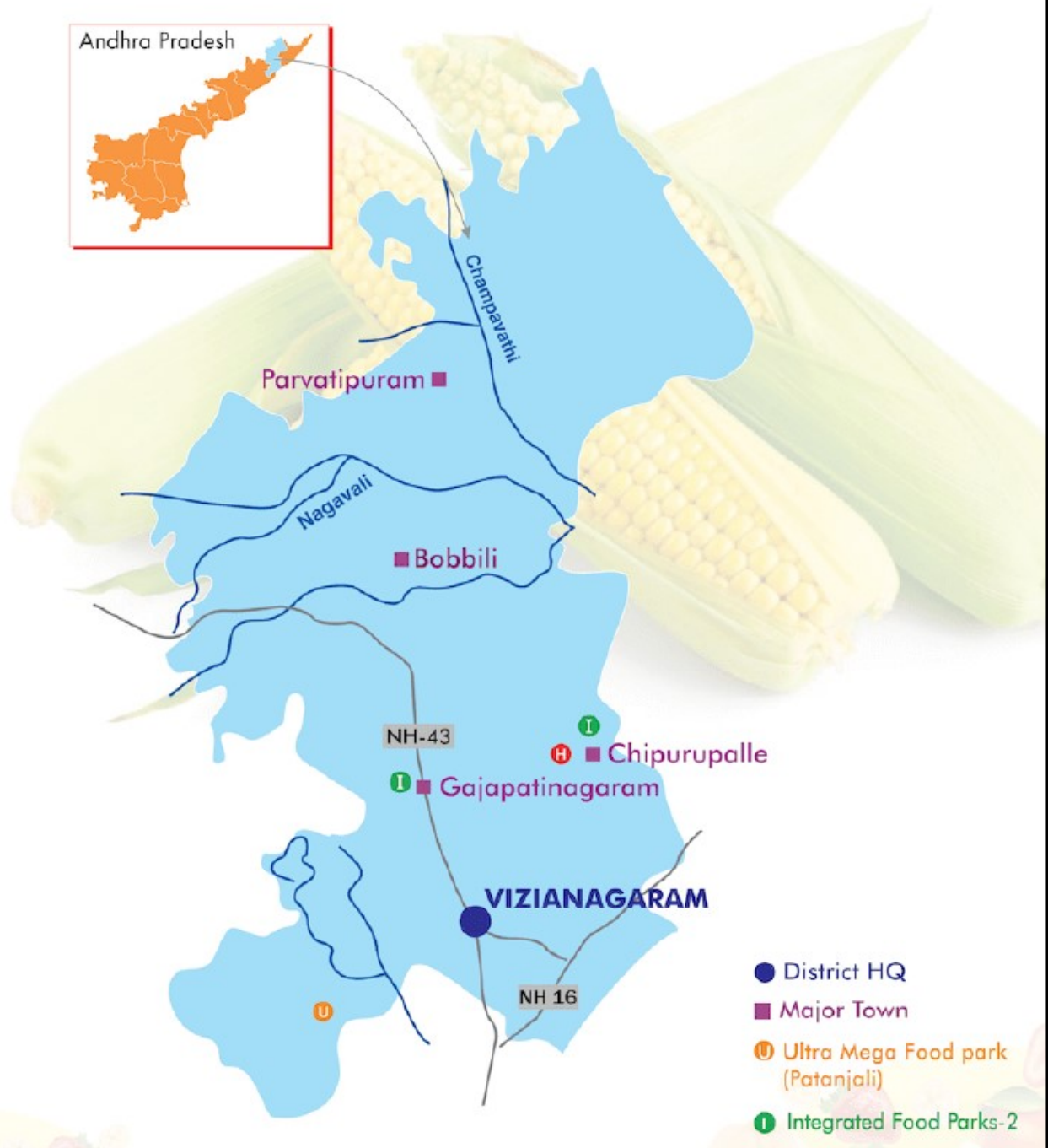
Sea Ports
Bhavanpadu
Kalingapatnam



Agri. Research Stations
Ragolu & Amudalavalasa

KVK
Amudalavalasa

VIZIANAGARAM



At a Glance

- Total Geographical Area: 6,539 square kilometers (2,525 sq miles) or (653900 Ha)
- Coastline: 28 km
- Gross cropped area: 3,72,000 Ha
- Rivers: Nagavali Gosthani, Champavathi, Vegavathi Gomukhi



MAJOR CROPS PRODUCTION (IN MILLION MTS.)



BANANA
0.61



MAIZE
0.25



MANGO
0.54



SUGARCANE
0.80



COCONUT
49.1
(MILLION NO. NUTS)



MILLETS
0.0035



NH - 16 & 43



Agri. Research Station
Vizianagaram

KVK
Rastakuntabai.

VISAKHAPATNAM



At a Glance

- Total Geographical Area: 11,161 square kilometers (4,309 sq mi) or (11,161,00 Ha)
- Coastline: 132 km
- Gross cropped area: 3,40,000 Ha
- Rivers: Thandava, Varaha and Sarada



MAJOR CROPS PRODUCTION (IN MILLION MTS.)



SUGARCANE
1.8



COFFEE
0.012



COCONUT
75.0
MILLION No. OF NUTS



GINGER
0.018



SHRIMP
0.016



FISH
0.058



NH - 16



Air Port:
Visakhapatnam



Sea Ports
Visakhapatnam (Major)
Gangavaram



Agri. Research Station
Anakapalle
Sugarcane Research Station
Anakapalle
Horticultural Research Station
Chintapalli
KVK
Yelamanchili

EAST GODAVARI



- District HQ
- Major Town
- Ⓢ Multi Product SEZ



At a Glance

- Total Geographical Area: 12,810 square kilometers (4,946 sq miles) or (12,81,000Ha)
- Coastline: 100 km
- Gross cropped area: 6,66,000 Ha
- Rivers: Godavari, Pampa, Thandava, Yeleru



MAJOR CROPS PRODUCTION (IN MILLION MTS.)



BANANA
0.74



COCONUT
724.7
MILLION No. OF NUTS



TAPIOCA
0.25



MAIZE
0.11



CASHEW
0.033



SHRIMP
0.060



FISH
0.10



POULTRY
0.04
MILLIONS NOS.



EGGS
5641
MILLIONS NOS.



NH - 16 & 214



Air Port:
Rajahmundry

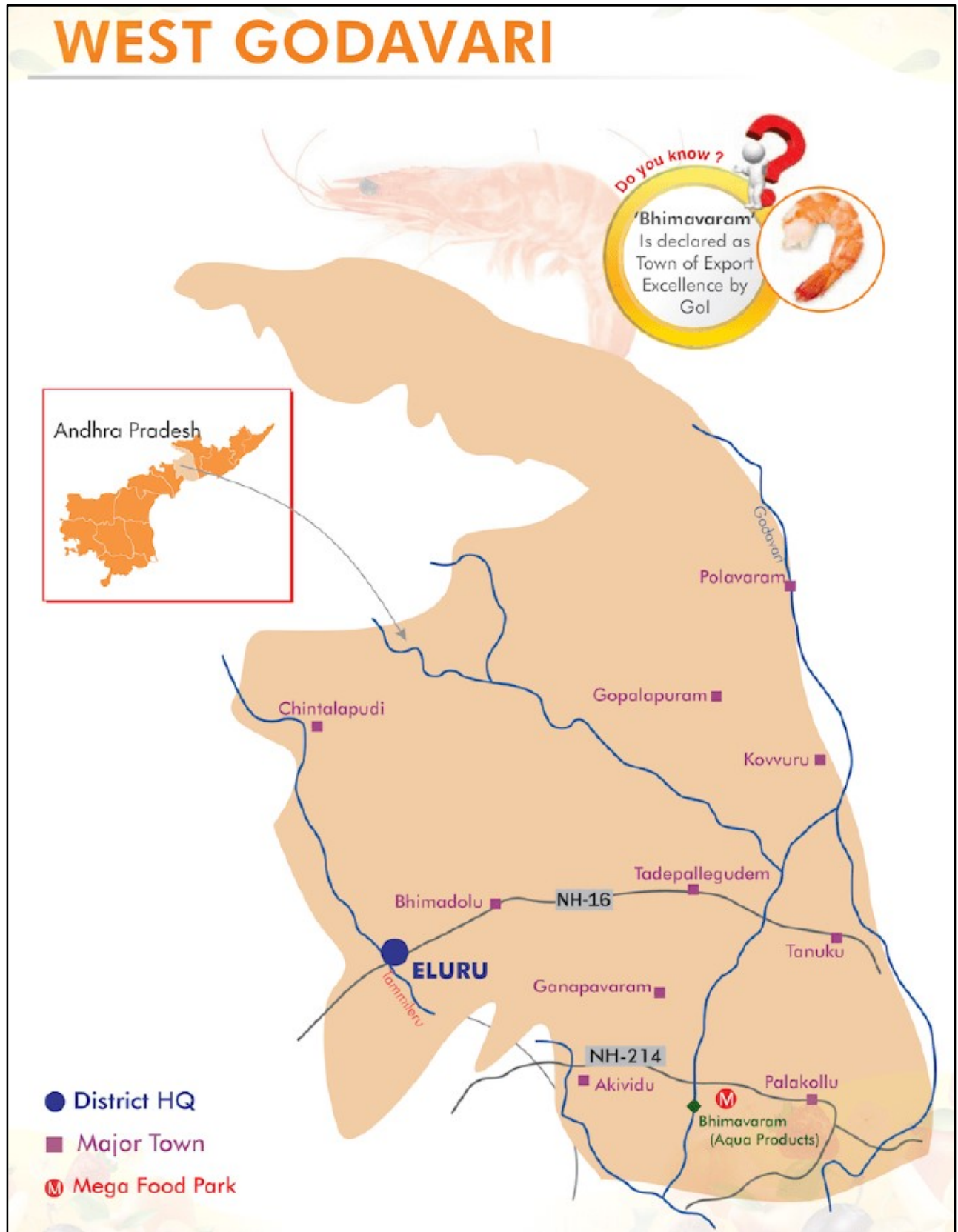


Sea Ports
Kakinada Anchorage Port
Kakinada Deep Water Port, Rawa Port



Agri. Research Station
Peddapuram
Horti. Research Stations
Peddapuram & Pandirimamidi
Oil Palm Research Station
Ambajipeta
Krishi Vigyan Kendras (KVKs)
Kalavalcherla & Pandirimamidi.

WEST GODAVARI



At a Glance

- Total Geographical Area: 8,510 square kilometers (3,286 sq mi) or (8,51,000Ha)
- Coastline: 100 km
- Gross cropped area: 6,97,000 Ha
- River: Godavari



MAJOR CROPS PRODUCTION (IN MILLION MTS.)



BANANA
0.84



COCOA
0.012



YAM
0.0037



PADDY
2.5



SUGARCANE
0.85



EGGS
3410.5
MILLIONS NOS.



SHRIMP
0.15



COCONUT
321.3

MILLION No. OF NUTS



LEMON
0.08



MILK
1.2



MAIZE
0.42



FISH
0.48



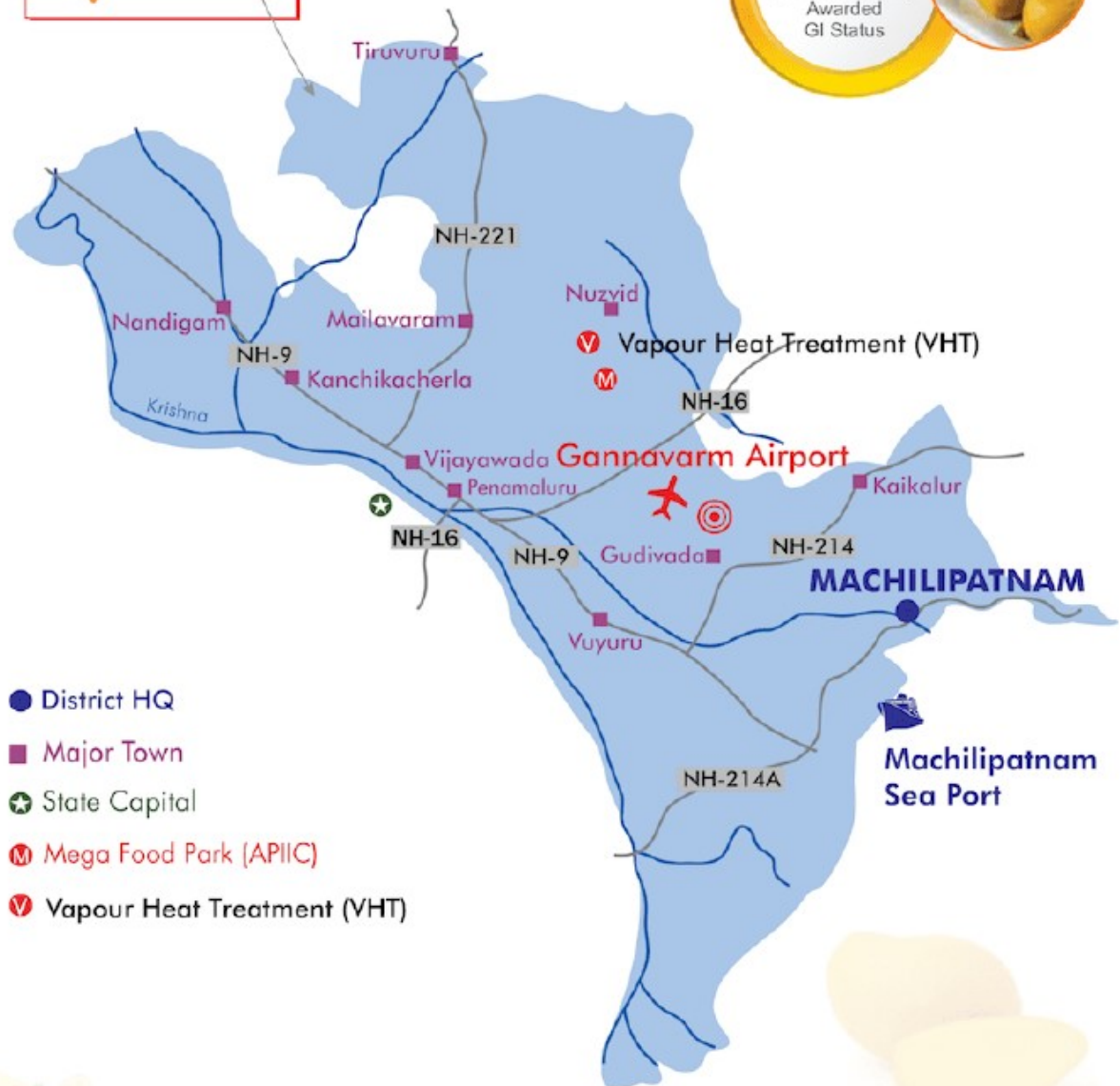
**NH - 16,
9,221,214 & 214A**



Horticulture University
TP Gudem
Agri. Research Stations
Maryeru
Pilla & Vijayarai
Horti. Research Station & KVK
Vijayarai, Undi,
Venkataramannagudem.

- **NABL lab**, Bhimavaram
- **NIT Tadepalligudem**
- **Indian Institute of oil palm research**
Pedavegi
- **MPEDA** Quality control lab,
Bhimavaram

KRISHNA



At a Glance

- Total Geographical Area: 8,727 square kilometers (3,370 sq mi) or (8,72,700Ha).
- Coastline: 123km
- Gross cropped area: 6,49,000 Ha
- River: Krishna



MAJOR CROPS PRODUCTION (IN MILLION MTS.)



MANGO
0.81



CHILLI
0.81



TOMATO
0.03



PADDY
1.50



SUGARCANE
0.94



EGGS
2731.9
MILLIONS NOS.



SHRIMP
0.19



GUAVA
0.09



MILLETS
0.005



MILK
1.5



POULTRY
0.038



MEAT
0.08



MAIZE
0.19



FISH
0.50



NH - 16, 9,221,
& 214, 214A



Air Port:
Gannavaram



Sea Port
Machilipatnam



Agri. Research Stations
Garikapadu, Machilipatnam
Vuyyuru & Ghantasala
Mango Research Station
Nuziveedu

GUNTUR



- District HQ
- Major Town
- ◆ Spices Park

At a Glance

- Total Geographical Area: 11,391 square kilometers (4,398 sq mi) or (11, 39,100 Ha).
- Coastline: 64km
- Gross cropped area: 7,69,000 Ha
- River: Krishna



MAJOR CROPS PRODUCTION (IN MILLION MTS.)



CHILLI
0.50



PADDY
1.27



MAIZE
0.62



LEMON
0.038



TURMERIC
0.06



FISH
0.048



SHRIMP
0.031



MILK
1.44



BANANA
0.29



**NH - 16 &
214A**



Agriculture University
Guntur

Agri. Research Stations
Lam, Amaravathi
Horti. Research Station

Cashew Research Station
Bapatla

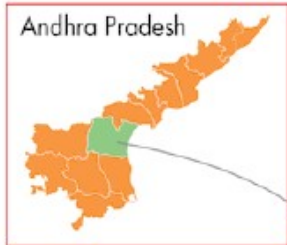
Krishi Vigyan Kendras (KVKs)
Lam, Kavuru & Cherukupalli.

* Quality evaluation lab,
spices board Guntur

* College of Food science &
Technology (CFST), Bapatla

*NABL Lab (ITC), Guntur

PRAKASAM



At a Glance

- Total Geographical Area: 17,626 square kilometers (6,805 sq mi) or (17, 62,600Ha).
- Coastline: 169km
- Gross cropped area: 5,55,000 Ha
- Rivers: Musi, Paleru, Manneru, Gundlakamma



MAJOR CROPS PRODUCTION (IN MILLION MTS.)



PAPAYA
0.108



CHILLI
0.33



SAPOTA
0.03



SWEET ORANGE
0.20



LEMON
0.049



EGGS
265.7
MILLIONS NOS.



SHRIMP
0.024



CUCUMBER
0.026



MILK
1.42



POULTRY
0.026



MEAT
0.079



FISH
0.038



NH - 16 & 214 A



Sea Port
Vodarevu

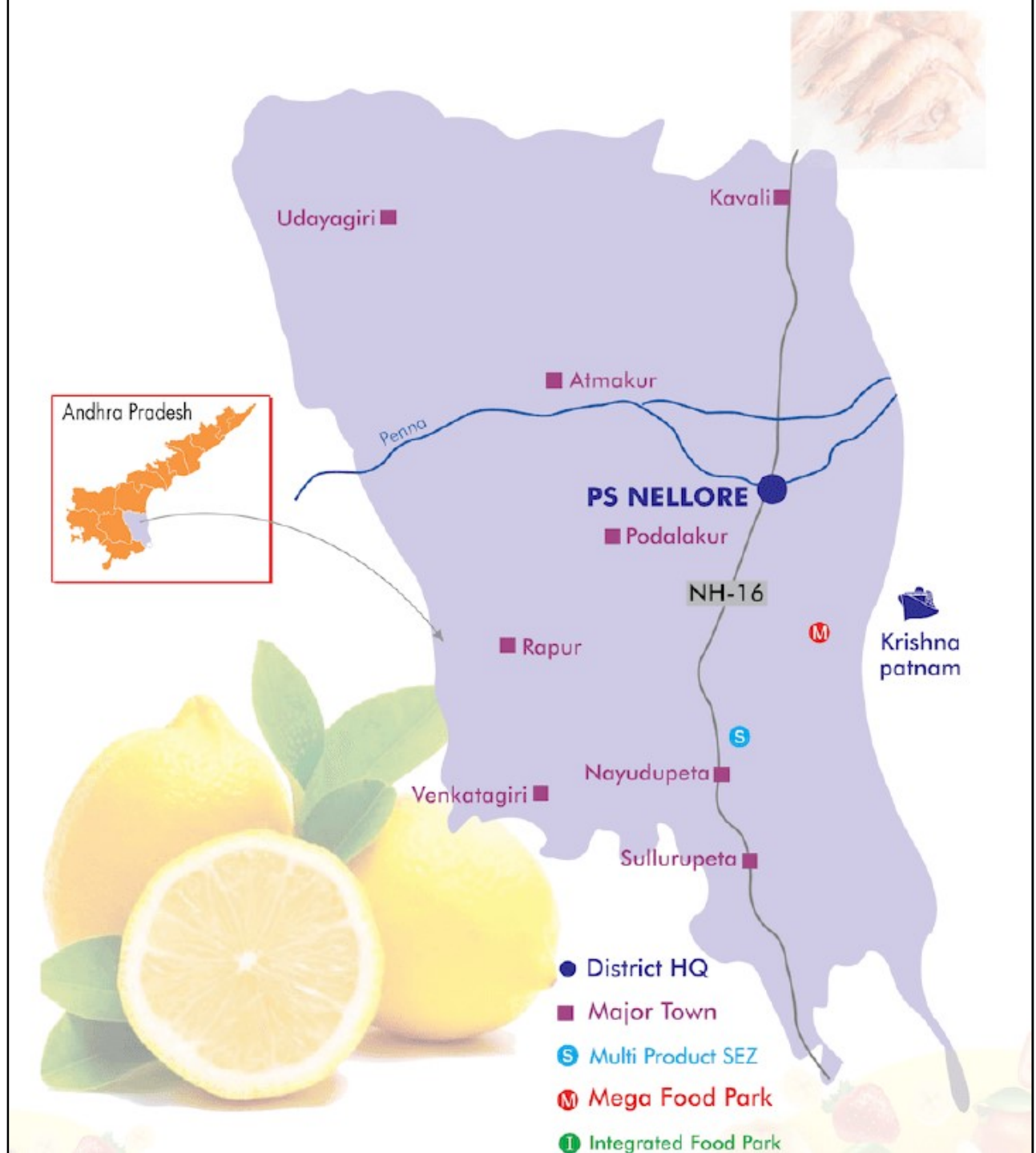


Agri. Research Station
Darsi

Horti. Research Station
Darsi

Krishi Vigyan Kendras (KVKs)
Darsi & Kandukur.

PS NELLORE



At a Glance

- Total Geographical Area: 13,080 square kilometers (4,007 sq mi) or (1308000 Ha)
- Coastline: 163 km
- Gross cropped area: 3,60,000 Ha
- Rivers: Penna, Swarnamukhi



MAJOR CROPS PRODUCTION (IN MILLION MTS.)



LEMON
0.28



SWEET ORANGE
0.042



MANGO
0.13



SUGARCANE
0.09



PADDY
1.55



SHRIMP
0.054



FISH
0.12



NH - 16 & 214 A



Sea Port
Krishnapatnam



Agri. Research Stations
Kavali, Podalakuru & Nellore

Citrus Research Station
Pettluru

Krishi Vigyan Kendra (KVK)
Nellore

MPEDA Quality Control Lab, Nellore
NABL Lab

KURNOOL

Andhra Pradesh



Do you know ?

"Banaganapalli
Mango"

Native of Andhra
Pradesh also called
Benishan, the spotless
mango, is one of the
finest mango varieties
in the world



At a Glance

- Total Geographical Area: 17,658 square kilometers (6,818 sq mi) or (17, 65,800Ha).
- Gross cropped area: 9,53,000 Ha
- Rivers: Krishna, Tungabhadra, Penna



MAJOR CROPS PRODUCTION (IN MILLION MTS.)



MAIZE
0.28



TOMATO
0.13



BANANA
0.185



ONION
0.79



SWEET ORANGE
0.05



LEMON
0.008



GROUNDNUT
0.125



MEAT
0.089



POULTRY
0.02



BRINJAL
0.038



MILLETS
0.120



NH - 44 & 40



Agri. Research Stations
Noonepalli & Nandyala

Horti. Research station
Mahanandi

Krishi Vigyan Kendras (KVKs)
Banaganapalli
& Yemmiganur.

KADAPA



At a Glance

- Total Geographical Area: 15,360 square kilometers (5,930 sq mi) or (15,36,000Ha).
- Gross cropped area: 3,71,000 Ha
- Rivers: Penna



MAJOR CROPS PRODUCTION (IN MILLION MTS.)



MANGO
0.34



PAPAYA
0.49



BANANA
0.834



ONION
0.11



SWEET ORANGE
0.39



LEMON
0.059



GROUNDNUT
0.071



TOMATO
6.28



OKRA
0.009



BRINJAL
0.027



NH-40



Air Port:
Kadapa



College of Food Science & Technology
Pulivendla

Agri. Research Station
Urukur

Horti. College & Research Station
Anantarajupeta

CHITTOOR



● District HQ Ⓢ Multi Product SEZ

■ Major Town

Ⓥ Vapour Heat Treatment

Ⓢ Integrated food parks -2

Ⓢ Irradiation

Ⓜ Mega Food Park



At a Glance

- Total Geographical Area : 15,150 square kilometers (5,849 sq mi) or (15.15,000Ha).
- Gross cropped area: 4,21,000 Ha
- Rivers: Ponnai and Swarnamukhi.



MAJOR CROPS PRODUCTION (IN MILLION MTS.)



MANGO
1.39



PAPAYA
0.28



TOMATO
13.85



PADDY
1.13



SUGARCANE
1.73



EGGS
1277
MILLIONS NOS.



WATER
MELON
0.077



GROUNDNUT
0.29



OKRA
0.035



MILK
1.62



POULTRY
0.04



MEAT
0.078



ONION
0.014



TAMARIND
0.03



BANANA
0.12



NH - 40 & 16



Air Port:
Tirupathi



Veterinary University
Tirupathi
**Agricultural College &
Research Station**
Tirupathi

Citrus Research Station
Tirupathi

Krishi Vigyan Kendras (KVKs)
Karakambadi & Kolikiri

IIT
Tirupathi
JNTUA
College of Engineering,
Department of Food Technology

ANANTAPUR



● District HQ ■ Major Town

At a Glance

- Total Geographical Area: 19,130 square kilometers (7,390 sq mi) Vor (19, 13,000Ha).
- Gross cropped area: 8,42,000 Ha
- Rivers: Penna, Vedavathi



MAJOR CROPS PRODUCTION (IN MILLION MTS.)



MANGO
0.62



PAPAYA
0.36



TOMATO
0.46



SWEET
ORANGE
1.2



ONION
0.12



WATER
MELON
0.13



GROUNDNUT
0.45



POMEGRANATE
0.09



MUSK MELON
0.064



BANANA
0.61



MEAT
0.057



MILLETS
0.029



NH - 44



Air Port:
Puttaparthi



Agri. Engineering College
Madakasira
Agri. Research Stations
Kadiri, Reddipalli
& Anantapur
Horticultural Research Station
Anantapur

KVK
Kalyanadurgam
& Bukkarayasamudram.
Atal Incubation center
SKU Anantapur