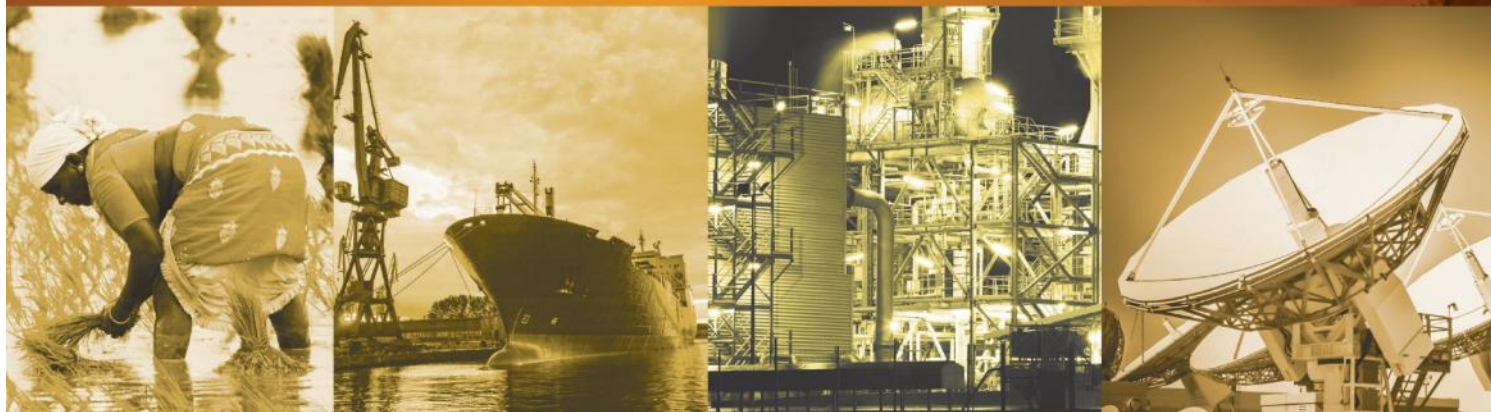




Government of Andhra Pradesh

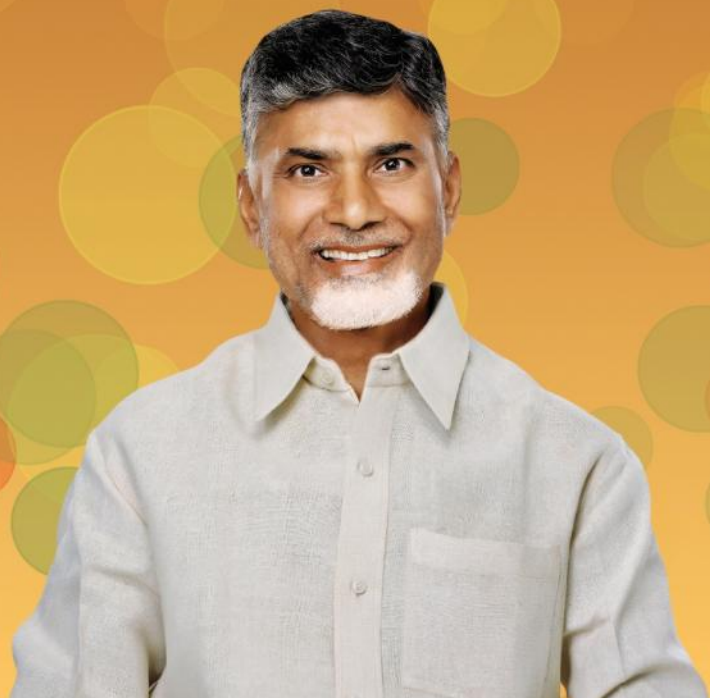
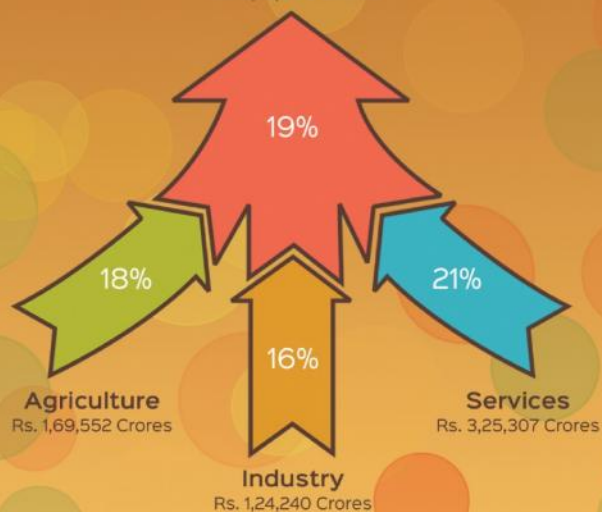


Achieving Double Digit Inclusive Growth

- A Rolling Plan 2015-16

2015-16 GSDP Target
(At Current Prices)

Rs. 6,19,009 Crores



A Ready Reckoner

FOREWORD

The new State of Andhra Pradesh is currently placed at a defining moment in history. We are now charting our future course of action to spin the wheels of development.

Moving away from the “business as usual approach”, we have initiated an intensive “mission-mode” approach that will speed up the growth process. We realize that, as we move along, every step of ours is going to lay strong foundation in scripting the growth story of Sunrise Andhra Pradesh.

Despite facing adverse economic impact of bifurcation, we have now embarked on a journey to leverage our strengths, skilled human resources and long-term potential, to achieve an inclusive and sustainable socio-economic development for the citizens of this state. As a result of our unstinted inclusive development efforts, the State could register an encouraging growth rate of 8.4% (tentatively estimated with base year as 2011-12).

We are committed to make Andhra Pradesh one of the three top performing states in India by 2022 - our 75th year of Independence. By 2029, we want to be the best state in the country and by 2050, our state would be the best destination in the world. To achieve our goals, we have put together 7 Missions, 5 Grids and embarked on 5 campaigns. These are the three pillars of the new edifice that we are building.

As part of our inclusive growth strategy, our prime focus is the agriculture sector linked with improvement in soil fertility, better seed, reducing the cost of cultivation, productivity enhancement and value addition in the agriculture, horticulture, livestock and fisheries sub sectors. We can observe a structural change – labour force shifting from agriculture to non-farm and service sectors. Necessary skilling needs to be done to improve productivity of the abundant labour force.

While focusing on the economic development, we are equally conscious of the social sector development. Reducing, IMR, MMR, anemia among women and malnutrition, improving literacy and achieving global standards in these parameters continues to be our goal.

Our Vision includes creating anecosystem that includes everything – right from farmer’s gate to consumer’s plate, an education system that makes students industry-ready and opens a world of diverse career opportunities; an e-Governance system where we leverage the power of IT to lead and transform citizen services; a social empowerment system that encourages rural entrepreneurship; and an ecosystem that is sustainable, inclusive and smart. Through participatory initiatives inducing behavioral change like ‘Smart Village and Smart Ward for Smart Andhra Pradesh’, every village and municipal ward in the state would become smart and over time. All decisions will be transparent and technology oriented. Innovation of new ideas and concepts for increasing happiness will be the core agenda.

I foresee a bright future for the Sunrise State of Andhra Pradesh where our economic growth should be driven by entrepreneurship, continuous economic diversification, growing trade relations, industrial thrust and technological innovation.

This ambitious vision calls for an urgent need to identify growth engines. Given the resource base and astute leadership, Andhra Pradesh can do better than the conventional 6% to 7% growth achievements and if it is to create sufficient jobs for its rapidly growing workforce, and meaningfully reduce poverty, the government believes that there is a need to deliver GSDP growth in excess of 10%. Thus, Double Digit growth, becomes critically imperative through which we begin working towards our goals. Achievement of double digit growth is not a new phenomenon. Several countries have achieved this feat on a sustainable basis and have successfully managed to keep the poverty at highly acceptable levels.

The Double Digit Growth Plan will guide our macro-economic vision and define the policy, programme and implementation interventions across sectors and regions in the State. It will also address long-term priorities and short-term actions. Through this book, we attempt to highlight the key initiatives and approaches that our government is working on.

Andhra Pradesh has unveiled 'Double Digit Growth Action Plan' to achieve the status of a developed economy with per capita income likely to touch Rs. 6.62 lakh by 2029-30, if the economy grows consistently at the 10% level and in the event of growth rates crossing this critical threshold, the per capita income may even cross the Rs. 8.00 lakh mark.

We have a robust monitoring and evaluation framework to assess and gauge the progress made with respect to Key Performance Indicators (KPIs).

The present document – 'Achieving Double Digit Inclusive Growth – a Rolling Plan for 2015-16' will guide our macro-economic vision and define the policy, programme and implementation interventions across sectors and regions in the State. It will attempt to address long-term priorities and short-term actions. Through this book, we attempt to highlight the key initiatives and approaches that our government is working on with district-specific growth propelling possibilities.

We are open to feedback. We believe that your feedback will be valuable and will help us sharpen our Vision and steer us in the right direction for a brighter, healthier, happier and a prosperous Andhra Pradesh.

Nara Chandrababu Naidu
Chief Minister, Andhra Pradesh

PROLOGUE

The new State of Andhra Pradesh, during the last one year has been relentlessly striving to achieve multidimensional growth. In the process, various sector specific and district specific growth engines that are expected to push the growth momentum forward and lay solid foundation for achieving double digit inclusive growth have been identified.

When the World is moving ahead from the Eight Millennium Development Goals to Seventeen Sustainable Development Goals, it's time we move with this global transformation initiative. In this ready reckoner entitled 'Achieving double digit inclusive growth – A Rolling Plan for 2015-16, specific action plans have been indicated for each of the 13 districts in the State. The district administration, as an essential growth driver, has to implement these plans, duly making changes, where ever necessary. The most important component in achieving double digit inclusive growth is to properly tap the financial resources available in the district and make use of the priority sector credit plan of about Rs. 5,000 crore available per district, especially for the MSMEs, Primary Sector activities and the SHGs.

Some of the key issues that require focus and specific interventions include: Productivity enhancement in district specific predominant crops, productivity enhancement in existing micro-irrigation systems through fertigation coupled with soil tested addition of micro nutrients; tapping full potential of Milk and Dairy sector, A Fodder policy that focuses on supply of fodder seed for additional Green Fodder Production and raising additional Maize crop, Revival of shrimp culture area, capacity building of aqua farmers, leveraging the strength of 8.7 million SHG members in the state and infrastructure development with special reference to Port-led growth.

While focusing on the economic development, we are equally conscious of the social sector development leading to greater inclusiveness. Reducing, IMR, MMR, anaemia among women and malnutrition, improving literacy and achieving global standards in these parameters continues to be our goal. Our conscious efforts shall be towards ensuring that poverty – both rural and urban gets reduced to minimum levels and the benefits and fruits of development reach the deserving and most needy. It needs to be borne in mind that the broad vision of the district administration towards poverty and vulnerability includes elimination of poverty and thereby reduce all forms of inequality, equity-based availability and access to social infrastructure and empowering people through decentralised governance and effective service delivery.

In order to bring in clarity both in thought as well as in action, separate chapters have been earmarked for each district duly emphasizing its strengths and the way forward for achieving double digit inclusive growth. This Rolling Plan is a maiden endeavour in this direction and gets

firmed up as we go along. The document will continue to remain a draft till such time the strategies and action plans are fully fine tuned. The process will eventually lead to a definite roadmap for expanding the growth horizons and thereby achieving double digit growth in the next 15 years on a sustainable basis.

An evolving exercise of this sort calls for monitoring and review at various levels to assess and gauge the progress made with respect to Key Performance Indicators (KPIs). We are embarking on a robust online monitoring and evaluation framework to serve this purpose.

The Planning Department has been coordinating with all the departments and stakeholders in the State to arrive at a comprehensive overarching growth strategy in line with the objectives being envisaged under Vision 2029. While the districts have been instrumental in preparing this year's reckoner, necessary capacity building of functionaries at state and district level will be facilitated next year by reputed organizations such as ISB so as to make them technically more competent.

I would like to place on record the unstinted support and cooperation extended by the departments while working with the team of officers and professionals in the Planning Department in bringing out this publication. Without their wholehearted cooperation, it would not be possible to undertake and successfully complete tasks of this kind. We solicit such an esteemed cooperation in our similar future development endeavours as well. Mr Sarin, Mr Sambasiva Rao Pokuri, Mr Chetan and Mr Narasimha Reddy, Sri D.Dakshina Murthy, Smt. Pratima, Sri A.Kali Prasad, Sri D.V.V.Sitapathi Rao and other officers truly deserve special commendation for their efforts.

S.P. Tucker
Special Chief Secretary
Planning Department

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Part –I

**ECONOMIC PROFILE OF
ANDHRA PRADESH**

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1. Introduction

Andhra Pradesh is envisaging a big structural transformation – both in terms of economic progress and well-being as well. From a modest beginning in 2015-16, the State aspires to achieve the status of a developed state in the country by 2029 in between navigating through one among the best three states by 2020 with a vision to lay foundation of the **Sunrise State of Andhra Pradesh**. Eventually, Andhra Pradesh is to become a leading investment destination in the World by 2050. Swift growth in double digit, better infrastructure, participatory planning and better governance through effective service delivery marked with improved Happiness Index are going to be key milestones for realisation of Vision 2029.

Andhra Pradesh has set for itself a target of becoming one of the top three states in India by 2022, in-terms of socio-economic development and ease of doing business. The State aspires to achieve the status of a developed state in the country by 2029, and the vision is to lay foundation of the **Sunrise State of Andhra Pradesh**. Achievement of this vision is incumbent upon a fast paced and sustainable **double digit growth**, delivered through a combination of programmatic and project interventions with a focus on sustainable and **inclusive development**.

Vision 2029 – Sunrise State of Andhra Pradesh

Andhra Pradesh is poised at an interesting juncture in history as it tries to balance the varied challenges that the bifurcation has created for the residuary state, including managing budget fiscal deficit and establishing improved governance system. Under the leadership of the Hon'ble Chief Minister Sri Nara Chandra Babu Naidu, the Government of Andhra Pradesh has evolved a comprehensive long term vision for bringing about the State's socio-economic development in an accelerated and sustainable manner. The state is set to transform from the routine status to a dynamic and thriving Andhra Pradesh where the fulcrum of development is the people. The key milestones of the long term vision for the State are:

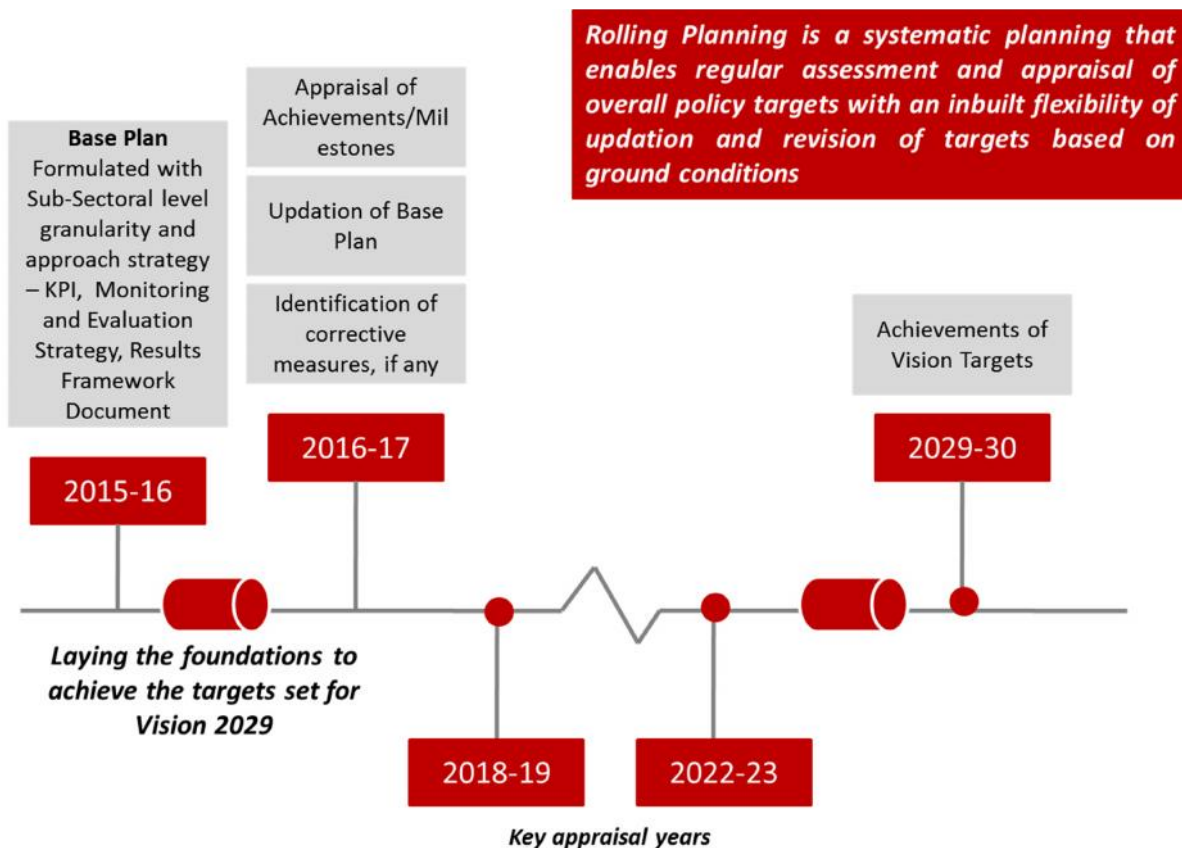


The State of Andhra Pradesh will be the best state in India by 2029-30 in achieving inclusive growth and ranking better on happiness index; and a leading investment destination in the World by 2050-2051

To achieve the level of development envisioned in Vision 2029, the State will have to move from the current growth rate of 7% GSDP to a double digit growth rate of more than 10% for each upcoming year, beginning from 2015-16 (Constant Prices).

The Andhra Pradesh Vision 2029 envisages increasing the GSDP from the current level of INR 5.20 lakh Crore (2014) to approximately INR 41.53 lakh crore by 2029 estimated at an achievable scenario of 16% growth rate. The Government is conscious of the challenges ahead. And towards realizing its vision, the Government has charted out a multi-pronged strategy comprising seven Missions, five Grids, five Campaigns, Janmabhoomiprogramme and the Smart Village programme with measureable targets and strategies.

There is a need for structural shift toward high growth trajectory and deeper radical reforms to achieve the development envisioned in Vision 2029. During the transition period, the government will unveil a ‘rolling planning process’ to provide necessary momentum to the economy and a double digit growth rate.

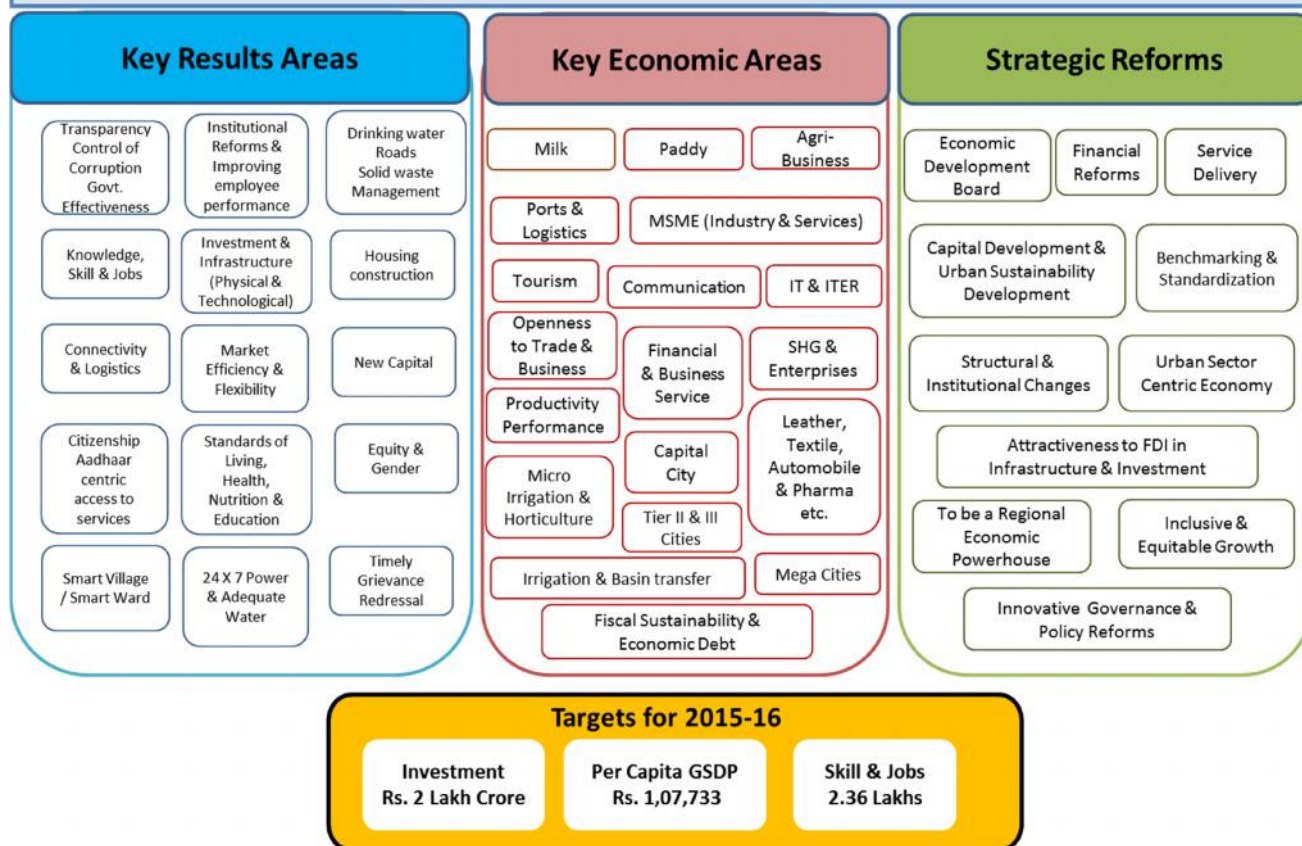


Double digit growth in India's GDP– some snapshots:

Arresting the pace of diminishing rate of productivity is identified as one of the key components to sustain double digit growth at the National level. Economic trends underline that output of the Nation could be increased annually by 7%, without risking inflation, of which 3.5% is accountable by greater capital absorption, 2% attributable to the growing workforce while the balance 1.5% through efficiency improvements.

Making power available to small manufacturers at affordable prices boosts competitiveness of pharmaceutical, textiles, auto-parts makers etc. Government reforms in these industries could push the potential GDPs growth to 7.8%. Stronger property rights, superior regulatory institutions and better fiscal management expected to push the growth by 1%. While all these measures (7.8%+1%) in place still do not assure the 9% mark, the huge reform process of arresting the pace of diminishing rate of productivity remains to be the key for placing the growth pedestal on the double digit mark and sustaining it thereafter.

Towards Double Digit Inclusive Growth – The Reforms & Management Agenda

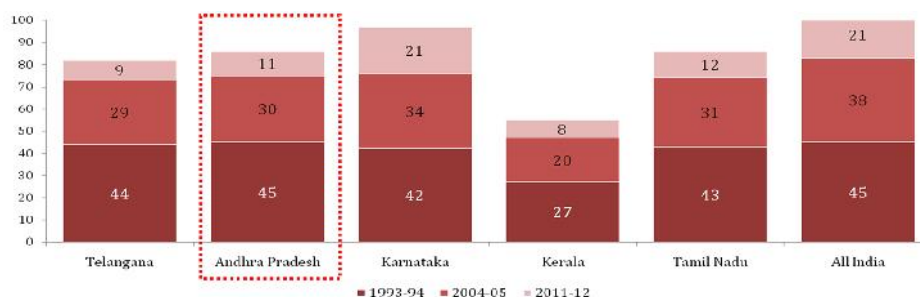


Achieving Inclusive Growth– Andhra Pradesh

Currently the poverty level (2011-12) in Andhra Pradesh stands at 9.2% and has witnessed a noteworthy reduction from 45% in 1993-94. This is considerably lower than the national average of 21.9% and the pace of income poverty reduction is also rapid. The poverty ratio for rural and urban areas of Andhra Pradesh was 10.9% and 5.8% respectively. The corresponding figures for all India were 25.7% and 13.7%.

The performance of the state in reducing the poverty has been remarkable. The absolute number of the poor in the state declined from 19 million in 1993-94 to 5 million in 2011-12. As per one estimate, the elasticity of poverty with respect to GSDP for the State is 1.5 as against 0.86 for all India. Hence achieving double digit growth will accelerate substantial reduction in poverty.

Poverty Head Count Ratio

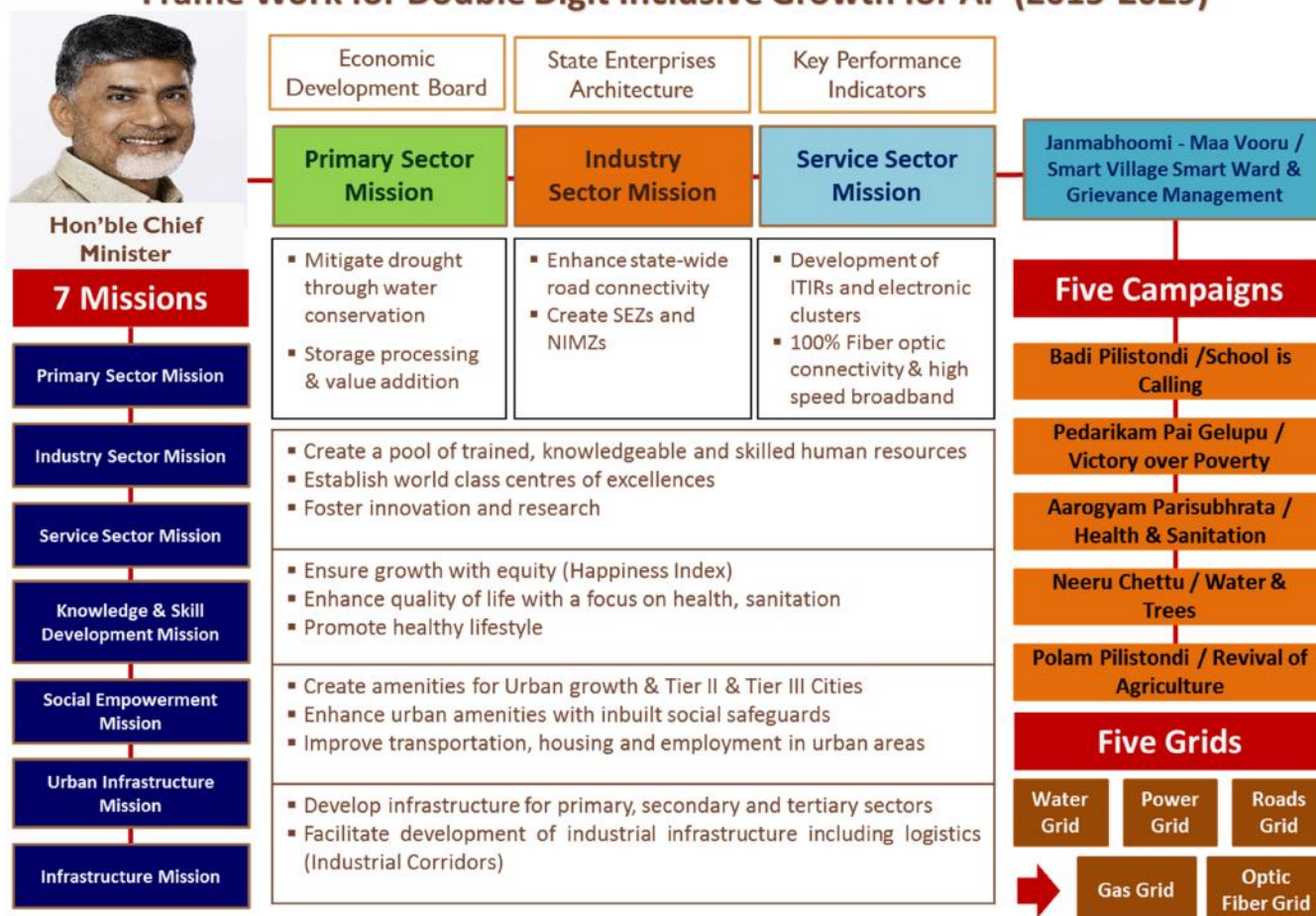


While the State of Andhra Pradesh has displayed remarkable economic performance and succeeded in reducing the absolute poverty, inclusive and equitable growth has not been commensurate. Further, Andhra Pradesh though faring comparatively well in many indicators under the Millennium Development Goal (MDGs), the gains are smaller in comparison with other southern States like Kerala and Tamil Nadu. With the MDGs reaching their deadline, a new transformative and universal Sustainable Development Goals (SDGs) will be adopted. Building on the MDGs, the SDGs propose to end poverty and deprivation in all forms, leaving no one behind, while making development economically, socially and environmentally sustainable. This presents a challenge and an opportunity for the Government of Andhra Pradesh.

The AP State in its long term growth agenda envisages ensuring participation of all stakeholders; and laying foundation for a rapid growth momentum through the seven missions, five grids, five campaigns, Janmabhoomiprogramme and the Smart Village programme.

- The five missions are Primary Sector Mission, Social Empowerment Mission, Knowledge and Skill Development Mission, Urban Development Mission, Industry Sector Mission, Infrastructure Mission and Service Sector Mission.
- The five grids, namely Road, Water, Gas, Power and Fiber Optic grids will ensure proper service connectivity.
- Five Campaigns are taken up for improving sanitation, health, education, financial inclusion and gender empowerment.

Frame Work for Double Digit Inclusive Growth for AP (2015-2029)



Sub-plans for SC/ST development:

AP SCSP and TSP (planning, allocation and utilization of Financial Resources Act 2103 came into existence from January 24, 2013. The act gave legal status to the allocation of budget of the total plan outlay of the state based on the proportion of SC and ST population; and its utilization.

DWACRA and Women Empowerment:

Implemented through Society for Elimination of Rural Poverty (SERP) in rural areas and Mission for Eradication of Poverty in Municipal Areas (MEPMA) in urban areas, AP has a vast network of women self-help groups. 87.68 lakh women are organised into 8.53 lakh SHGs. SHG is an important instrument for inclusive growth and gender equity. The state will be implementing Andhra Pradesh Rural Inclusive Growth Project (APRIGP), funded by the World Bank, from 2014-15 to 2019-20. And it will provide intensive support and handholding support in 150 of the most backward Mandals in the state: 'will enable selected poor households to enhance agricultural incomes and secure increased access to human development services, and social protection and entitlements'.

Social protection: The state is promoting various schemes for protection of vulnerable groups. These include pensions for aged, widow and disabled; protection of children, particularly girl child; and social security measures for un-organised workers.

Aadhaar-Enabled Smart Service Delivery:

The Government will also be actively embracing the Government of India initiatives for greater social security. Amongst the few initiatives taken up at the Centre to ensure inclusive growth include the **JAM Trinity** (*Jan DhanYojana, Aadhaar and Mobile Numbers*). This solution allows State Governments to offer support to households in a targeted and less distortive ways. It links the active bank accounts with Aadhaar numbers and Mobile numbers to provide food subsidies in rice, wheat, pulses, sugar, kerosene, LPG, naptha, electricity, diesel, fertilizer and railways. If targeted well, this solution can boost household consumption and asset ownership, reduce food security problems for the ultra-poor and reduce leakages.

The Union Government has launched three social security schemes – Pradhan ManthriSurakshaBhimaYojana, Pradhan MantriJivanJyothiBhimaYojana and Atal Pension Yojana. These schemes provide social security at a very nominal cost to millions of Indian citizens. The State has completed Aadhaar enrolment. Use of Technology and Aadhaar management are being effectively used in ensuring tracking the health of about 9 lakh pregnant women in the State and to protect women from social evils and thereby provide them a secured environment.

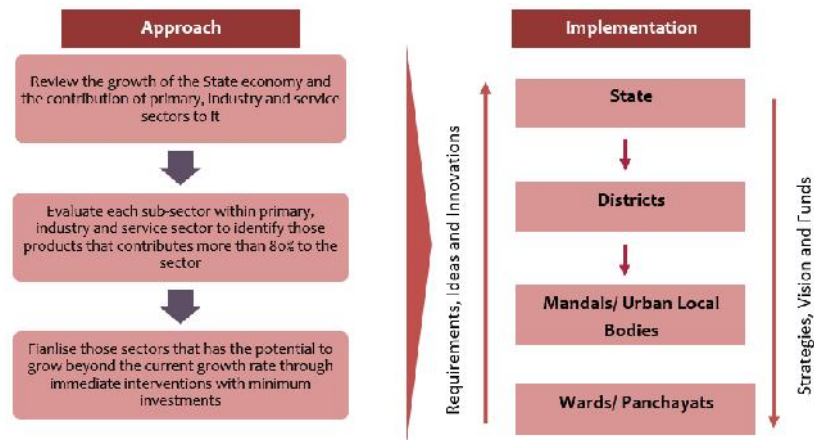
Identifying the Growth Engines:

To achieve the double digit growth in 2015-16, the Government of Andhra Pradesh has identified '**growth engines**' which are of three types:

- ✓ Components of GSDP which contribute more than 80% to their respective sector, with potential for further growth
- ✓ Sub-sectors which have been delivering a sustained double digit growth over the last 5 years
- ✓ Sectors of GSDP which are aligned with the National thrust sectors with the promise of a large future potential

The State Departments have identified 'Growth Engines' by adopting a bottom-up approach, with a focus on leveraging low hanging fruits in 2015-16 towards stimulating growth of the economy.

An in-depth analysis was carried out by the State departments using the following approach to identify the growth engines. The Planning Department of Government of Andhra Pradesh had initiated various consultative and participatory events to inform the creation of this strategy plan. Series of discussions were held



with the various district collectors and government departments – Finance, Agriculture, Animal Husbandry and Fisheries, Energy, Industries and Commerce, Irrigation, Urban, Education (Primary and Higher Education), Infrastructure, Transport, Roads and Buildings among others. Their opinions and inputs have informed the direction of the sectoral plan to achieve the bold vision of an inclusive double digit growth. This approach of identifying growth engines is the first ever methodology to be adopted by a State Government in the Country. These growth engines have the potential to grow at a sustained double digit rate and contribute to the GSDP beyond their current potential.

The Government of Andhra Pradesh in their budget allocated for the FY 2015-16, would be providing Rs. 10 crore for innovation in growth strategy to each of the districts, which includes Rs. 1 crore towards external expertise in preparing detailed project reports and supporting the district officials with other similar activities, Rs. 2 crore for tourism and Rs. 1 crore for communication and publicity.

Economic Development Board (EDB) for coordinating double digit growth

The 'business-as-usual' approach will not be sufficient to achieve, let alone sustain, the double-digit growth over the next two decades. It requires a well-coordinated multi-track development strategy. The existing institutional architecture is not fully equipped to deal with strategies required for an exponential leap in GSDP growth: **'Facilitating investments, technologies, innovations, knowledge and the resources essential for sustained double digit growth.'**

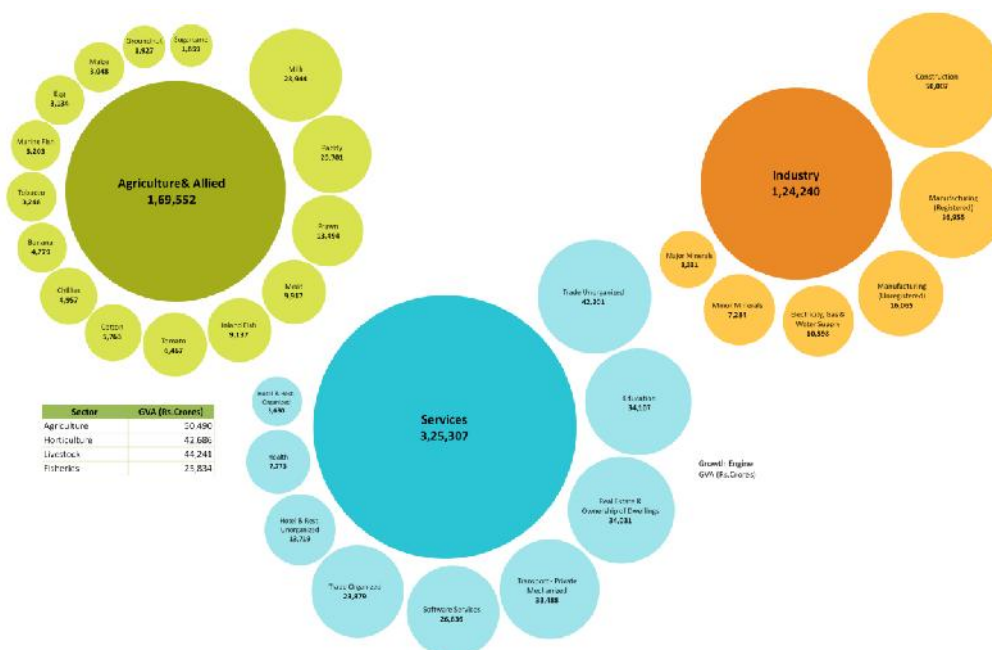
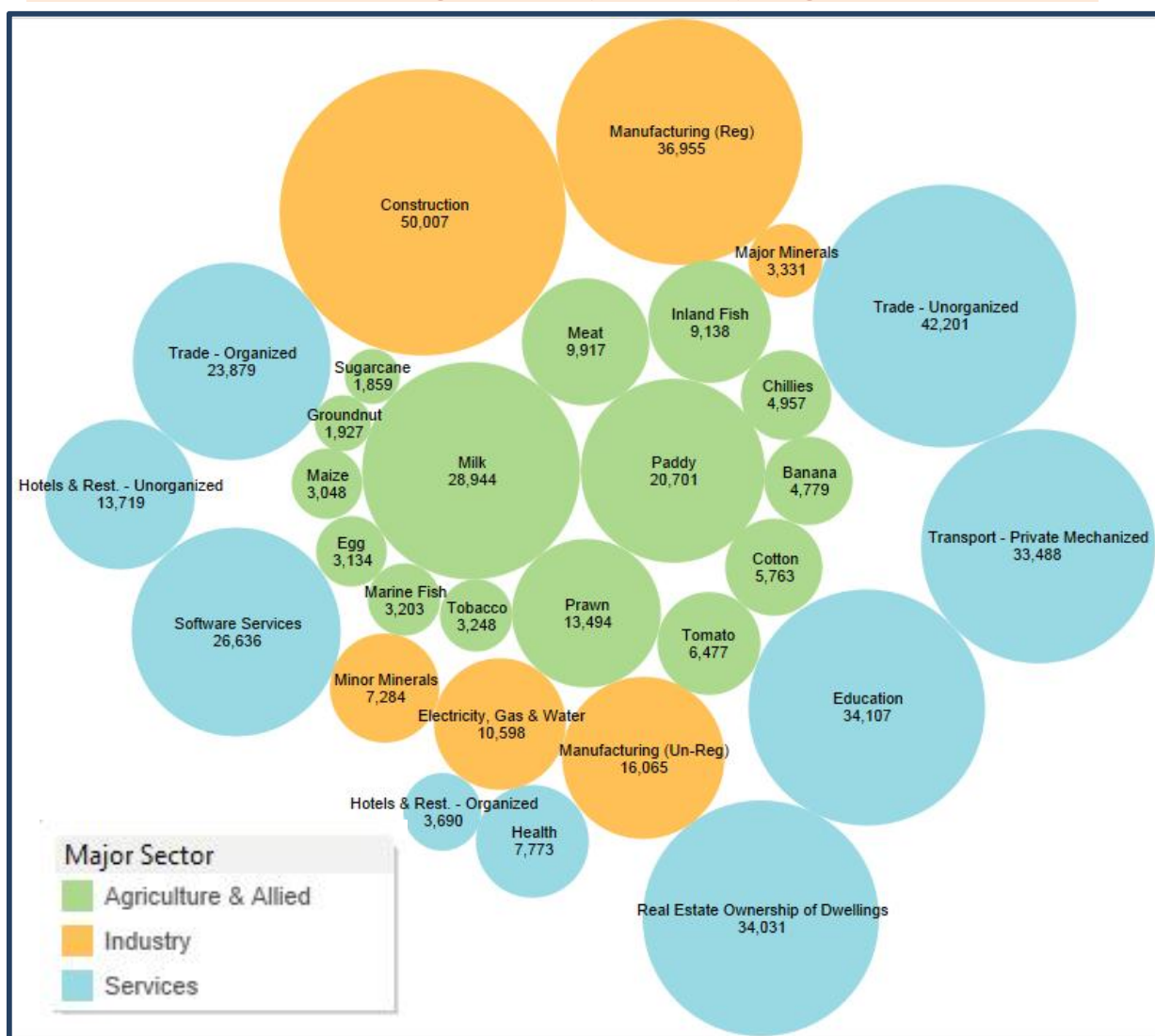
In this context, the Government has created the Economic Development Board (EDB). The Board works closely and in tandem with the departments and the entities under their control to improve the overall investment climate and strengthen investor confidence, substantially improve the ease of doing business; and mobilises the resources required for supplementing public and private investment and assist the government in setting up special purpose vehicles (SPVs) for focused development outcomes. Towards this end, the board will be engaged in:

- Coordinating public-private partnership projects; reforms on governance and public financial management
- Facilitating strategic planning, resource mobilisation and investment prioritisation.
- Facilitating integration of industrial development with infrastructure and human capital development
- Proactively leveraging and promoting appropriate technologies, innovations across the entire spectrum of the projects.
- Boosting all sectors of the economy with effective monitoring and evaluation systems and timely intervention mechanisms.

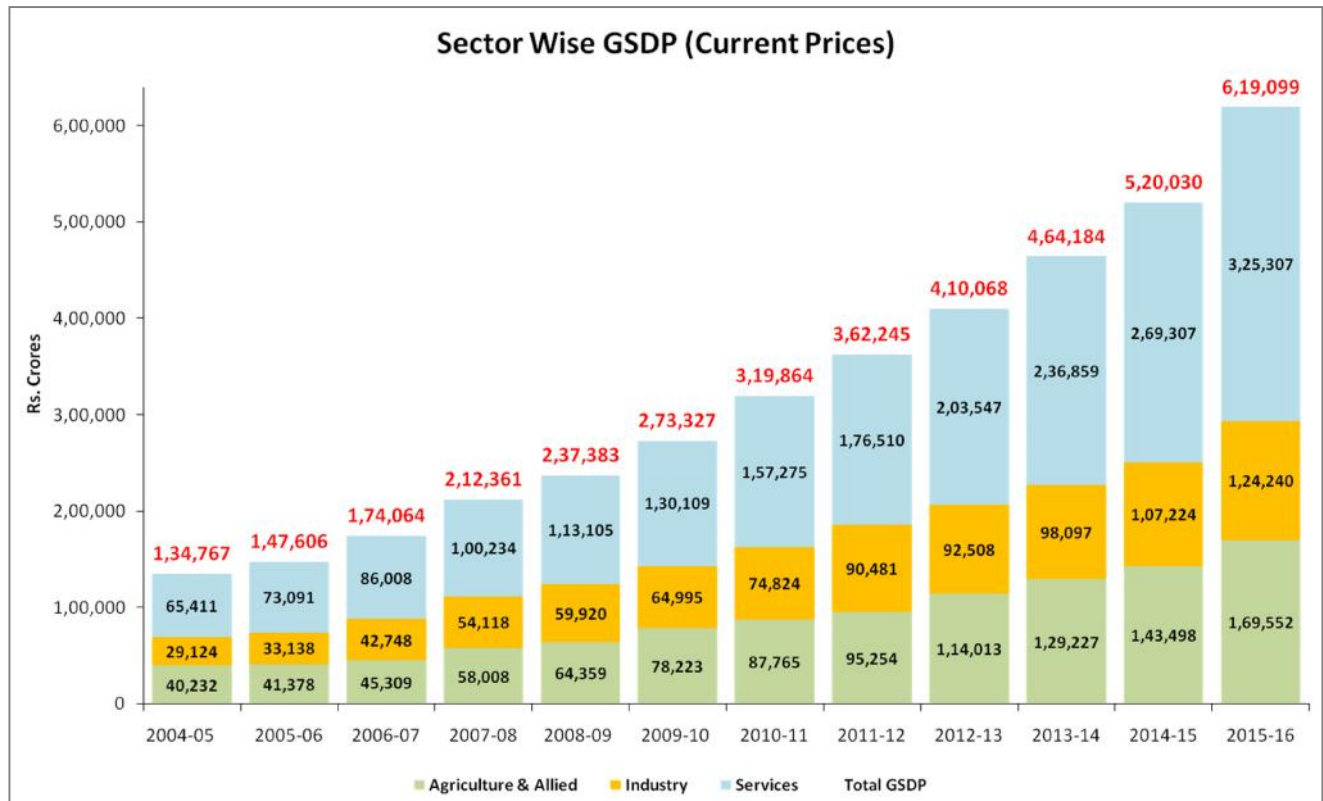
Attracting foreign investment:

An effort is being made to tap best talent available across the globe for creating industries, infrastructure, smart cities and job avenues. The state is actively engaging with the national governments, companies and PSUs in Japan, Singapore, USA, Australia and other countries for inviting investments and technology transfer.

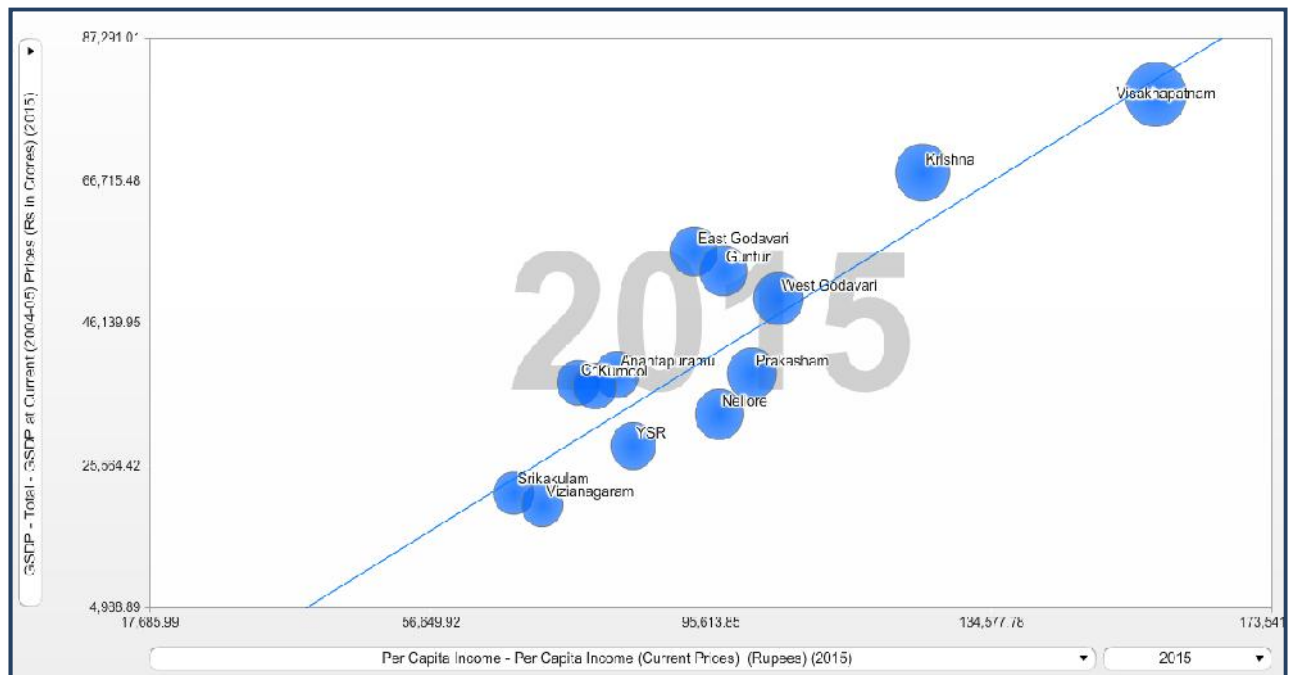
Sector Wise Growth Engines GVA (Rs. Crores) Targets for 2015-16



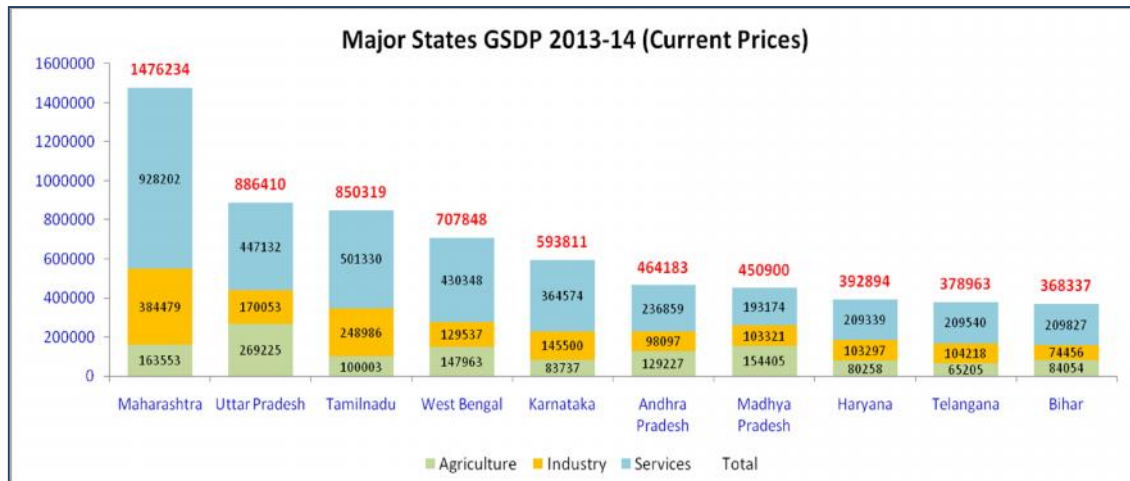
Key parameters on the performance of the Economy



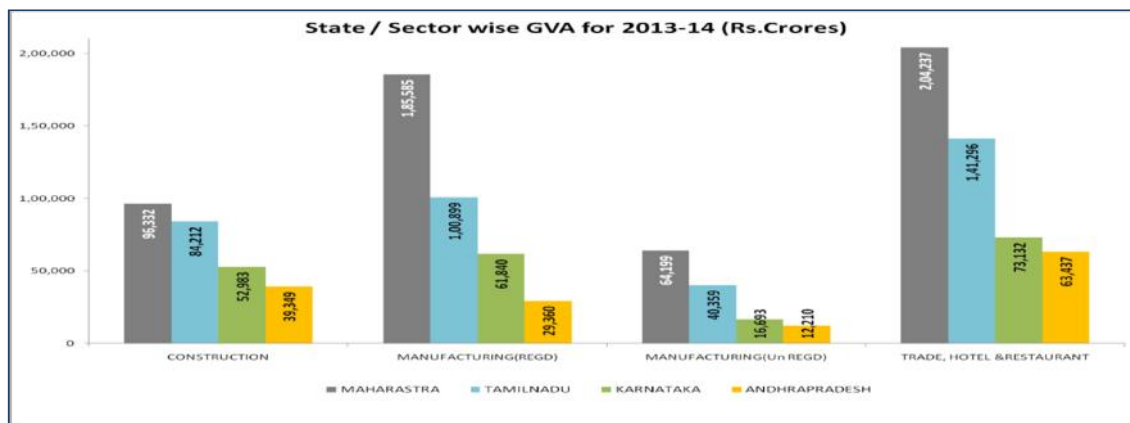
Andhra Pradesh - District Domestic Product vs. Per Capita Income:



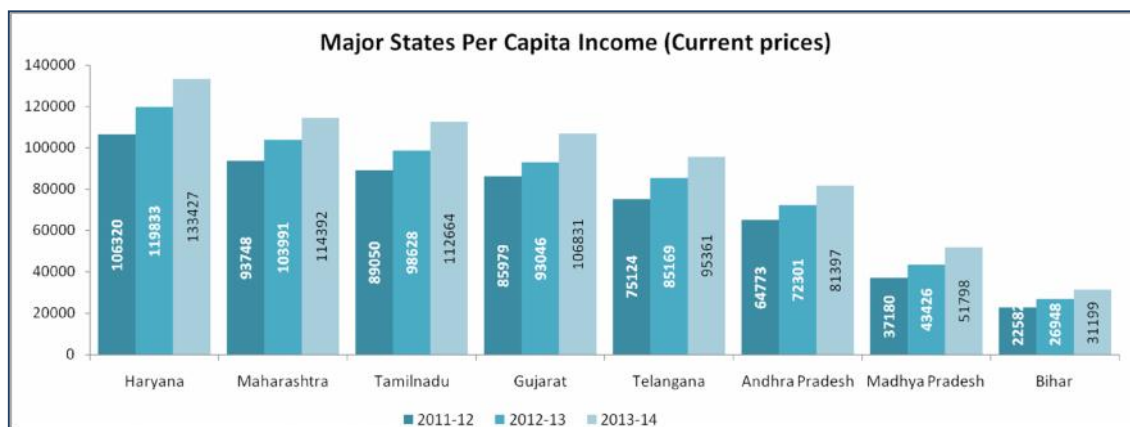
GSDP Comparison of Major States in India – 2013-14



Sectoral Comparison of Major States in India – 2013-14



Per Capita Comparison of Major State in India – 2011-12 to 2013-14

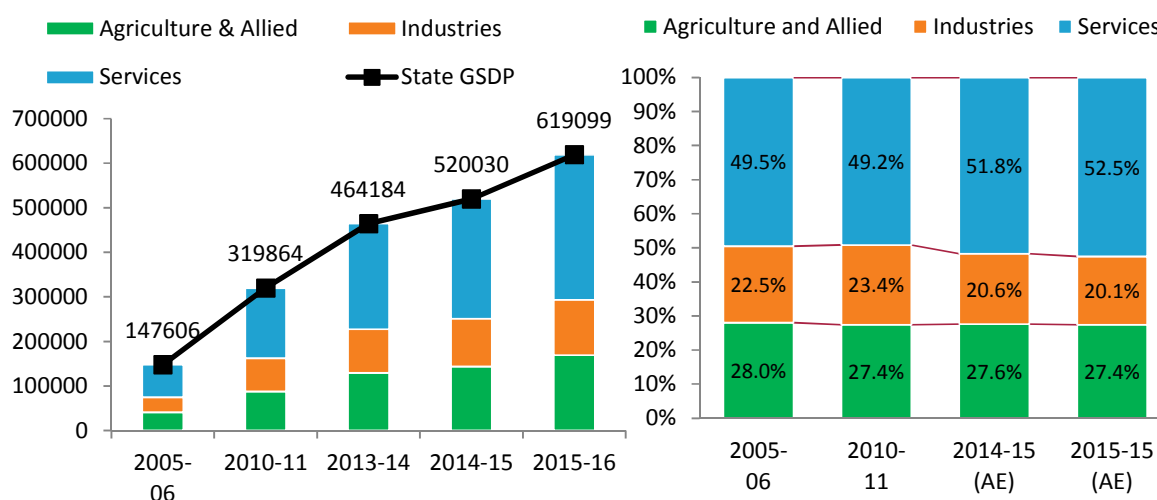


Our Plan for 2015-16

Despite the twin-effect of Hudhud cyclone and a deficit rainfall of 36.34% resulting in severe drought during last one year, the government has taken all measures that were humanly possible for restoring normalcy as well as laying solid foundation for a resurgent Andhra Pradesh.

Responding positively for the farmer-friendly initiatives, the GSDP (at the current prices) for 2014-15 is estimated to be Rs. 520,030 crore up from Rs. 464,184 in 2013-14. During the period 2004-05 to 2014-15, Andhra Pradesh grew at a Compounded Annual Growth Rate (CAGR) of 14%. At constant prices, the GSDP estimates for the year 2014-15 is Rs. 264,521 crore as against Rs. 246,724 crore for 2013-14 indicating a growth rate of 7.21%. It is envisaged that the total GSDP grows by around 19% to achieve the target of Rs. 6,19,099 crore (at current prices).

State Total & Sectoral Gross Domestic Product (in Rs. Crore)



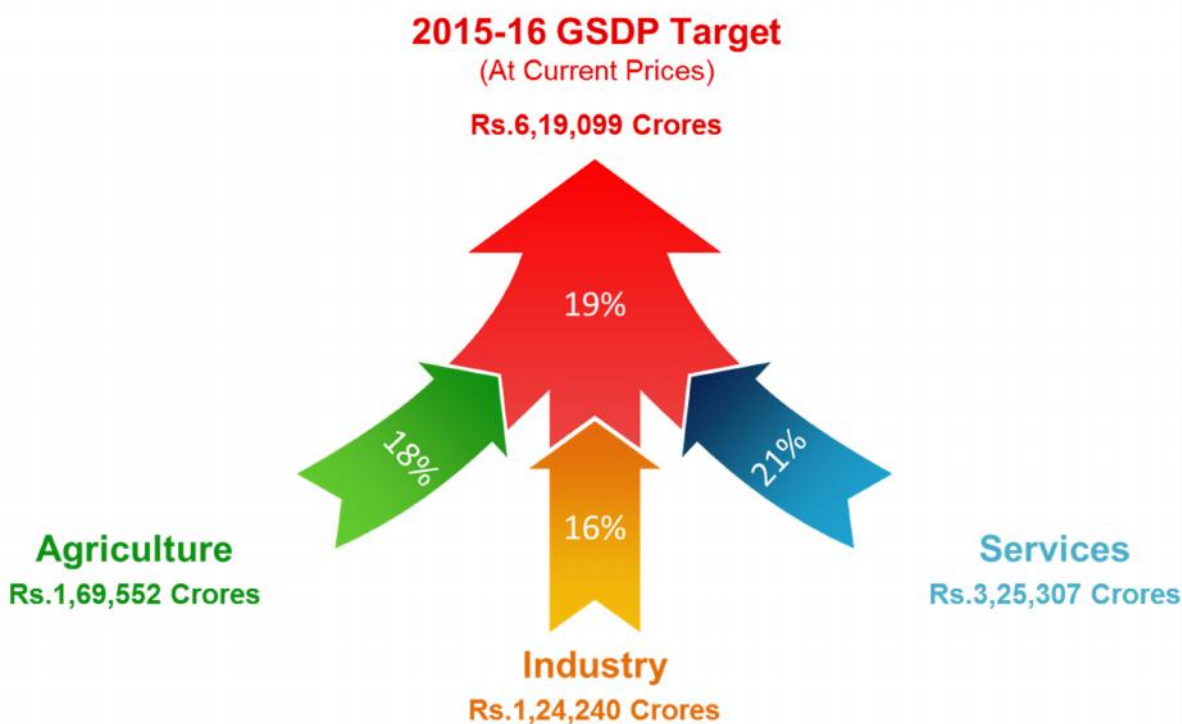
The sectoral growth rates for 2014-15 (at current prices) are 11% for agriculture and allied sectors, 9% for industries and 14% for service sector. A wide variance can be observed in terms of the contribution of these sectors to the State GSDP. While the shares of agriculture and allied and industries in the State GSDP have shown a declining trend, the share of service sector has witnessed a surge. The agriculture and allied, and industries sectors shares are currently 27.6% and 20.6% and has declined from 28% and 22.5% respectively in 2005-06. These sectors will serve as the engines of growth and help achieve the following target for the year 2015-16.

Agriculture and allied sectors to grow at 18% to reach **Rs. 1,69,552 crore in 2015-16** as against Rs. 1,43,498 Crore in 2014-15

Industry sector to register a growth of 16% to contribute **Rs. 1,24,240 crore in 2015-16** to the GSDP as against Rs. 1,07,224 Crore

Services sector to grow by 21% to contribute **Rs. 3,25,307 crore to GSDP in 2015-16** (as against Rs. 2,69,307 crore in 2014-15)

Achieving Double Digit Inclusive Growth (Happiness index)



Andhra Pradesh – Targeted Outcomes

To ensure that Andhra Pradesh graduates to the status of being the best Indian State in terms of human and economic development indicator by 2029, the State may seek to achieve the following outcomes over the next fifteen years:

- Sustained annual GSDP growth of 10-15% for 15 years;
- Most investor / Industry friendly State by 2016;
- Best State for 'Ease of Doing Business' by 2016;
- Most preferred destination for a range of industrial / infrastructure / services sector investments by 2018;
- Best State for Skill generation and Employment Creation 2018;
- Best state in the country in terms efficiency/quality with highest productivity of investments by 2019;
- Most preferred destination for R&D, Innovation Centres and Entrepreneurship by 2019;
- Knowledge and Technology Hub and Centre for Innovation and Excellence with highest value addition in the Country per Employee by 2022;
- Transform Andhra Pradesh State economy by 2035 duly sustaining double-digit growth during the next 15 to 20 years and beyond.

The report deals with various aspects of growth, with a focus on double digit growth, inclusive and sustainable development. For achieving inclusive growth, the state recognizes the importance of linking agriculture with agri-business, clustering MSMEs for infusion of technology, ICT and credit, port led development, development new capital and infrastructure, skills and knowledge, and enterprises for 8.5 million women.

Area, Population, GSDP and PCI of Major States and All India

Sl. No.	State\UT	Area in 000' sq. kms	Rank	Population (Census-2011) (In Cr.)	Rank	Urban Population (In Cr.)	% urban pop.	Size of GSDP 2013-14 (Lakh Crore)	3 Years Avg. Contribution	GSDP Growth Rates at Constant Prices			Rank on GSDP Growth Rates			2013-14 PCI at Current Prices (In Rs.)	PCI Rank (2013-14)	2014-15 PCI at Current Prices (In Rs.)	PCI Rank (2014-15)
										2012-13	2013-14	2014-15	2012-13	2013-14	2014-15				
1	Maharashtra	307.7	3	11.24	2	5.08	45	14.76	14.07	7.80	7.30	5.70	3	5	12	114392	2	129235	2
2	Uttar Pradesh	240.9	4	19.98	1	4.45	22	8.63	8.24	5.78	4.95	6.00	9	13	10	36250	15	40373	13
3	Tamil Nadu	130.1	9	7.21	6	3.49	48	8.54	8.01	3.39	7.29	7.25	16	6	5	112664	3	128366	3
4	Gujarat	196.2	5	6.04	9	2.57	43	7.66	7.15	6.15	8.76		6	3	NA	106831	4		NA
5	West Bengal	88.8	12	9.13	4	2.91	32	7.07	6.49	7.53	6.91	7.15	4	10	7	70059	10	78903	8
6	Karnataka	191.8	6	6.11	8	2.36	39	5.83	5.51	6.10	7.20	7.00	7	7	8	84709	8	101594	5
7	Rajasthan	342.2	1	6.85	7	1.70	25	5.18	4.96	6.41	4.79	5.75	5	14	11	65974	11	72156	9
8	Andhra Pradesh	163.0	7	4.96	10	1.46	29	4.64	4.37	4.05	7.16	7.21	14	8	6	81397	9	90517	7
9	Madhya Pradesh	308.3	2	7.26	5	2.01	28	4.35	3.88	8.70	9.48	10.19	2	1	1	51798	13	59770	10
10	Kerala	38.9	16	3.34	13	1.59	48	3.96	3.74	5.92	6.27		8	11	NA	103820	5		NA
11	Telangana	112.1	10	3.50	12	1.36	39	3.92	3.69	4.11	4.76	5.30	13	15	14	95361	6	103889	4
12	Haryana	44.2	15	2.54	16	0.88	35	3.89	3.64	5.50	6.97	7.76	10	9	4	133427	1	147076	1
13	Bihar	94.2	11	10.41	3	1.18	11	3.44	3.10	10.69	9.12	9.45	1	2	2	31199	16	36143	14
14	Punjab	50.4	14	2.77	15	1.04	37	3.17	3.04	4.63	5.73	5.32	12	12	13	92638	7	99578	6
15	Odisha	155.7	8	4.20	11	0.70	17	2.73	2.64	3.76	1.82	8.08	15	16	3	52559	12	59229	11
16	Assam	78.44	13	3.12	14	0.44	14	1.59	1.50	5.15	7.50	6.41	11	4	9	44263	14	49480	12
All-India GDP (2004-05 base)		3287.5		121.09				104.73	82.53	4.47	4.74					74380		NA	

The GSDP of 16 major States contributes around 85% of the total GDP of India

GUJARAT : Not released so far - Will be released in June 2015

KERALA : Not yet prepared - Will be prepared in October 2015

Andhra Pradesh at a Glance

Particulars			Units	Number
1. Area			ooo Sq km	162.97
2. Districts			Numbers	13
3. Revenue Divisions			“	49
4. Mandals			“	670
5. Gram Panchayats			“	12918
6. Villages			“	17363
7. Towns			“	195
8. Population	As per Census, 2011		Lakh	495.77
a. Males			“	248.3
b. Females			“	247.47
9. Rural Population			“	349.67
a. Rural Males			“	175.38
b. Rural Females			“	174.29
10. Urban Population			“	146.1
a. Urban Males			“	72.92
b. Urban Females			“	73.18
11. Households			“	127.19
a. Rural			“	90.65
b. Urban			“	36.54
12. Total Literacy Rate			Percentage	67.35
a. Male Literacy Rate			Percentage	74.77
b. Female Literacy Rate			Percentage	59.96
13. Members Of Parliament				
a. Lokh Sabha			Numbers	25
b. Rajya Sabha				10
Members of Legislative Assembly				175
Members of Legislative Council				50
14. State Economy		2004-05	2013-14(FRE)	2014-15 (AE)
a. GSDP at Current Prices	Rs. crore	134767	464184	520030
b. GSDP at Constant Prices (2004-05)	Rs. crore	134767	246724	264521
c. NSDP at Current prices	Rs. crore	121388	411387	461257
d. NSDP at Constant Prices(2004-05)	Rs. crore	121388	213129	228450
e. Per capita Income at Current Prices	In Rupees	25959	81397	90517
f. Per capita Income at Constant Prices (2004-05)	In Rupees	25959	42170	44831

2. GSDP Estimates

Gross State Domestic Product (GSDP) also known as “State Income”, is a measure in monetary terms of sum total volume of all goods and services produced during a given period of time within the geographical boundaries of the state, accounted without duplication. The compilation of GSDP is done as per the methodology and guidelines specified by the CSO. CSO is the recognized independent authority compiling the GDP estimates.

The concepts and methodology adopted for compilation of GDP / GSDP are standardized under UN System of National Accounts (SNA). However, the procedures adopted are based on Country specific data collection system. CSO follows sector specific detailed methodology, for a base year which is revised from time to time. The compilation of National Accounts in India is 1993 SNA basis. However, recommendations of SNA 2008 which are followed by most of the developed Countries are incorporated in Base Year revisions as much as possible, so as to make the National Estimates internationally comparable.

For measurement of GDP, the entire economy is divided into different economic activities / Sectors and each Sector wise value added is estimated. The GDP can be measured in three different ways: i) From the angle of production, ii) Income generation and iii) expenditure. Depending upon the data availability, different approaches are followed for compilation of the Sector wise value added. The estimates of State Domestic Product (SDP) are Compiled and released for a specific year at different points with different nomenclatures both at current and Constant Prices viz., 2014-15 GSDP, Advance (AE, February 2015), First Revised Estimates (FRE, January 2016, Second Revised Estimates (SRE, January 2017) and Third Revised Estimates (TRE, May 2017).

Sl.No.	Estimates	Release	Ex. for 2014-15
1	Advance Estimates	February	2015 February
2	First Revised Estimates	January	2016 January
3	Second Revised Estimates	January	2017 January
4	Third Revised Estimates	May	2017 May

The concept of compiling GSDP is similar to that of GDP. The estimates are first compiled at disaggregated level for each Economic activity and then aggregated for the whole state. In the preparation of State Income Estimates certain activities cut across state boundaries and are known as Supra Regional sectors. The estimates for these supra Regional activities are compiled for the Economy as the whole and allocated to the States on the basis of relevant indicators. As such the GSDP estimates compiled by the States are reconciled with the GDP estimates prepared by the CSO. The finalization of GSDP estimates for a financial year may therefore take up two years period.

The estimates for commodity producing sectors like agriculture, forestry, fishing, mining and quarrying and manufacturing etc., are prepared using the production approach i.e measuring the value of output and deducting there from the cost of material inputs used in the process of production. In the services sectors(non-public segment) like trade, transport, hotels and restaurants, the estimates are prepared by income approach specifically, by multiplying the value added per worker by the number of workers, for the benchmark estimates and extrapolating these benchmark estimates with suitable indicators for the annual estimates. The information on value added per worker is obtained from the relevant enterprise surveys conducted for the purpose. The estimates of workforce are obtained using the results of large scale sample surveys on employment and unemployment conducted by National Sample Survey Organisation (NSSO)

and decennial population census carried out in the country by the Office of Registrar General of India(RGI) and Census Commissioner.

In case of Agriculture Sector, the concerned departments provide the targeted / achieved production data based on which Estimates compiled from time to time slightly differ and also the CSO provides the input ratios for the states. With regard to Industries Sector, the estimates generated with Indices of Production (IIP) and Prices Indices vary with the actual data received through Annual Survey of Industries (ASI) results after a gap of two (2) years. The main source of data for Service Sector is SES rounds for Un-organised segments and CSO provide data sets for organised parts. In respect of Service Sector, State DE&S is largely dependent on CSO, GOI as the data for most of the Supra Regional sectors are provided by CSO only after the gap of more than one year. The data from Socio Economic Surveys are based on small sample, which is sufficient to generate the State level Estimates only. The GSDP estimates for a financial year, say 2014-15 are reconciled with CSO and uniform figures adopted after 2 years by 2017 as actual data sets for all sectors shall be available by then. Till that time the GSDP estimates are updated using benchmark indicators. For most of the Sectors, DES is dependent on CSO like the inputs for commodity producing sectors, value of consumption of fixed capital (CFC/depreciation), Supra Regional Sectors data, etc. Hence, the Micro level analysis based on GSDP / DDP estimates are only indicative due to non-availability of data at such minute level.

The Advance Estimates which are released two months prior to the completion of the financial year throw light on the performance of the different sectors of the economy. While the Advance Estimates help to assess the overall growth of the economy, periodical monitoring of the trends of certain contributing items in each sector help the Government to review the concerned departments and also to take timely interventions to achieve double digit growth rate.

2.1 Sector-Wise GSDP Methodology

Sl. No.	Name of the Sector	Approach	Methodology	Data Source
1	Agriculture	Production	$\text{Production} \times \text{Price} = \text{GVO.}$ $\text{GVO} - \text{Inputs} = \text{GVA.}$	1)DE&S for prod. and price, 2) CSO for inputs
2	Livestock			1)Dept. of Animal Husbandry for production and DE&S for prices, 2) CSO for inputs, 3) Dept. of Sericulture for Cocoons and KVIC for Honey
3	Forestry & Logging			1)Dept. of Forest for production and prices 2) CSO for input ratio and others (TOF)3) NSS round data for Fire Wood
4	Fishing			1) Dept. of Fisheries for production and price, 2) CSO for inputs
5	Mining & Quarrying			1) Dept. of Mines & Geology for production and price (Minor minerals), 2)IBM for

Sl. No.	Name of the Sector	Approach	Methodology	Data Source
				Major Minerals 3) CSO for inputs
6	Manufacturing Registered		i) ASI data for final estimates. ii) For Adv. FRE, SRE estimates, previous year estimates are moved with IIP and WPI by observing trends of both production and prices	1) CSO for ASI data and 2) DES for IIP, 3) EA, GOI for WPI
7	Manufacturing Un-Registered	Income Approach	i) For base year estimates (GVAPW * WF) arrived through NSS rounds for un-organised part ii) MSME survey results for the benchmark moved back to base year iii) The combined estimates of base year are moved with IIP and WPI to arrive current year estimates	1) DES for IIP, 2) EA, GOI for WPI
8	Electricity, Gas & Water Supply	Income Approach	i) Analysis of Annual Accounts of AP Transco, AP Genco and Discoms and private companies ii) NEDCAP for Bio-gas iii) Budget documents, LB accounts analysis for culled out the Govt./LB contribution	1) CSO for private companies and NTPC 2) AP Trasco, AP Genco etc. for Annual accounts 3) State Govt. budget
9	Construction	Expenditure Approach	i) AIDIS survey results of benchmark year for household sector, ii) analysis of budget documents & NDCUs for estimating their contribution iii) CSO for other HHs and Residual HH part	1) CSO accounts for around 60% of estimates (other HHs and Residual HH part) 2) Budget and NDCUs of A.P 3) NSSO survey results
10	Trade, Hotels & Restaurants	Income Approach	i) For organized part, CSO provides the data ii) For Un-organised, base year estimates moved with GTI Index of commodity producing Sectors iii) analysis of budget documents & NDCUs for estimating their contribution	1) CSO 2) Budget and NDCUs of A.P
11	Transport by other Means & Storage	Income Approach	i) For Pvt. Mechanised part, base year GVA moved with Index of category wise no. of vehicles Regd. as obtained from Transport Dept. ii) For Non-mechanised, base year estimates moved with GTI Index of commodity producing Sectors iii) for Supra Region Sectors	1) CSO 2) Transport Dept. 3) Budget and NDCUs of A.P
12	Supra Regional Sectors (Railways,	Income Approach	i) CSO for final estimates ii) For Advance, FRE & SRE, previous year TRE moved with AAGR based on	CSO

Sl. No.	Name of the Sector	Approach	Methodology	Data Source
	Banking and Insurance and Communication)		the trends	
13	Real Estate, Ownership of Dwellings & Business Services	Income Approach	i) Base year estimates of NSS rounds (GVAPW * WF) moved with Inter Survey GRs and CPI-IW & AL	1) CSO 2) DE&S for CPI-IW & CPI-AL from Labour Bureau.
14	Public Administration	Income Approach	i) Data from Budget documents, LBs and autonomous and Central Govt.	1) State Govt. 2) LBs 3) CSO
15	Other Services	Income Approach	i))Data from Budget documents, LBs for public part ii) For private part, Base year estimates of NSS rounds (GVAPW * WF) moved with Inter Survey GRs and CPI-IW & AL	1) State Govt. 2) LBs 3) CSO

2.2 Quarterly Targets for 2015-16

The Quarterly Estimates are also compiled after completion of each quarter with a gap of 2 months for first and second quarters. DES prepares the quarterly estimates for 1st and 2nd quarters only prior to compilation of Advance Estimates.

The Estimates are compiled with the available data sets at that time and also observing the trends in the Quarterly estimates released by Government of India. As such the AP DES releases GSDP estimates one week after the release of All India Estimates.

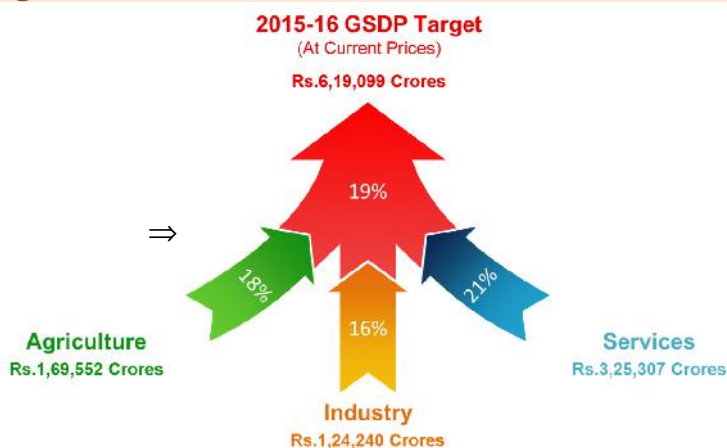
Quarterly Estimates	Release	Duration	Item	Q1	Q2	Q3	Q4
First quarter	31 st August	Apr – June (Q1)	Total GSDP	19	18	24	39
Second quarter	30 th Nov.	Jul – Sept (Q2)	Agriculture Sector	12	14	25	49
Third quarter	28 th Feb.	Oct – Dec. (Q3)	Industries Sector	23	20	27	30
Fourth quarter	31 st May	Jan – Mar (Q4)	Services Sector	20	19	23	38

The Quarterly Estimates are first compiled at Constant Prices on the basis of data sets provided by the concerned departments of commodity producing sectors viz., Agriculture, Horticulture, Livestock, Fishing and Mining sectors. In respect of Industries sector, viz., Electricity, Manufacturing (Regd. and Un-Regd.), IIP and price indices like WPI, which indicate the trends of production and price changes in those sectors are used in compiling the quarterly estimates. In respect of Services Sector for which the data from SES rounds is the main source, the Sector wise Annual Estimates are worked out and using the trend available from past years data, annual estimate is arrived and apportioned among the 4 quarters of the year. For the Supra regional sectors, based on the All India quarterly estimates; keeping in view the trends of the State economy, the Quarterly Estimates are compiled.

The Quarterly Estimates are compiled at constant prices only. To arrive estimates at Current prices, industry wise implicit price deflator (IPD) is applied to the QGSDP at constant Prices. Keeping in view the past trends, the Quarterly Targets for 2015-16 are worked out based on the two years average sector wise quarterly contributions in the overall GSDP estimates. The projected estimates may vary depending on the performance of the different sectors of the Economy which is influenced by various factors.

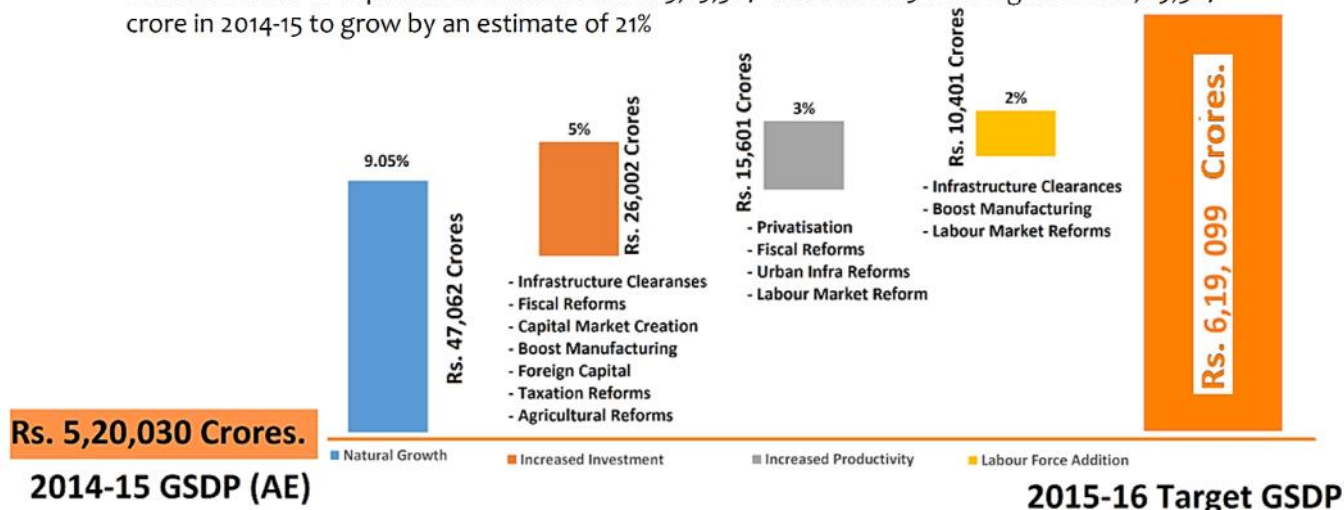
3. GSDP (Current prices) Targets for 2015-16

The State of Andhra Pradesh envisions to be the best state in the Country by 2029-30. Registering double digit growth rate is an important step towards achieving inclusive growth and bring about a structural change in the economy and leading investment destination in the world by 2050-2051. It is envisaged that the total GSDP grows by around 19% to achieve the target of Rs.6,19,099crore (at current prices) as against Rs. 520,030 crore in 2014-15.



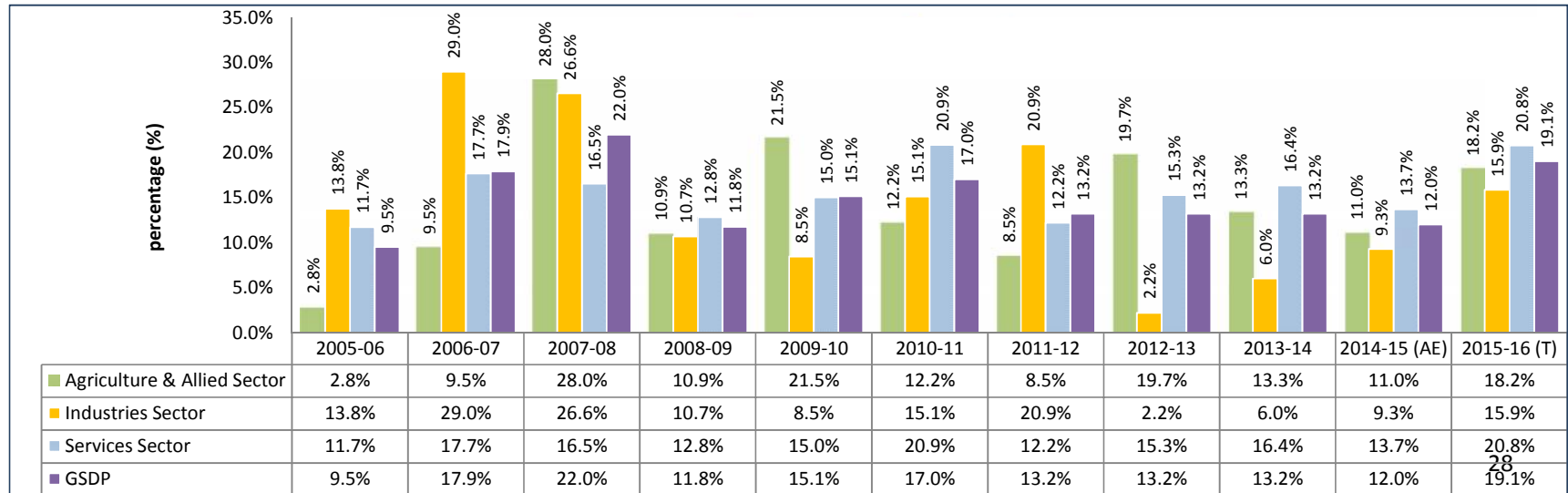
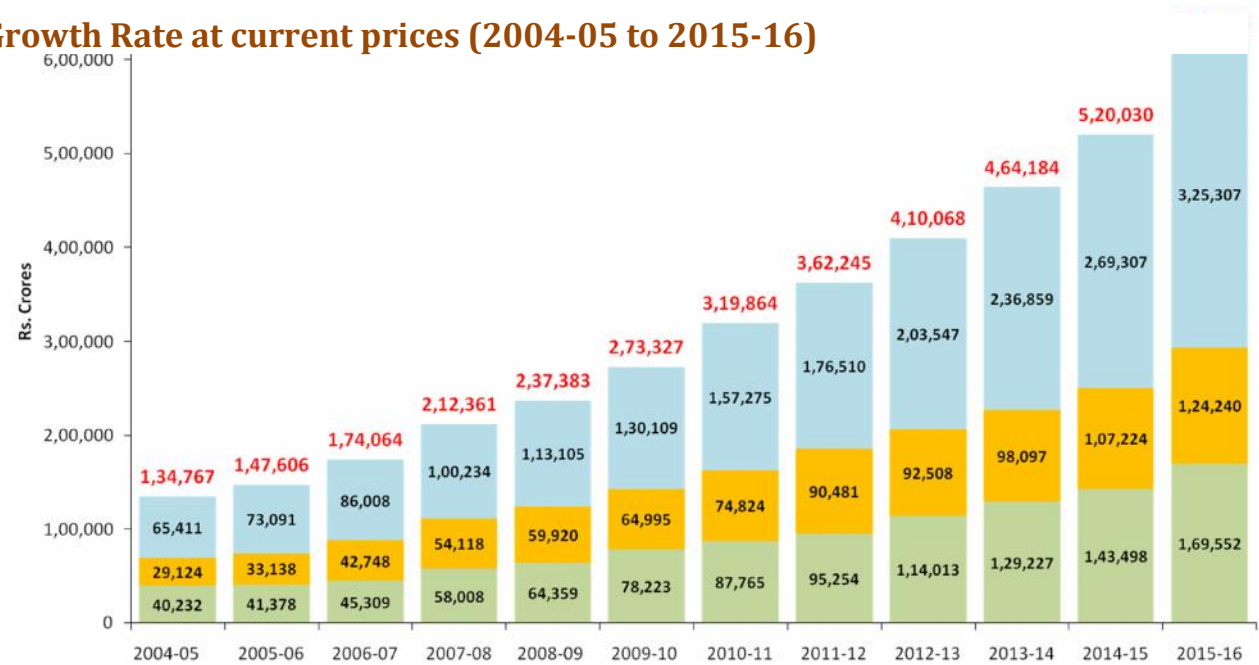
A GSDP target of Rs. 6,19,099crore has been planned for 2015-16. This would result in an increment of Rs. 99069 crore in 2015-16 compared to an increment of Rs. 55846 crore in 2014-15.

- Agriculture and allied sector is expected to contribute Rs. 169552 crore in 2015-16 as against Rs.1,43,498 Crore in 2014-15 registering a growth of over 18%
- Industry Sector is expected to contribute Rs. 124240 crore in 2015-16 to the GSDP as against Rs.1,07,224 Crore in 2014-15 registering a growth of 16%
- Services sector is expected to contribute Rs. 3,25,307 crore in 2015-16 as against Rs.2,69,307 crore in 2014-15 to grow by an estimate of 21%



Broad Strategies/Interventions to Achieve Double Digit Growth		
Agriculture	Industry	Services
<ol style="list-style-type: none"> Soil health testing Appropriate use of Micro nutrients One time wetting to Groundnut (UI) crop Encouraging of maize crop in Kharif irrigated rice fallows Creating forward and backward linkages Promoting value change to Milk and Meat products Cold storage facilities/ marketing facilities Export oriented quality production of chillies under the guidance of ITC and production of other crops under organic farming 	<ol style="list-style-type: none"> Un interrupted power supply Banking plan to un-organized/ MSME Speedy clearance for major investments in industrial sectors Development of capital region, investment in industrial sector will stimulate construction sector 	<ol style="list-style-type: none"> Establishment of New Educational Institutions Improvement of Health services by establishing super-specialties Much encouragement to Tourism sector Growth of IT Sector High returns in Agriculture and Industry sector will have cascade effect on service sector

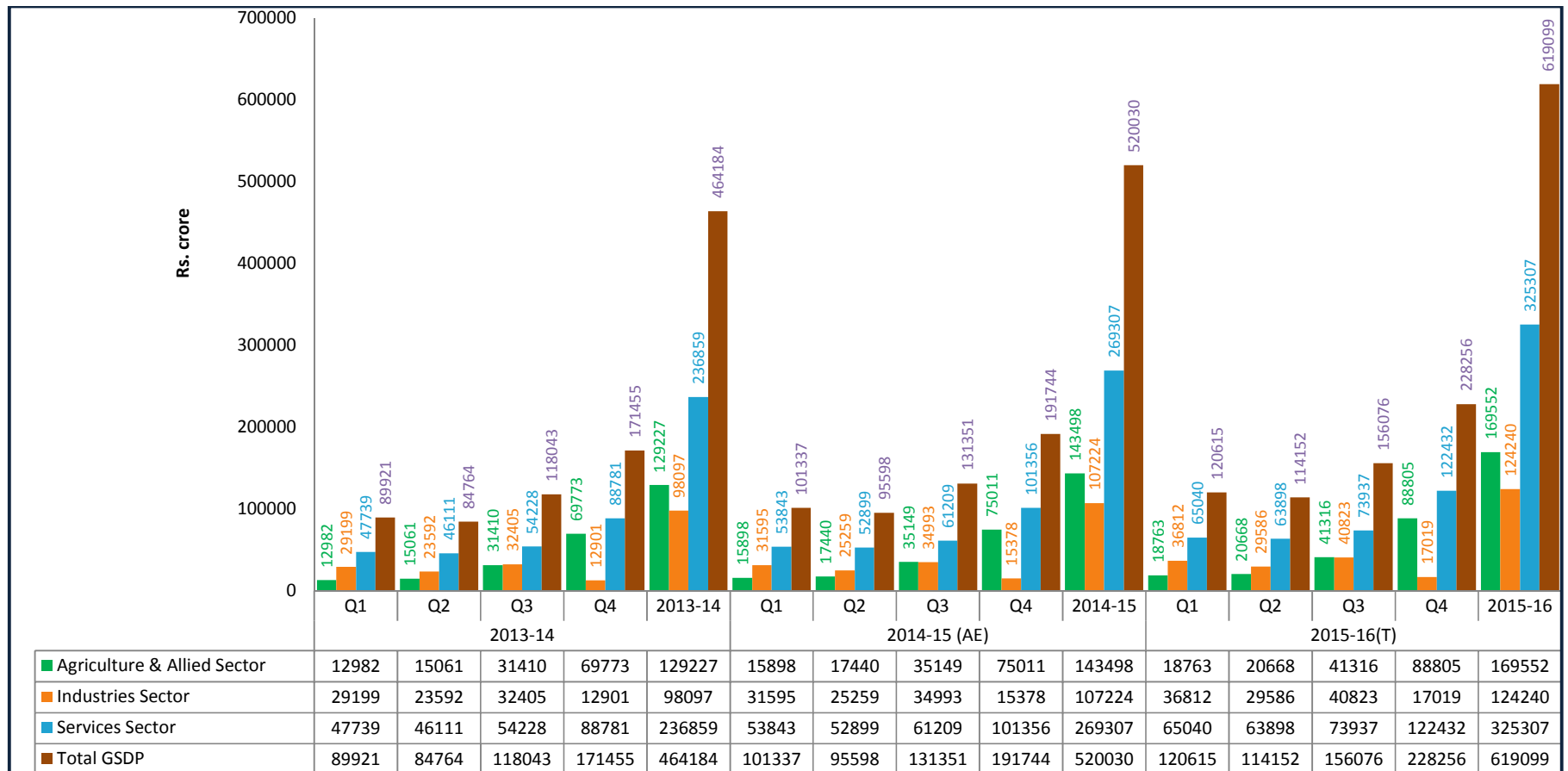
3.1 Sector Wise GSDP and Growth Rate at current prices (2004-05 to 2015-16)



3.2 Sub Sector Wise GVA Contribution at Current Prices (Rs. Crore)(2004-05 to 2015-16)

Sector		2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15 (AE)	2015-16 (T)
a) Agriculture		14674	14849	15548	23093	25035	28766	30748	30928	39034	41743	44566	50490
b) Horticulture		7242	7230	9495	12336	14473	20081	22769	22561	25823	33513	35418	42686
c) Livestock		10324	10725	11288	12569	13985	17768	20440	25784	30773	31856	36798	44241
d) Forestry & Logging		2007	2216	2333	2510	2653	2737	3361	4101	4290	4616	5393	6301
e) Fishing		5985	6358	6644	7500	8212	8871	10447	11879	14093	17499	21325	25834
Agriculture & Allied Sector		40232	41378	45309	58008	64359	78224	87765	95254	114013	129227	143498	169552
a) Mining & Quarrying		1995	2798	7034	8919	6723	6909	8057	10579	11204	8805	9162	10616
b) Manufacturing													
i. Registered		10302	10265	11742	15102	16979	17969	20255	27995	27413	29360	31893	36955
ii. Un-Registered		5166	5733	6448	7171	7741	8521	9323	11440	11367	12210	13865	16065
c) Electricity, Gas & Water Supply		3253	3259	3672	4957	5042	5912	7936	7738	7212	8373	9147	10598
d) Construction		8409	11083	13851	17969	23435	25683	29254	32729	35313	39349	43158	50007
Industry Sector		29124	33138	42748	54118	59920	64995	74825	90481	92508	98097	107224	124240
a) Trade, Hotel & Restaurants		18770	21546	27265	32397	32580	36983	44398	50794	55973	63437	71211	86019
b) Transport, Storage & Communications													
i. Railways		948	962	1129	1260	1380	1542	1567	2723	3269	3612	4398	5313
ii. Transport by Other means & Storage		7085	7678	8464	9782	11723	13624	17266	21964	28287	32938	37545	45352
iii. Communications		2550	2781	2896	3230	3849	4586	4548	4537	5256	6300	7883	9522
c) Financing, Insurance, Real estate & Business Services		5992	6376	7484	9005	11389	12322	15474	12918	14546	15923	17752	21443
d) Real estate, Ownership of Dwellings & Business Services		12670	14258	16133	19650	23120	26793	31548	36200	42471	49864	56572	68335
e) Public Administration		5329	5357	6213	6913	8441	9635	11152	12078	13739	16588	18559	22418
f) Other Services		12068	14132	16423	17997	20623	24624	31323	35297	40007	48197	55387	66905
Services Sector		65411	73091	86008	100234	113104	130109	157275	176510	203547	236859	269307	325307
GSDP (Current prices)		134767	147606	174064	212361	237383	273327	319864	362245	410068	464183	520030	619099

3.3 Sector Wise Quarterly Achievement and Estimates of GSDP(Current Prices)



3.4 Sub Sector Wise Quarterly Achievement of GSDP Current Prices (2013-14 to 2014-15)

Sector	2013-14					2014-15 (AE)				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
a) Agriculture	0	4098	18160	52998	75256	0	4342	19732	55908	79982
b) Live stock	7128	6389	9478	8860	31856	8362	8707	11050	8679	36798
c) Forestry & Logging	1269	1349	944	1053	4616	1319	1401	981	1692	5393
d) Fishing	4585	3224	2828	6862	17499	6217	2990	3386	8732	21325
Agriculture & Allied Sector	12982	15061	31410	69773	129227	15898	17440	35149	75011	143498
a) Mining & Quarrying	2153	1923	2003	2725	8805	2689	2155	2260	2058	9162
b) Manufacturing										
i. Registered	7303	7441	7483	7134	29360	7767	7680	7629	8817	31893
ii. Un-Registered	3329	3391	3411	2080	12210	3540	3500	3477	3347	13865
c) Electricity, Gas & Water Supply	2565	2604	2571	633	8373	3053	3050	2901	143	9147
d) Construction	13849	8233	16937	329	39349	14546	8873	18726	1013	43158
Industry Sector	29199	23592	32405	12901	98097	31595	25259	34993	15378	107224
a) Trade,Hotel& Restaurants	9135	9709	11657	32937	63437	10276	10618	12463	37855	71211
b) Transport, Storage & Communications										
i. Railways	474	552	516	2070	3612	525	597	595	2681	4398
ii. Transport by Other means & Storage	5100	4664	3860	19315	32938	5908	5298	4477	21862	37545
iii. Communications	1496	1656	818	2330	6300	1633	1873	910	3467	7883
c) Financing, Insurance, Real estate & Business Services	3770	3853	4932	3369	15923	4295	4731	5840	2886	17752
d) Real estate, Ownership of Dwellings & Business Services	9623	8582	14772	16887	49864	10745	10505	17088	18233	56572
e) Public Administration	5061	4772	3763	2992	16588	5744	5418	4190	3207	18559
f) Other Services	13082	12323	13910	8882	48197	14716	13860	15646	11165	55387
Services Sector	47739	46111	54228	88781	236859	53843	52899	61209	101356	269307
Total GSDP	89921	84764	118043	171455	464184	101337	95598	131351	191744	520030

3.5 Sub Sector Wise Quarterly Targets forGSDP (Current Prices) 2015-16

Sectors	2015-16(Target)								
	Q1 (Apr-Jun)	31st August Results	Q2 (Jul-Sep)	30th Nov. Results	Q3 (Oct-Dec)	28th Feb Results	Q4 (Jan-Mar)	31st May Results	Total
a) Agriculture	0.00		5066		22736		65374		93176
b) Live stock	9977		9671		13224		11370		44241
c) Forestry & Logging	1637		1740		1217		1707		6301
d) Fishing	7150		4191		4138		10354		25834
Agriculture & Allied Sectorr	18763		20668		41316		88805		169552
a) Mining & Quarrying	2856		2408		2517		2835		10616
b) Manufacturing									
i. Registered	9096		9132		9129		9598		36955
ii. Un-Registered	4241		4259		4258		3307		16065
c) Electricity, Gas & Water Supply	3392		3415		3307		484		10598
d) Construction	17228		10372		21612		796		50007
Industry Sector	36812		29586		40823		17019		124240
a) Trade, Hotel & Restaurants	12413		12826		15054		45726		86019
b) Transport, Storage & Communications									
i. Railways	635		721		719		3239		5313
ii. Transport by Other means & Storage	7137		6399		5408		26408		45352
iii. Communications	1972		2262		1099		4188		9522
c) Financing, Insurance, Real estate & Business Services	5188		5715		7055		3486		21443
d) Real estate, Ownership of Dwellings & Business Services	12979		12689		20642		22025		68335
e) Public Administration	6939		6544		5061		3874		22418
f) Other Services	17776		16743		18899		13487		66905
Services Sector	65040		63898		73937		122432		325307
Total GSDP	120615		114152		156076		228256		619099

Quarterly achievements released on the above mentioned dated, will be compared to the proposed quarterly targets. Based on achievements of the targets, strategies and interventions will be adjusted.

4. District Wise Sectoral GVA Targets (Rs. Crore) and Rank- 2015-16

District	Year	Agriculture & Allied Sector	Industry Sector	Services Sector	Total GSDP
SRIKAULAM	2014-15	4855	4114	10973	19942
	2015-16	5711	4767	13255	23733
VIZIANAGARAM	2014-15	4961	3148	10272	18382
	2015-16	5848	3648	12408	21904
VISAKHAPATNAM	2014-15	6300	21654	45321	73276
	2015-16	7456	25091	54745	87292
EAST GODAVARI	2014-15	16093	10857	25343	52294
	2015-16	19049	12580	30613	62242
WEST GODAVARI	2014-15	18385	7086	20491	45963
	2015-16	21834	8211	24752	54797
KRISHNA	2014-15	17780	8967	35979	62726
	2015-16	21149	10390	43460	74999
GUNTUR	2014-15	16111	8770	24841	49722
	2015-16	18956	10162	30007	59125
PRAKASAM	2014-15	12875	7897	15190	35962
	2015-16	15190	9151	18348	42689
NELLORE	2014-15	9729	6320	14433	30482
	2015-16	11558	7323	17434	36316
CHITTOOR	2014-15	8226	7667	18849	34742
	2015-16	9716	8884	22768	41368
YSR	2014-15	6204	6935	13203	26342
	2015-16	7275	8035	15949	31259
ANANTHAPURAMU	2014-15	9944	7752	18142	35838
	2015-16	11682	8982	21914	42579
KURNOOL	2014-15	12035	6055	16269	34359
	2015-16	14128	7016	19652	40796
ANDHRA PRADESH	2014-15	143498	107224	269307	520030
	2015-16	169552	124240	325307	619099

District Rank -Sector Wise (2015-16)	Agriculture & Allied Sector	Industry Sector	Services Sector	GSDP	Growth YoY
VISAKHAPATNAM	10	1	1	1	19.13%
KRISHNA	2	3	2	2	19.57%
EAST GODAVARI	3	2	3	3	19.02%
GUNTUR	4	4	4	4	18.91%
WEST GODAVARI	1	8	5	5	19.22%
PRAKASAM	5	5	9	6	18.71%
ANANTHAPURAMU	7	6	7	7	18.81%
CHITTOOR	9	7	6	8	19.07%
KURNOOL	6	11	8	9	18.73%
NELLORE	8	10	10	10	19.14%
YSR KADAPA	11	9	11	11	18.67%
SRIKAULAM	13	12	12	12	19.01%
VIZIANAGARAM	12	13	13	13	19.16%

5. Agriculture and Allied Sector

Primary sector in Andhra Pradesh accounted for over 27% of the State's GSDP or Rs. 1.43 lakh crore in 2014-15. This contribution is expected to increase to Rs. 1.69 lakh crore in 2015-16. The 18.2% increase in primary sector is expected through consorted effort between the departments, district collectors, farmers and other stakeholders. Key activities proposed for increased production and productivity include; area expansion for crops, provision of irrigation facilities and micronutrients and quality seeds, increased mechanisation, formation of Farmer Producer Organisations (FPOs), introduction of favorable policies and provision of better post-harvest infrastructure.

Primary Sector Contributions

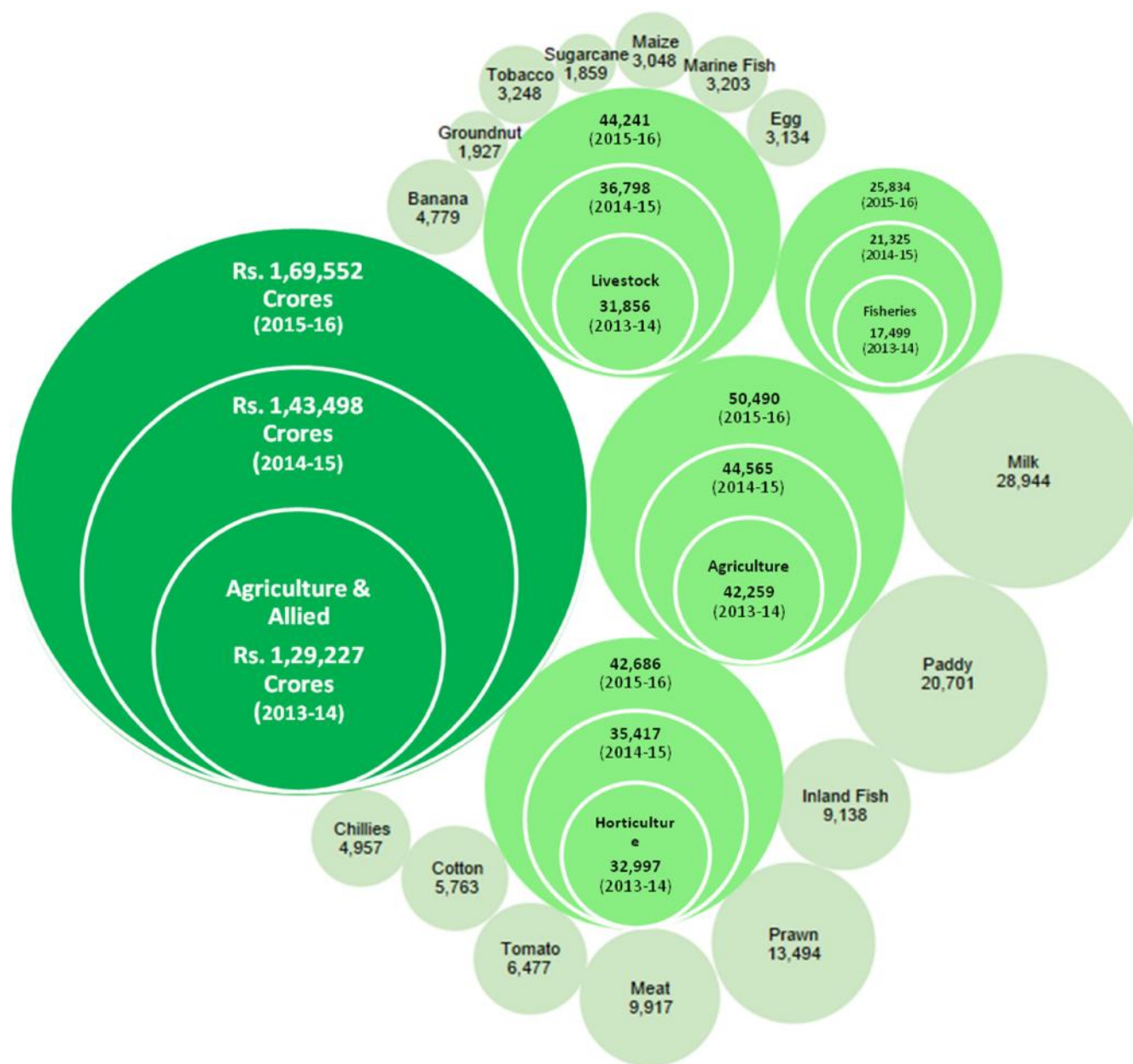
- Primary sector in Andhra Pradesh accounts for 27% of the State GSDP
- Contribution from primary sector is expected to increase to Rs. 1.69 lakh crore in 2015-16 compared to Rs. 1.43 lakh crore in 2014-15 (a growth of 18.2%)
- Agriculture is the largest contributor to the primary sector accounting for over 30% of the primary sector followed by livestock at 26%, horticulture at 25% and fisheries at 15%
- The sector has witnessed a compounded annual growth rate of 13% during 2005-06 to 2014-15.
- Horticulture is fastest growing component of the primary sector growing at CAGR of over 19.3% between 2005-06 and 2014-15 followed by livestock at 14.7%
- Primary sector provides employment to 46 lakh farm families or around 62% of the state's population.
- Andhra Pradesh has a total cultivation area of 63.54 lakh ha covering rice, oilseeds, pulses, cotton, maize, tobacco, vegetables, fruits, oil palm and others
- The Agriculture sector contributed an estimated amount of Rs. 1.43 lakh crore to the State GSDP in 2014-15 registering an annual increase of 11% from Rs. 1.29 lakh crore in 2013-14.

Sectoral Targets (at Current prices):

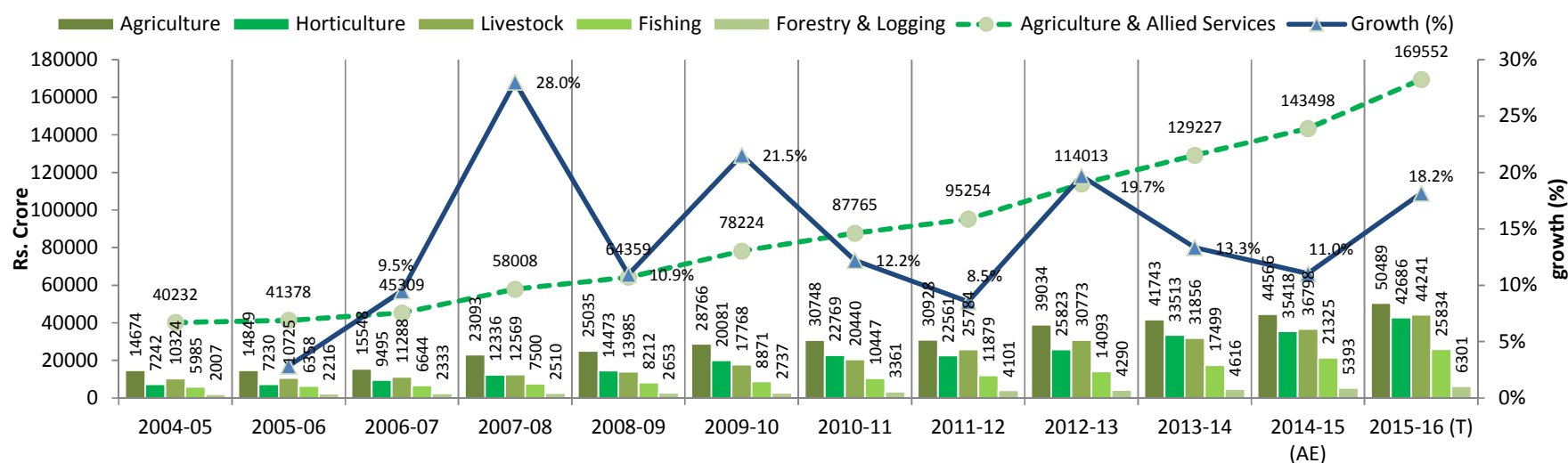
- **Agriculture:** Agriculture's contribution to GSDP is expected to increase to Rs. 50,490 crore in 2015-16 from Rs. Rs. 44,565 crore in 2014-15.
- **Horticulture:** A GSDP target of Rs. 42,686 crore have been proposed for the year 2015-16 and a production target for the identified major crops has been set at 172 lakh tonnes for the year 2015-16.
- **Livestock Sector:** The livestock sector has a potential to increase its contribution to GSDP by 20% to Rs. 44,241 crore for the year 2015-16 contributing an additional Rs. 7443 crore.
- **Fisheries Sector:** The target is to increase its contribution to GSDP from Rs. 21,325 crore in 2014-15 to Rs. 25834 crore in 2015-16.

5.1 Performance of Agriculture & Allied Services – GSDP

(Current prices) (2013-14 to 2015-16)



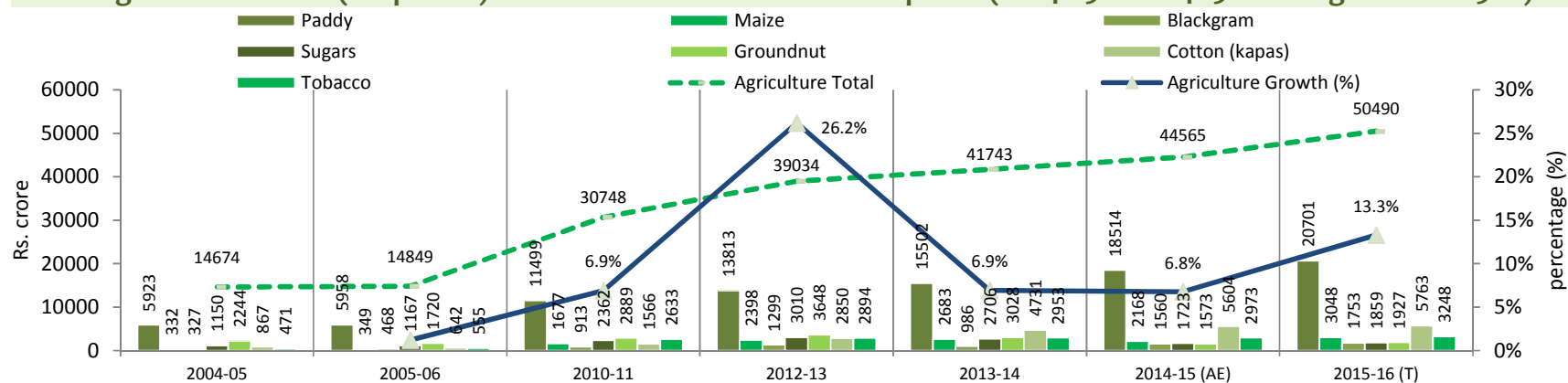
5.2 Agriculture and Allied Services – GSDP Contribution and Growth Rate (current prices) (2004-05 to 2014-15 and Targets for 2015-16)



	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15 (AE)	2015-16 (T)
i. Agriculture	14674	14849	15548	23093	25035	28766	30748	30928	39034	41743	44566	50489
ii. Horticulture	7242	7230	9495	12336	14473	20081	22769	22561	25823	33513	35418	42686
iii. Livestock	10324	10725	11288	12569	13985	17768	20440	25784	30773	31856	36798	44241
iv. Fishing	5985	6358	6644	7500	8212	8871	10447	11879	14093	17499	21325	25834
v. Forestry & Logging	2007	2216	2333	2510	2653	2737	3361	4101	4290	4616	5393	6301
Agriculture & Allied Services	40232	41378	45309	58008	64359	78224	87765	95254	114013	129227	143498	169552
i. Agriculture(YoY growth %)		1.2%	4.7%	48.5%	8.4%	14.9%	6.9%	0.6%	26.2%	6.9%	6.8%	13.3%
ii. Horticulture(YoY growth %)		-0.2%	31.3%	29.9%	17.3%	38.7%	13.4%	-0.9%	14.5%	29.8%	5.7%	20.5%
iii. Livestock (YoY growth %)		3.9%	5.2%	11.4%	11.3%	27.0%	15.0%	26.1%	19.3%	3.5%	15.5%	20.2%
iv. Fishing (YoY growth %)		6.2%	4.5%	12.9%	9.5%	8.0%	17.8%	13.7%	18.6%	24.2%	21.9%	21.1%
v. Forestry (YoY growth %)		10.4%	5.3%	7.6%	5.7%	3.2%	22.8%	22.0%	4.6%	7.6%	16.8%	16.8%
Agriculture & Allied Services (YoY growth %)		2.8%	9.5%	28.0%	10.9%	21.5%	12.2%	8.5%	19.7%	13.3%	11.0%	18.2%

6. Agriculture Sector

6.1 Agriculture Sector (Crop Wise)GVA and Growth Rate at current prices (2004-05 to 2014-15 and Targets for 2015-16)



(Rs. Crore)	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15 (AE)	2015-16 (T)
1. Paddy	5923	5958	6747	9165	10994	11863	11499	12189	13813	15502	18514	20701
2. Maize	332	349	452	737	1438	1198	1677	1846	2398	2683	2168	3048
3. Blackgram	327	468	825	435	469	1035	913	1065	1299	986	1560	1753
4. Sugars	1150	1167	1396	1379	1524	1904	2362	3021	3010	2706	1723	1859
5. Groundnut	2244	1720	912	4449	1392	1535	2889	2145	3648	3028	1573	1927
6. Cotton	867	642	618	1005	1288	1333	1566	1637	2850	4731	5604	5763
7. Tobacco	471	555	499	580	2065	3174	2633	2300	2894	2953	2973	3248
Agriculture Total	14674	14849	15548	23093	25035	28766	30748	30928	39034	41743	44565	50490
Paddy (YoY growth %)		0.6%	13.2%	35.8%	20.0%	7.9%	-3.1%	6.0%	13.3%	12.2%	19.4%	11.8%
Maize(YoY growth %)		5.2%	29.5%	63.0%	95.0%	-16.7%	39.9%	10.1%	29.9%	11.9%	-19.2%	40.6%
Blackgram(YoY growth %)		43.2%	76.2%	-47.2%	7.7%	120.8%	-11.8%	16.6%	22.0%	-24.1%	58.2%	12.4%
Sugars(YoY growth %)		1.5%	19.6%	-1.2%	10.5%	24.9%	24.1%	27.9%	-0.3%	-10.1%	-36.4%	7.9%
Groundnut(YoY growth %)		-23.3%	-47.0%	387.8%	-68.7%	10.2%	88.2%	-25.8%	70.1%	-17.0%	-48.1%	22.5%
Cotton (YoY growth %)		-26.0%	-3.7%	62.6%	28.2%	3.5%	17.5%	4.5%	74.1%	66.0%	18.5%	2.8%
Tobacco(YoY growth %)		17.6%	-9.9%	16.2%	255.9%	53.7%	-17.0%	-12.6%	25.8%	2.1%	0.7%	9.3%
Agriculture Total		1.2%	4.7%	48.5%	8.4%	14.9%	6.9%	0.6%	26.2%	6.9%	6.8%	13.3%

6.2 Major Agriculture Crops GVA and Production (2013-14 to 2014-15 and 2015-16 targets)

GROWTH ENGINES	2013-14		2014-15		2015-16(Targeted)	
	Production ('000 MT tonnes)	GVA (in Rs. Crore)	Production ('000 MT tonnes)	GVA	Production ('000 MT tonnes)	GVA (in Rs. Crore)
Paddy	11,990	15,502	12315	18514	13770	20701
Groundnut	881	3,028	498	1573	610	1927
Sugarcane	7,558	2,706	10787	1723	11644	1859
Tobacco	276	2,953	259	2973	283	3248
Cotton	1,116	4,730	1449	5604	1490	5763
Maize	2,214	2,683	1883	2168	2647	3048
Bengalgram	648	1,814	419	1031	593	1460
Redgram	104	389	85	337	110	437
Rest of Agri.		7938		10642		12047
Total GVA		41,743		44565		50490

- Paddy, Cotton, Tobacco and Maize together contribute over 65% of the agriculture sector contribution to GSDP

- Contribution from Cotton and Maize has registered the highest CAGR of over 27% between 2005-06 and 2014-15 followed by paddy at 14%

- Contribution in Q4 is expected to be the highest at over 50% of the total annual contribution.

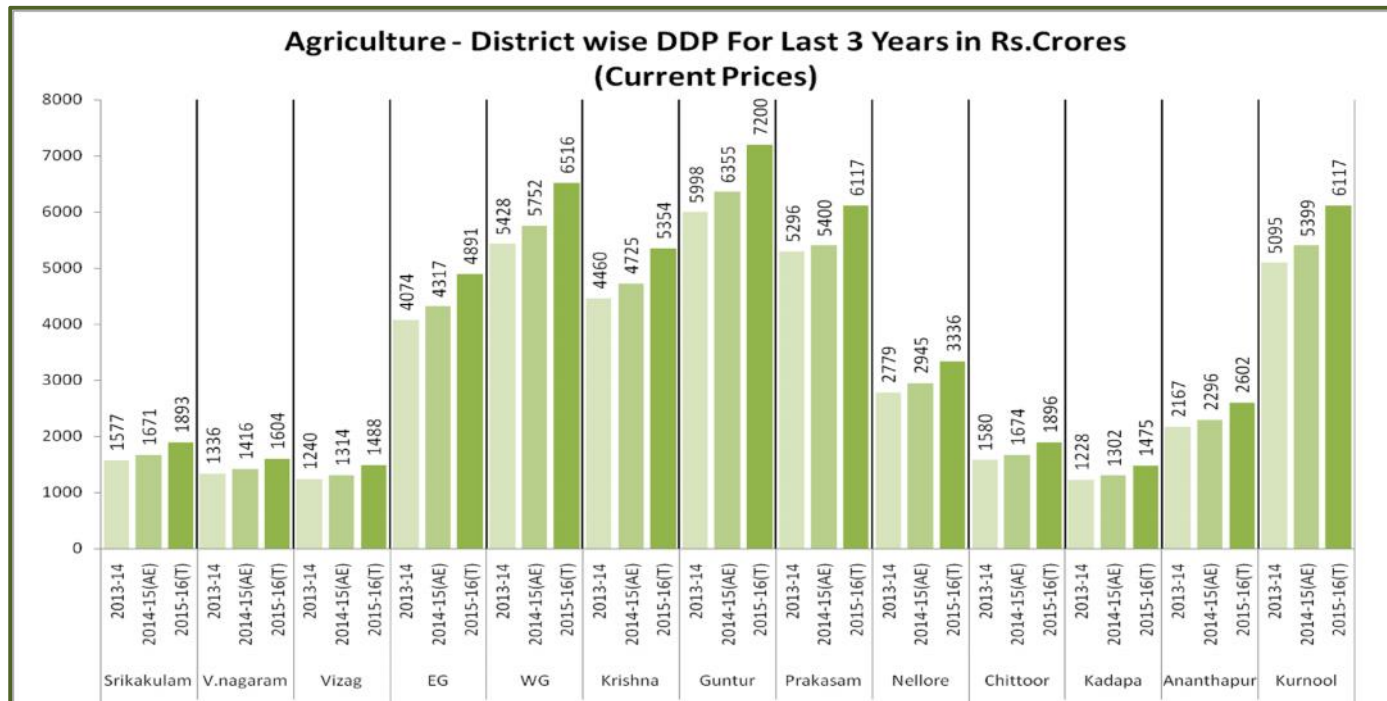
6.3 District Wise Agriculture Crops GVA (Rs. Crore) Targets for 2015-16-Crop Wise GVA contribution for Districts – 2015-16

	Anantapur	Chittoor	East Godavari	West Godavari	Guntur	Krishna	Kurnool	Nellore	Prakasam	Srikakulam	Visakhapatnam	Vizianagaram	Kadapa
PADDY	210	356	3641	3854	2770	2503	1114	2426	1030	1118	432	825	415
COTTON	251		111	28	2215	322	1893	48	585	84	24	87	111
TOBACCO			113	715	213	113	138	125	1806		0	13	
MAIZE	123	105	175	675	770	264	317	10	209	126	29	207	37
GROUNDNUT	1076	271		19	39	12	255	70	35	31	8	23	85
SUGARCANE		385	211	275		277		77		80	335	175	
BLACKGRAM			31	71	341	736		80	89	206	55	83	
BENGALGRAM	150				42		732	28	341				164
GREENGRAM			40	49	256	95		81		134	18	45	
JOWAR					199		209		40				25
REDGRAM	31				82		113		180				
SESAMUM									26			58	42
SUNFLOWER	3						37		30				33
CASTOR							60		3				
RAGI		8									37		
MESTA										9		11	
BAJRA									15				
Remaining	758	771	569	830	273	1032	1249	391	1728	106	550	77	563
Total Agri.	2602	1896	4891	6516	7200	5354	6117	3336	6117	1893	1488	1604	1475

The crop GVAs for all districts are worked out on respective district GVO:GVA ratio and does not sum up to State GVA

6.4 District Wise Agriculture Crops Production ('000 tonnes) Targets for 2015-16

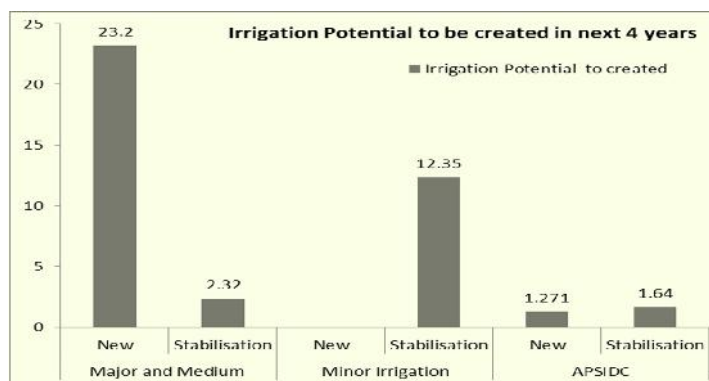
	Anantapur	Chittoor	East Godavari	West Godavari	Guntur	Krishna	Kurnool	Nellore	Prakasam	Srikakulam	Visakhapatnam	Vizianagaram	Kadapa
PADDY	140	237	2422	2567	1843	1665	741	1613	685	744	287	549	276
SUGARCANE		2419	1324	1723		1735		484		503	2103	1096	
MAIZE	107	91	152	586	669	229	276	8	181	110	25	180	32
COTTON	65		29	7	573	83	489	12	151	22	6	23	29
GROUNDNUT	341	86		6	12	4	81	22	11	10	2	7	27
BENGALGRAM	61				17		297	11	139				67
JOWAR					142		151		31				22
TOBACCO			10	62	19	10	12	11	157		0	1	
BLACKGRAM			7	10	38	128		21	19	27	6	11	
GREENGRAM			6	8	45	17		12		22	3	8	
REDGRAM	8				21		28		45				
MESTA										22		32	
SUNFLOWER	1						12		11				14
RAGI		6									23		
CASTOR							20		1				
SESAMUM					0				3			8	6
BAJRA									12				



6.5 Key Strategies /Interventions Proposed to Achieve Double Digit Inclusive Growth in Agriculture and Horticulture Sector

i. Focusing on Irrigation for Sustained Growth

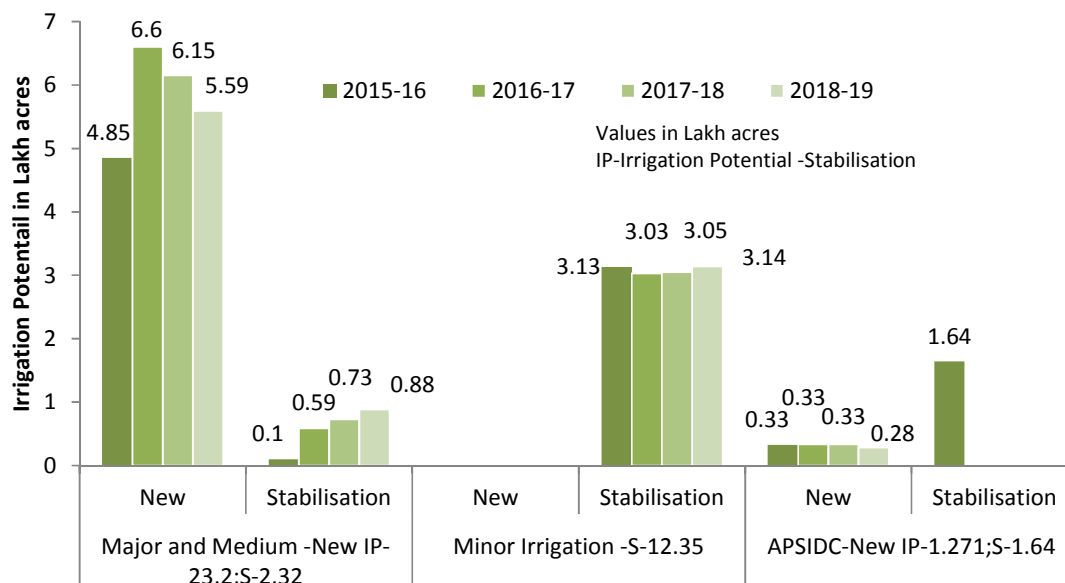
The Government has given top priority for the completion of prioritized irrigation projects and bridging of gap ayacut. The Government has taken up Major and medium irrigation projects besides modernization of delta systems, and flood banks to create new irrigation potential and stabilisation of the ayacut in Irrigation sector.



- Creation of new Irrigation potential of 23.20 lakh acres and stabilisation of 2.32 lakh acres in Major and medium irrigation systems
- Bridging the gap ayacut of 12.35 lakh acres in Minor Irrigation systems through RRR and NREGS funds
- Creation of new ayacut of 1.27 lakh acres and stabilization of 1.64 ayacut in APSIDC

Action Plan of Irrigation for next 4 years

Details of the critical identified projects for creation of new and stabilization of existing Major, Medium and new Irrigation Potential for the years 2015-16; 2016-17; 2017-18 and 2018-19 are listed below.



ii. NTR JalaSiri

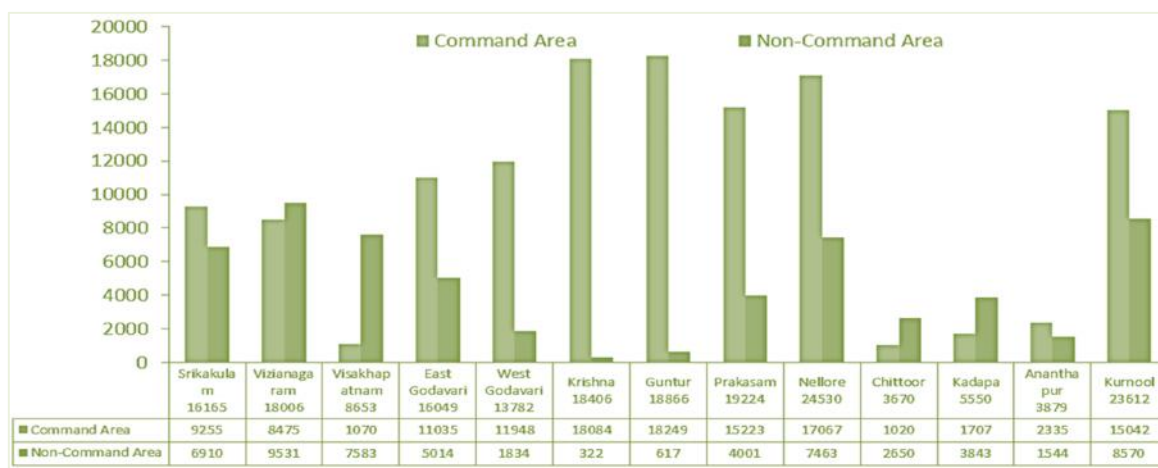
This critical anti-poverty measure is aimed to establish equity in access to the poorest of poor to irrigation options in villages. It is proposed to provide equitable and judicious access to irrigation for rural poor households resulting not only in optimum use of water but for intensive cultivation that will provide livelihoods. The following initiatives have been outlined for addressing the needs for the poor.

- 1.103 lakh acres of irrigation potential created in non-command area through 9697 bore wells
- This benefitted 44438-SC/ST farmers (SC-30181 and ST-14257)
- Major anti-poverty initiative (expected annual income per HH not less than Rs. 20,000/- per acre)
- New irrigation potential of 10.80 lakh acres proposed to be created through 1.90 lakh bore well across the state over a period of 18 months (ie.,2015-16 to 2016-17)

Year	Area	Lakh Acres	No. of bore wells	Source of fund (Rs. in Crore)			Total
				MGNREGS	NABARD/RIDF	Farmers' contribution	
2014-15	Non-Command area (For SC/ST only)	1.10	0.10	80	100	-	180
2015-16 to 2016-17	Command area	7.80	1.30	392	916	259	1566
	Non-Command area	3.00	0.60	269	630	178	1078
	Total	11.90	2.00	741	1646	437	2824

It is expected that the creation of new IP of 11.9 lakh acres through bore well irrigation under NTR JalaSiri programme will generate additional agricultural income of **Rs.5980 Cr.** at a cost of Rs. 2838 crore.

District wise -Feasible wells for the year 2015-16 to 2016-17



iii. Micro & Secondary Nutrients Mission Soil Test Based Technology

Soil fertility degradation due to extensive mining and mismanagement over the years has led to appearance of multi-nutrient deficiencies like zinc (Zn), boron (B), sulphur (S) in addition to low levels of soil organic carbon (C), nitrogen (N), phosphorus (P) and potassium (K). Having seen the benefits in the past and in a quest to get higher yields, farmers in many parts are using indiscriminate amounts of NPK fertilizers, but without getting the desired results. Micro- and secondary nutrient deficiencies are apparently limiting the realization of optimum yields, and use efficiency of macronutrients as well. Soil test-based fertilizer management with focus on micro- and secondary nutrients is needed for sustainable intensification and resilience-building of production systems.

Micro- & Secondary Nutrients: Projected benefits and costs in agricultural crops in Andhra Pradesh (2015-16)

Area targeted (L ha)	Costs (crores)			Addition in value (crore)
	Micro- nutrients	Misc*	Total	
Benefits with direct application of nutrients				
17 ¹	173	7	180	735
Residual benefits in Rabi season				
5	-	-	-	215
Total	173	7	180	950

*In addition to input costs, other costs include incentives to lead farmers' facilitators and trainings

The district wise plan of soil test-based application of micronutrients along with costs is as under;

District	Area (ha)	Micronutrient fertilizers (MTs)			Costs (crores)		
		Zinc sulphate	Borax	Gypsum	Fertilizers	Misc*	Total
Srikakulam	110700	1800	44	5000	9.05	0.45	9.5
Vizianagaram	78500	1350	35	5000	7.25	0.32	7.57
Visakhapatnam	47400	1000	25	3200	5.19	0.19	5.38
East Godavari	121200	3200	55	5000	14.52	0.5	15.02
West Godavari	124600	3500	60	5000	15.71	0.51	16.22
Krishna	169900	3500	80	6000	16.23	0.7	16.93
Guntur	265055	4200	110	6000	19.16	1.09	20.25
Prakasam	65100	1700	40	4000	8.28	0.27	8.55
Nellore	40100	1000	20	2000	4.71	0.16	4.87
Chittoor	70105	1200	50	12000	9.28	0.29	9.57
Kadapa	73500	1600	50	10000	10.10	0.3	10.4
Kurnool	180440	3600	100	12000	18.90	0.74	19.64
Anantapur	363130	5000	205	37504	34.20	1.49	35.69
Total	1709730	32650	874	112704	173	7	180

*Misc. costs include incentives to lead farmers as facilitators and training of farmers/stakeholders; 50% micro- & secondary nutrients costs (zinc sulphate, borax, gypsum) to be borne by farmers

Nutrient management scaling out strategy

- Department of Agriculture will arrange and distribute micro- and secondary- nutrients to 17 L ha agricultural farmers (in addition to 4.6 L ha vegetable and horticultural farmers thru convergence).
- The human resource issue is to be handled by training lead-farmers to develop into extension agents (incentive-based) and facilitate adoption of soil test-based fertilization by farmers.
- Mandal-level fertilizer recommendations to be promoted.
- For micro- and secondary nutrients, full dose to be added if >50% deficient fields in a mandal; half dose if 25%-50% deficient fields; 1/4th dose if 10-25% deficient fields and no dose if up to 9% deficient fields in a mandal.
- Full dose of S, B and Zn on yearly basis is 15 kg ha⁻¹, 0.25 kg ha⁻¹ and 5 kg ha⁻¹, respectively.

¹paddy, maize, groundnut, cotton and other crops

iv. Micro-irrigation and Fertigation

Depleting water resources along with climate-induced projected water scarcity, demand a sound plan in water management. Existing irrigation system in many command areas is faulty and farmers face water-scarcity during different periods of the year. Micro-irrigation not only helps in enhancing water use efficiency and expanding areas under irrigation through saved water, but also improves productivity through regulated water supply. (Water use efficiency of micro-irrigation system is 70-90% compared to 20-40% in flood irrigation). There is vast scope to improve best practices with reference to water management in existing micro-irrigation systems with farmers. Moreover, the micro-irrigation systems can be effectively used for regulated supply of essential plant nutrients i.e. Fertigation and soil test-based addition of micro- and secondary nutrients. The plan for 2015-16 is as follows:

- Enhancing productivity in existing micro-irrigation system in 4.60 Lakh ha through Fertigation along with soil test-based addition of micro- and secondary nutrients.
- For implementation of Fertigation and best water use practices in existing MI systems an investment of Rs. 60 crore budget is required; and this is expected to add to GVA by 1200 crore.

The district-wise plan for implementing Fertigation and best water use practices along with costs (APMIP) is as under;

S. No.	District	Area under MI till 2013-14 (ha)	Target area during 2015-16 (ha)	Total Cost (Rs Lakhs)
1	Srikakulam	9337	7800	101.7
2	Vizianagaram	14176	11850	154.6
3	Visakhapatnam	12051	10100	131.7
4	East Godavari	18177	15200	198.3
5	West Godavari	40497	33850	441.5
6	Krishna	23789	19900	259.6
7	Guntur	17487	14600	190.4
8	Prakasam	25750	21550	281.1
9	Nellore	25564	21350	278.5
10	Chittoor	72826	60850	793.7
11	Kadapa	80789	67500	880.4
12	Anantapur	171393	143250	1868.5
13	Kurnool	38553	32200	420.0
	Total	550389	460000	6000.0

*Costs are included for facilitating micro- & secondary nutrient fertilizers (zinc sulphate, agribor/borax, gupsum) to farmers and training/publicity costs of farmers/stakeholders; 50% micro- & secondary nutrients costs are to be borne by farmers.

Promoting Farmer Producer Organisations (FPOs)

FPO is means of improving efficiency (and streamlining processes) in supply chain, thereby creating enabling conditions for double digit growth in primary sector. Collectivization of producers, especially small and marginal farmers, into producer organizations has emerged as one of the most effective pathways to address the many challenges of agriculture but most importantly, improved access to investments, technology and inputs and markets. All the concerned departments and institutions in the state of Andhra Pradesh will be actively involved in organizing FPOs. Each FPO will be formed with at least 500 members to start with; and membership will be expanded up to 5000 over period of 2-3 years.

Responsible departments:

The departments of Horticulture, Agriculture, Fisheries and Animal Husbandry and the Society for Eradication of Rural Poverty (SERP) are responsible to form and strength FPOs. About 6 lakh producers will be organised into 200 FPOs across 13 districts. It may be noted that SERP will form both farm and non-farm based FPOs. NABCON will provide technical support to these departments/institutions.

Strategies and targets for 2015-16

Institution	No. of FPOs	Producers
SERP	60	Drawing 2Lakh SHG members involved in different farm and non-farm activities
Department of Horticulture	98 ²	Organising farmers banana, tomato, Chillies, vegetables, papaya and other horticulture crops
Department of animal husbandry	20	Organising milk, meat and egg producers
Department of fisheries	20	Organising small and marginal farmers in shrimp culture
Agriculture department	50	Organising producers of paddy, Maize, etc
Department of Rural development	390	A special intervention will be taken in all these watersheds for promotion of FPOs on the lines of NABARD. In all completed watersheds a two year special project for promotion of FPOs will be taken up.
NABARD	115	NABARD has formed 40 FPOs in 2013-14; and it has plans to scale up to 75 FPOs in 2015-16. Convergence with NABARD is to be explored.

**The targets include FPOs promoted by ICRISAT under pilot initiatives of primary sector*

²48 FPOs have already identified

FPO Facilitation costs:

FPO facilitation involves organising producers (organising common interest groups, equity mobilization and federating them into FPOs), registration of FPOs, capacity building, exposure visits, development of business plan, etc.

Institution	Particulars
NABCONS	It has agreed to act as resource organisation for nurturing FPOs; and supporting GoAP in capacity building (including capacities of all departments), registration of FPOs, preparing DPRs and identification of forward and backward linkages.
NABARD	NABARD has formed 40 FPOs in 2013-14; and it has plans to scale up 75 FPOs in 2015-16.
GoAP	The respective department will put up a proposal to GoAP for FPOs not funded by NABARD

CAPEX cost for FPOs:

The capital for FPO includes share capital of members, bank credit, and funds mobilised from various government programmes. CAPEX costs such as infrastructure related to post harvest activities, value addition, storage, marketing, etc. will be met from the following sources.

Source	Particulars
Share capital	Rs. 500 to 1000 per member (staggered manner) Rs.1000 per member as a share capital from designated bank
Banking plan	A banking plan for Rs. 300 crore for credit support to FPOs will be developed and implemented.
Livelihood fund of IWDP	Making effective use of 23% funds earmarked for livelihood component in 390 IWDP watersheds
RKVY	RKVY funds available with the concerned departments
SFAC	Linking FPOs with credit guarantee fund and equity grant fund of the Small Farmers Agri consortium (SFAC).
Other programs/ schemes	Facilitating linkages with subsidies and appropriate government schemes

FPO and contribution to GDP:

It will enhance income of farmers with their involvement in value chain. And it contributes to redistribution of income flow in supply chain. FPOs also enhance production through twin-process of efficiency and economies of scale adding to GDP.

6.6 Agriculture - District-wise Quarter-wise Requirement of Fund for 2015-16 (Amount Rs. in lakhs)

District	PolamPilusthondi&ChandrannaRythuKshetralu	Soil and water conservation Programmes	IT Enabled programme-Supply of tabs and other equipment to staff	Farm mechanization	Extension	Integrated Nutrient Management	Polambadi	RashtriyaKrishiVikasYoja (RKVY)
Srikakulam	54.7	203.8	13.4	772.8	397.8	579.0	5.7	266.0
Vizianagaram	64.2	81.5	12.0	772.8	341.2	416.4	5.2	245.0
Vishakhapatnam	66.7	40.8	15.0	578.6	363.2	299.3	4.8	270.0
East Godavari	91.7	0.0	20.7	1367.8	550.0	626.9	2.1	344.0
West Godavari	74.2	0.0	16.2	1367.8	535.1	654.7	1.3	368.0
Krishna	69.2	0.0	18.0	1287.8	575.0	829.3	19.3	364.0
Guntur	103.2	0.0	19.5	1427.8	689.6	1101.9	19.5	750.0
Prakasam	79.2	489.1	19.2	1077.8	720.8	433.6	12.6	411.0
Nellore	56.7	57.1	16.2	1067.7	466.1	240.4	9.1	298.0
Kurnool	112.2	489.1	18.2	1067.7	1030.8	915.1	27.0	540.0
Ananthapur	72.7	652.1	21.2	1079.1	459.1	1992.2	12.1	614.0
Kadapa	66.7	489.1	17.7	1077.8	1130.1	454.2	6.8	288.0
Chittoor	89.2	568.0	22.1	1217.8	482.3	487.2	5.7	290.0
C&D.A			70.8		380.1	65.0	15.5	145.0
SAMETI								
SNO								
Total	1000.0	3070.5	300.0	14163.0	8121.2	9095.0	146.6	6538.0

6.7 Agriculture - District-wise Quarter-wise Requirement of Fund for 2015-16 (Amount Rs. in lakhs)... Continued....

Sl. No	District	National Food Security Mission (NFSM)	MMI on Oilseeds of NMOOP	National Mission on Agricultural Extension & Technology (NMAET)				National Mission for Sustainable Agriculture			
				Sub-Mission on Agricultural Extension	Sub Mission on Agricultural Mechanisation	Sub Mission on Seed and Planting Material	Sub Mission on plant protection and plant quarantine	On Farm Water Drainage	Rainfed Area Development	Soil Health Management	Soil Health Cards
1	2	11	12	13	14	15	16	17	18	19	20
1	Srikakulam	1284.4	56.1	273.6	97.8	11.6			121.4	20.6	17.9
2	Vizianagaram	969.7	74.0	172.4	97.8	14.4			169.3	77.3	17.2

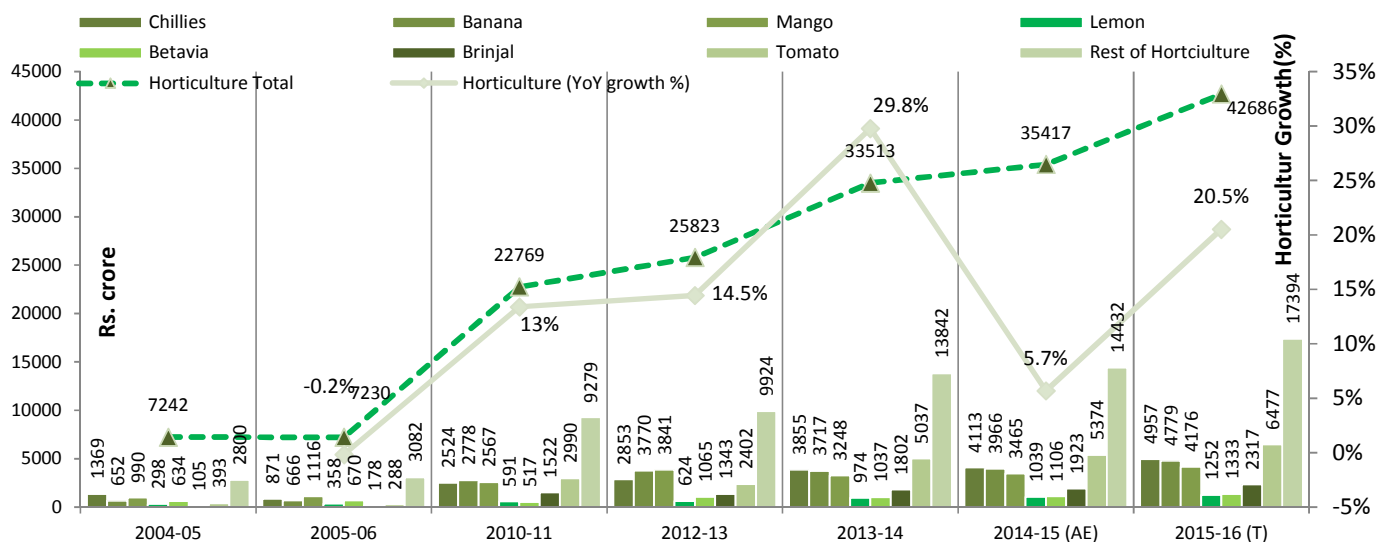
3	Vishakhapatnam	793.4	55.1	190.6	97.8	12.3	14.1	147.5	21.8	17.9
4	East Godavari	443.8	25.4	348.8	118.5	28.9		80.8	22.5	17.3
5	West Godavari	266.7	69.0	242.8	129.8	25.8	6.7	0.0	25.9	17.2
6	Krishna	533.7	31.3	327.8	98.2	17.0		0.0	21.1	17.3
7	Guntur	618.3	38.7	247.3	144.6	26.4		0.0	22.5	18.5
8	Prakasam	712.7	145.4	270.2	108.3	52.3		153.6	21.4	16.8
9	Nellore	297.7	57.6	262.6	107.3	30.6		211.3	77.9	17.6
10	Kurnool	916.5	297.3	273.6	108.3	277.1	19.0	145.0	22.3	17.3
11	Ananthapur	810.4	567.2	257.5	107.8	279.0	5.3	250.5	96.8	18.5
12	Kadapa	706.4	215.3	305.0	107.5	261.6		203.6	22.2	16.6
13	Chittoor	213.1	188.2	323.0	124.6	138.9		295.6	21.9	21.2

6.8 Agriculture - District-wise Quarter-wise Requirement of Fund for 2015-16 (Amount Rs. in lakhs) ... Continued....

Sl. No	District	Non-Plan	Grand Total	Quarter-wise Budget requirement			
		Supply of seeds to the farmers		I Quarter	II Quarter	III Quarter	IV Quarter
1	2	21	22	23	24	25	26
1	Srikakulam		4177.1	1462.0	1044.3	1044.3	626.6
2	Vizianagaram		3530.8	1235.8	882.7	882.7	529.6
3	Vishakhapatnam		2998.3	1049.4	749.6	749.6	449.8
4	East Godavari		4089.4	1431.3	1022.3	1022.3	613.4
5	West Godavari		3801.2	1330.4	950.3	950.3	570.2
6	Krishna		4208.8	1473.1	1052.2	1052.2	631.3
7	Guntur		5227.8	1829.7	1307.0	1307.0	784.2
8	Prakasam		4728.1	1654.9	1182.0	1182.0	709.2
9	Nellore		3274.2	1146.0	818.6	818.6	491.1
10	Kurnool		6284.6	2199.6	1571.1	1571.2	942.7
11	Ananthapur		7296.1	2553.6	1824.0	1824.0	1094.4
12	Kadapa		5368.4	1878.9	1342.1	1342.1	805.3
13	Chittoor		4493.6	1572.8	1123.4	1123.4	674.0
	C&D.A	8000.00	10393.2	6332.2	237.3	2237.3	142.4
	SAMETI		176.9	61.9	44.2	44.2	26.5
	SNO		140.0	49.0	35.0	35.0	21.0
	Total	8000.00	61788.6	27260.6	15186.1	17186.1	9111.7

7. Horticulture Sector

7.1 Horticulture Sector (Crop Wise) GVA(Current prices) Performance (2004-05 to 2014-15 and Targets for 2015-16)



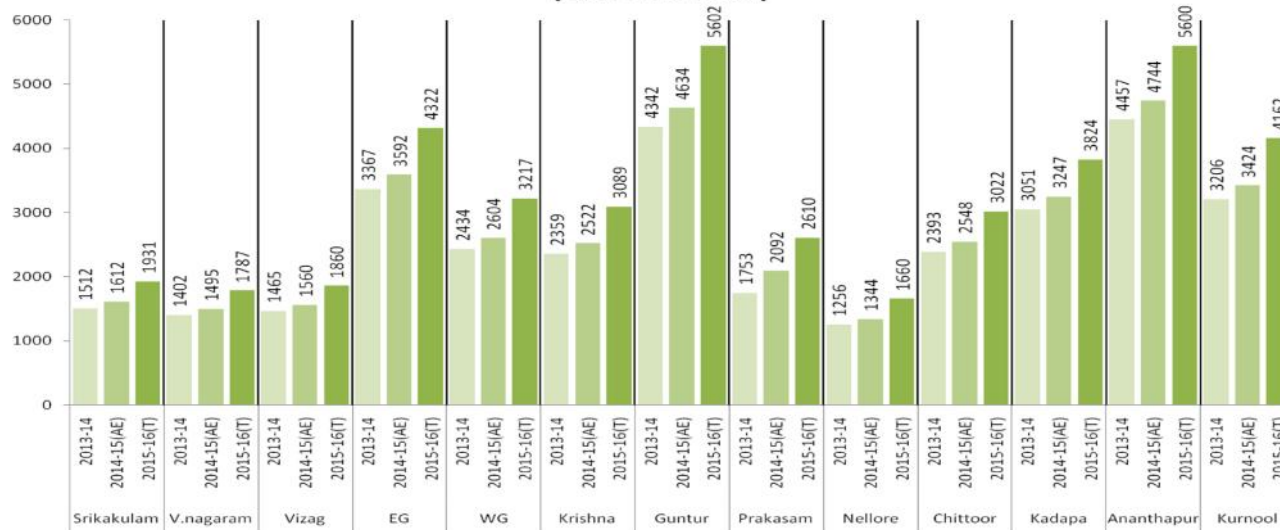
- Horticulture Sector has grown at a CAGR of over 17% between 2004-05 and 2014-15
- The sector's contribution to GSDP is expected to increase to Rs. 42,686 crore registering a growth of 20% in 2015-16
- The largest contributors to horticulture sector are chillies, banana, mango, tomato and lemons accounting for over 56% of the total horticulture sector.
- Horticulture crops were grown in an area of 17,57lakh hectares and production was 188.04 lakh tonnes during the year 2014-15

	2013-14			2014-15			2015-16	
	Area (Ha)	Prod. ('000 Tonns)	GVA (Rs Cr.)	Area (Ha)	Prod. ('000 Tonns)	GVA (Rs Cr.)	Prod. ('000 Tonns)	GVA (Rs Cr.)
Banana	60626	1888	3717	61469	2866	3966	3267	4779
Chillies	131316	602	3855	135041	524	4113	597	4957
Tomato	167723	3354	5037	206652	4133	5374	4712	6477
Mango	304112	2737	3248	309280	2784	3465	3173	4176
Papaya	19310	1545	1480	22228	1778	1579	2027	1903
Brinjal	58026	1161	1802	64409	1288	1923	1469	2317
Bendi	44095	661	1272	50903	764	1357	870	1636
Batavia	98566	1331	1037	109975	1485	1106	1693	1333
Lemon	38850	583	974	43079	649	1039	740	1252
Cashew nut	126121	88	716	161574	95	764	108	921
Rest of Horti			9859			10732		12934
Total			32997			35417		42686

7.2 Horticulture Sector (Crop Wise) GVA(Current Prices)and Growth (2004-05 to 2014-15 and Targets for 2015-16)

Horticulture GVA In (Rs. Crore)	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15 (AE)	2015-16 (T)
Chilies	1369	871	1466	1801	2038	2415	2524	4200	2853	3855	4113	4957
Banana	652	666	1054	1418	1395	1703	2778	3511	3770	3717	3966	4779
Mango	990	1116	1316	2075	1922	1945	2567	2569	3841	3248	3465	4176
Lemon	298	358	425	495	565	1129	591	551	624	974	1039	1252
Betavia	634	670	1181	1261	1530	1440	517	488	1065	1037	1106	1333
Brinjal	105	178	190	255	310	248	1522	1171	1343	1802	1923	2317
Tomato	393	288	395	347	392	550	2990	2801	2402	5037	5374	6477
Rest of Horticulture	2800	3082	3469	4685	6320	10650	9279	7269	9924	13327	14432	17394
Horticulture Total	7242	7230	9495	12336	14473	20081	22769	22561	25823	32997	35417	42686
Chilies (YoY growth %)		-36.4%	68.2%	22.9%	13.2%	18.5%	4.5%	66.4%	-32.1%	35.1%	6.7%	20.5%
Banana (YoY growth %)		2.1%	58.2%	34.5%	-1.6%	22.1%	63.1%	26.4%	7.4%	-1.4%	6.7%	20.5%
Mango (YoY growth %)		12.7%	17.9%	57.7%	-7.4%	1.2%	32.0%	0.1%	49.5%	-15.4%	6.7%	20.5%
Lemon (YoY growth %)		20.2%	18.5%	16.5%	14.2%	99.8%	-47.6%	-6.7%	13.2%	56.0%	6.7%	20.5%
Betavia (YoY growth %)		5.7%	76.2%	6.7%	21.4%	-5.9%	-64.1%	-5.6%	118.1%	-2.6%	6.7%	20.5%
Brinjal (YoY growth %)		70.6%	6.3%	34.5%	21.7%	-20.0%	512.7%	-23.1%	14.7%	34.2%	6.7%	20.5%
Tomato (YoY growth %)		-26.8%	37.4%	-12.2%	12.9%	40.3%	443.7%	-6.3%	-14.2%	109.7%	6.7%	20.5%
Rest of Horticulture (YoY growth %)		10.1%	12.6%	35.0%	34.9%	68.5%	-12.9%	-21.7%	36.5%	34.3%	4.3%	20.5%
Horticulture (YoY growth %)		-0.2%	31.3%	29.9%	17.3%	38.7%	13.4%	-0.9%	14.5%	27.8%	5.7%	20.5%

Horticulture - District wise DDP For Last 3 Years in Rs.Crores
(Current Prices)



7.3 District Wise Horticulture Crops GVA (Rs. Crore) Targets for 2015-16

Horticulture GVA In (Rs. Crore)	Vizianagar am	Anantapu r	Chittoor	East Godavari	Guntur	Kadapa	Krishna	Kurnool	Nellore	Prakasa m	Srikakula m	Visakhapatna m	West Godavari
Tomato	278	621	994	145	519	526	511	1434	206	115	313	128	467
Chilies	16		24		2731	18	461	483	46	962	92	26	25
Banana	191	1088	109	470	535	1011	122	132	70	23	134	69	612
Mango	645	236	798	121		264	877	177	172	92	144	222	292
Brinjal	139	142	139	710	85	130	161	193	17	190	152	150	193
Betel Leaves		90	73	258	271	337	94		196	74		297	147
Coconut	41		16	842			35				269	72	510
Papaya	37	691	111	40	31	470	16	32		176	24	34	
Bendi	125	101	197	128	91	162	122	177		144	124	121	104
Lemon		452	18			80		41	592				
Betavia		672				110		69	95	235			
Cashew Nut	117			400							163	210	115
Turmeric					241	207	164	214		32		53	
Beans	45		109	24			30	346			28	232	30
Tapioca				502									
Sapota		156		19	69	19	21		29	119			30
Onion		40				28		362			20		
Jasmine		62	71	33	45	18	51	43					90
Chrysanthemum		182	16	23		19							22
Crossandra		48	23	59	36	43		36					
Cucumber					44		48		16				93
Guava		75					65		26				
Cocoa				24									85
Potatoes			47										
Cabbage													44
Grapes		30											
Tamarind			28										
Coffee												20	
Coriander						16							
Others	155	913	249	523	903	366	311	422	195	447	466	225	358
Horti.(GVA)	1787	5600	3022	4322	5602	3824	3089	4162	1660	2610	1931	1860	3217

The crop GVAs for all districts are workedout on respective district GVO:GVA ratio and does not sum up to State GVA

7.4 District Wise Horticulture Production ('000 tonnes) Targets for 2015-16

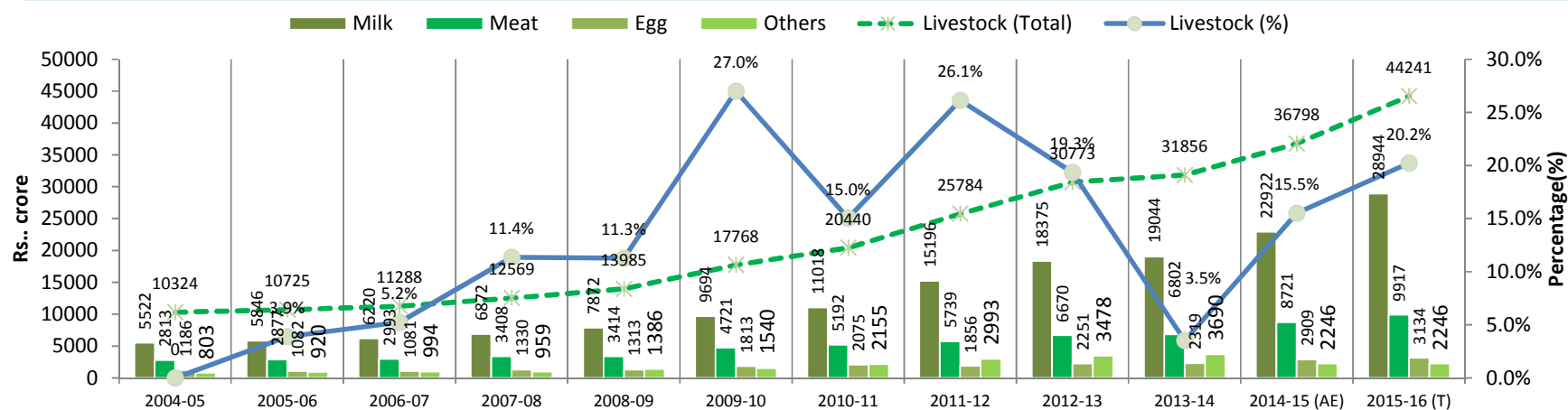
	Vizianagaram	Anantapur	Chittoor	East Godavari	Guntur	Kadapa	Krishna	Kurnool	Nellore	Prakasam	Srikakulam	Visakhapatnam	West Godavari
Betel Leaves (cr)		609.0	448.0	3390.0	1596.3	2379.5	696.0		1081.5	469.5		1727.6	742.0
Tomato	203.3	499.5	836.1	86.4	381.6	464.4	357.7	1054.9	142.3	91.7	200.3	93.5	296.0
Banana	146.7	734.7	86.2	288.2	370.3	878.1	99.8	112.5	30.4	10.6	84.0	60.5	335.8
Mango	490.8	201.6	700.3	75.3		246.4	638.3	139.4	124.2	76.6	96.8	167.7	193.0
Papaya	38.6	796.2	144.5	33.4	31.7	608.3	16.0	34.3		225.6	22.8	34.2	
Coconut	49.3		28.0	768.4			36.0				278.9	108.6	540.5
Betavia		944.0				169.3		89.8	115.0	324.9			
Brinjal	88.9	99.1	102.1	369.3	54.7	1.4	98.5	123.6	10.1	132.3	85.1	94.7	107.0
Bendi	66.9	59.4	121.3	55.9	48.5	14.6	62.2	94.8		84.3	57.9	63.8	48.2
Lemon		295.6	11.8			56.9		25.5	298.4				
Onion		47.0				44.4		571.9			13.4		
Chilies	1.1		3.4		317.4	3.3	44.1	52.2	5.9	146.3	7.8	3.4	4.7
Sapota		94.1		8.6	38.0	12.3	11.4		15.0	71.4			14.5
Beans	13.2		36.4	5.9			8.3	101.7			7.1	67.8	7.9
Tapioca				218.1									
Turmeric					39.1	35.5	24.4	42.9		5.9		9.0	
Cucumber					31.9		33.3		10.4				57.6
Cashew nut	12.8			35.9							15.7	22.4	12.9
Guava		41.9					31.6		12.4				
Chrysanthemum		52.8	5.2	5.0		5.8							5.8
Cabbage													20.5
Potatoes			17.9										
Tamarind			16.8										
Jasmine		2.2	2.7	0.9	1.5	0.7	1.6	1.5					2.6
Grapes		8.2											
Cocoa				1.4									5.4
Crossandra		1.1	0.5	1.0	0.7	1.1		0.7					
Coriander						2.5							
Coffee												0.8	

7.5 Horticulture - District-wise Quarter-wise requirement of Funds for 2015-16 (Amount Rs. in Lakhs)

Sl. No	District	RKVY	NMOOP	APMIP	STATE PLAN+MIDH	TOTAL	Q1	Q2	Q3	Q4
1	Srikakulam	150.48	192.31	956.87	434.89	1,734.55	520.37	520.37	346.91	346.91
2	Vizianagaram	394.95	477.74	908.01	565.09	2,345.79	703.74	703.74	469.16	469.16
3	Visakhapatnam	374.11	432.18	959.74	989.97	2,756.00	826.80	826.80	551.20	551.20
4	East Godavari	291.06	1,223.22	1,235.60	888.67	3,638.55	1,091.57	1,091.57	727.71	727.71
5	West Godavari	157.05	3,304.15	4,247.00	1,717.14	9,425.34	2,827.60	2,827.60	1,885.07	1,885.07
6	Krishna	305.64	877.10	2,643.60	1,054.54	4,880.88	1,464.26	1,464.26	976.18	976.18
7	Guntur	353.83		2,643.60	2,093.72	5,091.15	1,527.35	1,527.35	1,018.23	1,018.23
8	Prakasam	150.84		2,040.17	2,185.06	4,376.07	1,312.82	1,312.82	875.21	875.21
9	Nellore	161.68	104.20	2,267.17	586.46	3,119.51	935.85	935.85	623.90	623.90
10	Chittoor	488.33		13,755.34	6,014.83	20,258.50	6,077.55	6,077.55	4,051.70	4,051.70
11	Kadapa	258.20		9,979.59	3,942.24	14,180.03	4,254.01	4,254.01	2,836.01	2,836.01
12	Anantapuramu	1,201.90	1.71	8,704.01	4,371.08	14,278.70	4,283.61	4,283.61	2,855.74	2,855.74
13	Kurnool	85.58		7,128.85	3,281.93	10,496.36	3,148.91	3,148.91	2,099.27	2,099.27
TOTAL		4,373.65	6,612.61	57,469.55	28,125.62	96,581.43	28,974.43	28,974.43	19,316.29	19,316.29

8. Livestock Sector

8.1 Livestock Sector GVA (Current Prices) and Growth Rate (2004-05 to 2014-15 and Targets for 2015-16)



	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15(AE)	2015-16 (T)
Milk	5522	5846	6220	6872	7872	9694	11018	15196	18375	19044	22922	28944
Meat	2813	2877	2993	3408	3414	4721	5192	5739	6670	6802	8721	9917
Egg	1186	1082	1081	1330	1313	1813	2075	1856	2251	2319	2909	3134
Others	803	920	994	959	1386	1540	2155	2993	3478	3690	2246	2246
Livestock (Total)	10324	10725	11288	12569	13985	17768	20440	25784	30773	31856	36798	44241
Milk (YoY growth %)	0	5.9%	6.4%	10.5%	14.6%	23.1%	13.7%	37.9%	20.9%	3.6%	20.4%	26.3%
Meat (YoY growth %)		2.3%	4.0%	13.9%	0.2%	38.3%	10.0%	10.5%	16.2%	2.0%	28.2%	13.7%
Egg (YoY growth %)		-8.8%	-0.1%	23.1%	-1.3%	38.0%	14.4%	-10.5%	21.2%	3.1%	25.4%	7.7%
Others		14.6%	8.0%	-3.5%	44.5%	11.2%	39.9%	38.9%	16.2%	6.1%	-39.1%	0.0%
Livestock(YoY growth %)		3.9%	5.2%	11.4%	11.3%	27.0%	15.0%	26.1%	19.3%	3.5%	15.5%	20.2%

- The GSDP (Current Prices) contribution from livestock sector in Andhra Pradesh has grown at a CAGR of 13% between 2005-16 and 2014-15
- Livestock sector is expected to grow at over 20% in 2015-16, contributing an additional Rs. 7443 crore
- Milk and Dairy Sector is the largest contributor accounting for over 65% of the total livestock sector followed by meat and egg production at 22% and 7% respectively in 2015-16

8.2 Livestock Production and GVA Targets 2015-16

	2014-15		2015-16	
	Prod	GVA (Rs.crores)	Prod	GVA (Rs.crores)
Milk ('000 MTs)	9656	22922	10800	28944
Meat('000 MT)	671	8721	763	9917
Egg (Crore No.)	1177	2909	1246	3134
Others		2246		2246
Livestock GVA		36798		44241

- Prakasam and Krishna district are expected to be the largest producers of milk in the state in 2015-16. GVA contribution from Milk production from the two districts is expected at Rs. 4009 crore and Rs. 3649 crore
- East Godavari is expected to be the largest producer of meat, producing over 1.87 lakh tones of meat in 2015-16, resulting in the GVA contribution of Rs. 2426 crore
- Egg production in the state is expected to reach 1246 crore eggs in 2015-16, of which over 30% (401 crore eggs) is expected to be produced in East Godavari

8.3 District Wise Livestock GVA (Rs. Crore)& Production Targets for 2015-16

	2015-16 GVA Targets				2015-16 Production Targets		
	Milk	Meat	Egg		Milk('000 MTs)	Meat('000 MT)	Egg(Crore No.)
Srikakulam	855	98	22	Srikakulam	490	8	12
Vizianagaram	1296	332	88	Vizianagaram	494	26	30
Visakhapatnam	1223	410	157	Visakhapatnam	570	32	84
East Godavari	2969	2426	1178	East Godavari	946	187	401
West Godavari	2914	1130	489	West Godavari	950	87	226
Krishna	3649	1132	415	Krishna	1200	87	187
Guntur	3288	821	257	Guntur	1190	63	125
Prakasam	4009	698	58	Prakasam	1222	54	21
SPS Nellore	1673	347	35	SPS Nellore	580	27	16
YSR Kadapa	1058	273	33	YSR Kadapa	420	21	14
Kurnool	2258	671	32	Kurnool	900	52	13
Ananthapur	1400	633	47	Ananthapur	690	49	20
Chittoor	2353	947	323	Chittoor	1148	73	97

8.4 Livestock - District-wise Quarter Wise Requirement of Funds for 2015-16 (Amount Rs. In Lakhs)

	District	STATE PLAN	RKVY	TOTAL	Q1	Q2	Q3	Q4
1	Srikakulam	996.70	192.07	1188.77	297.19	356.63	416.07	118.88
2	Vizianagaram	1081.42	163.89	1245.32	311.33	373.59	435.86	124.53
3	Visakhapatnam	1127.43	164.25	1291.68	322.92	387.50	452.09	129.17
4	East Godavari	1200.63	325.44	1526.06	381.52	457.82	534.12	152.61
5	West Godavari	1126.57	284.06	1410.62	352.66	423.19	493.72	141.06
6	Krishna	1269.82	339.57	1609.40	402.35	482.82	563.29	160.94
7	Guntur	1411.54	377.81	1789.35	447.34	536.80	626.27	178.93
8	Prakasam	1433.78	427.27	1861.05	465.26	558.31	651.37	186.10
9	Nellore	1272.04	242.11	1514.16	378.54	454.25	529.95	151.42
10	Chittoor	1798.52	479.75	2278.27	569.57	683.48	797.39	227.83
11	Kadapa	1662.14	224.70	1886.84	471.71	566.05	660.39	188.68
12	Ananthapur	2379.55	334.75	2714.30	678.57	814.29	950.00	271.43
13	Kurnool	1539.75	241.30	1781.05	445.26	534.31	623.37	178.10
	Total:	18299.88	3796.97	22096.85	5524.21	6629.05	7733.90	2209.68

8.5 Key Strategies /Interventions Proposed to Achieve Double Digit Inclusive Growth in Livestock Sector

i. Fodder and milk development policy

The livestock resources in the state include 47 lakh Cattle, 65 lakh Buffaloes, 136 lakh Sheep, 45 lakh Goats, 1.6 lakh pigs, 0.13 lakh other Livestock & 818 lakh poultry³. Nearly 50% of households (62.54 lakh out of 126.65 lakh) in the state are engaged in Livestock activities. Fodder constitutes more than 70% of the production cost of milk, meat and egg production.

The farmers owning dairy animals are not growing improved fodder. They are meeting fodder requirement, primarily, through crop residues. [The components of animal feed and fodder should be green fodder (65-70%), dry fodder (15%), feed concentrates (10-15%) and Minerals & Vitamin Supplements (0.5%).]The state is not realizing optimum milk yield, owing to fodder deficit, from 2 million high germ plasm dairy animals. And therefore, the state has embarked upon a Fodder Policy to address annual fodder deficit of 365.17 Lakh MT. The proposed policy is going to be climate smart and farmer friendly.

Annual fodder requirement (in Lakh MT)	1032.04
Annual fodder availability (in Lakh MT)	666.84
Annual fodder deficit (in Lakh MT)	365.17

The major components of the policy are:

- Conservation of Crop Residues
- Supply of 3500 MTs of fodder Seed for additional Green Fodder Production
- Enrichment of Paddystraw - Paddy husk + Micro Nutrients
- Enrichment of Maize stover + Enzymes + Fortification + Silage + Bailing
- Additional Maize crop in 4 Lakh hectares during Rabi 2015
- 3000 Azolla units & 200 Hydroponics units
- Silage through bunkers by 100 Big Dairy farmers
- Mini Silage units for 2000 medium and small dairy farmers
- Perennial fodder cultivation in 13000 acres
- Producing 15000 MTs of silage through Bailing and Strap method
- Research and Development for high yielding fodder crops
- Making fodder activity as Bankable project involving NABARD (100 Nos)

³The state stands 2nd in Egg production (1272.69 Crores – Tamilnadu-1412 Cr-1st), 4th in Meat production (4.89 Lakh Metric Tons – Uttar Pradesh-12.21 Lakh Metric Tons-1st) and 7th in Milk production (90.83 Lakh Metric Tons – Uttar Pradesh - 241.94 Lakh Metric Tons – 1st) in the country during 2013-14. The contribution of livestock sector to the Gross State Domestic Product (GSDP) is Rs. 36,798 Crores at Current Prices, which is 7.08%.

Action Plan (for 2015-16) for implementing Fodder Policy

Sl. No.	Name of the Activity	Physical	Funding plan for 2015-16 (Rs. in Crores)				Remarks
			Financial	Budgeted	Additional funds required	funds through other sources	
A.	Fodder policy						
1	Fodder seed supply for annual fodders (in MT's)	3500	17.5	5.00	12.5	-	
2	Perennial fodder production under assured irrigation sources (in acres)	13000	31.20	-	-	31.20	Funding from MGNREGS
3	Conservation of crop residues through fodder bales in PPP(in MTs)	10000	8.00	8.00	-	-	for summer management in Chittoor&Ananthapur
4	Fodder block making units	4	4.00	4.00	-	-	For Maize Stover utilization in PPP
5	Silage Making Units for Individual farmers (Rs.18000/-per unit)	2000	3.60	-	-	3.60	Funding from MGNREGS
6	Hydroponics in PPP(Rs.30000/-per unit)	200	0.60	0.60	-	-	
7	Azolla units(Rs.5000/per unit)	3000	1.50	1.50	-	-	
8	Promotion of commercial Silage Bales on PPP(in MTs)	15000	8.00	8.00	-	-	
9	Capacity Building of Dairy Farmers with an Incentive of Mineral Mixture (Rs.300 per person, Rs.70 per kg)	700000	91.00	3.00	88.00	-	
10	Credit facility to Big farmers through Bank linkage	1000	-	-	-	-	Rs.50 Crore institutional credit
	Total		165.15	30.10	100.50	34.80	

Milk Production

#	Activity	Target
1	Identification of Medium and Big Dairy Farmers ⁴	2420
2	Establishment of Tele Caller System (with technical support of BAIF)	One per district
3	Training / Capacity Building of Dairy farmers	2420
4	Credit support to dairy farmers	Rs.500 Crores out of Rs.4200 Crore
5	Adoption of DEDS Scheme of NABARD with state government contribution	
6	Mechanisation & use of ICT Tools	
7	Mega PasuMelas	3
8	Mega Dairy for Backward Districts in Rayalaseema4 lakh liters per day (LLPD) capacity expandable to 6 LLPD including by-products	Rs. 200.00 Cr.

⁴2085 farmers with a milk production 50 -100 Litres/Day; 274 farmers 100-200 Litres/Day; 32 farmers with 200 to 300 Litres/Day; 14 farmers with 300 -400 Litres/Day; and 15 farmers with 400 -500 Litres/Day.

ii. Bovine Sexed Semen

Govt. of Andhra Pradesh is aiming to enhance the milk production from present 96.56 LMTs to 140 LMTs by 2018-19. The Bovine breeding activities plays crucial role in increasing the milk production. It is necessary to introduce more high productive female bovines in the herds. Introduction of sexed semen is one of the ways to introduce more females.

Strategy: The goal with sexed semen is to produce a calf of a specific sex. The Sexed Semen is semen in which the fractions of X-bearing (female) and Y-bearing (male) sperm have been modified from the natural mix through sorting and selection. Sorting is based on flow Cytometrical cell sorting for DNA content of sperm. The method works by staining sperm with a DNA-binding fluorescent dye. The bovine Y-chromosome bearing sperm contain 3.8% less DNA than the X-chromosome bearing sperm. Because of the dye, the male and female sperm can be electrically charged differently. This allows for their separation by a fluorescence-activated cell sorter. The method is fairly accurate with 90% of the sperm containing the desired sex. Sexed semen will contain a lower concentration of sperm per straw (approximately 2 million) than non-sexed semen (approximately 20 million). But at present the cost of each Sorted Semen Straw is Rs. 1500/- which is high to bear by the dairy farmers. Some of the benefits of using Sexed Semen

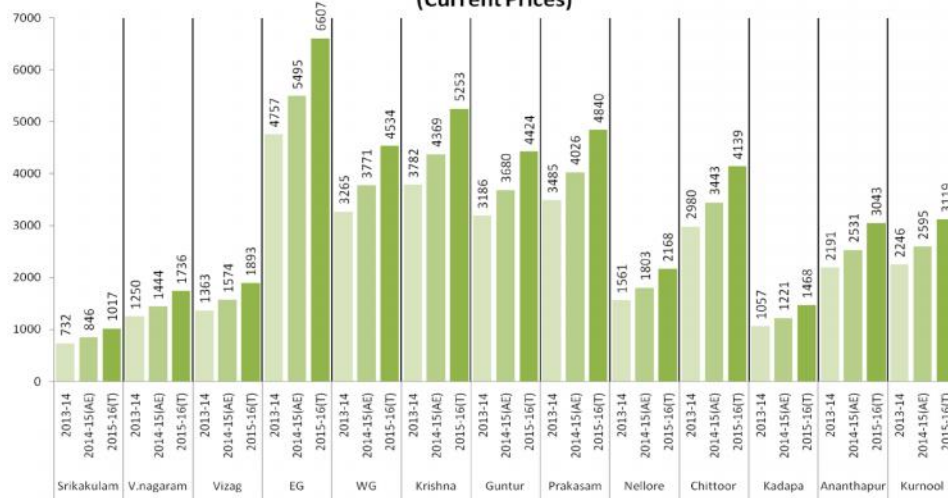
- 90% to 95% guarantee of Female calves
- Healthier, Stronger and Bigger female calves
- Faster growth of productive herd
- Fast growing calves conceive earlier
- Imported Genetics – Using sexed semen from sires having proven dairy performance traits helps improve overall genetics of the herd starting from second generation
- Increased Milk Yield
- Improved Profitability
- Calves have proven genetic potential through sire

Enlightened dairy farmers are demanding supply of sexed semen in cows. But the cost of frozen sexed semen is 40 times higher compared to conventional frozen semen. At present, the approximate cost of each dose of Sexed Semen is Rs. 1500/-. Dairy farmers are demanding supply of Sexed Semen on 90% subsidy. The Sexed Semen is to be utilized in selected areas and selected herds on pilot basis in organized way under the strict supervision of the Veterinarians to document results. The financial implications for the same are as follows.

Financial outlay for 2015-16

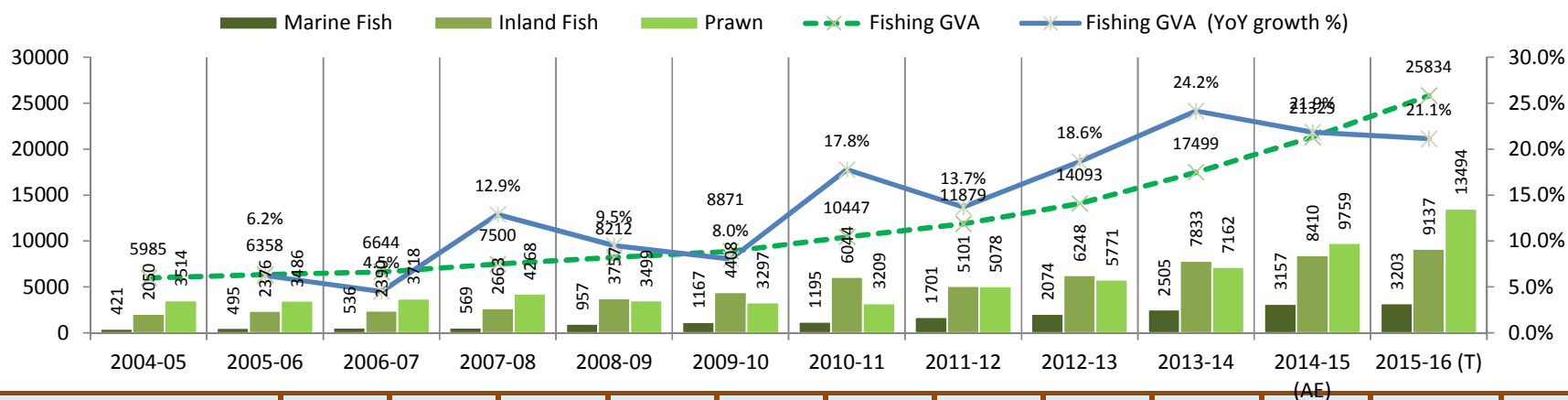
1	Cost of each Sexed Semen dose (in Rs.)	1500/-
2	Cost of 50,000 doses of Sexed Semen (Rs. in Lakh)	750
3	50% subsidy from State Govt (Rs. in Lakh)	375
4	Dairy Farmers contribution (Rs. in Lakh)	375

**Livestock - District wise DDP For Last 3 Years in Rs.Crores
(Current Prices)**



9. Fisheries Sector

9.1 Fisheries Sector (Crop Wise) GVA at current prices and Growth Rate (2004-05 to 2014-15 and Targets for 2015-16)



	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15 ^{AE}	2015-16 ^(T)
Marine Fish	421	495	536	569	957	1167	1195	1701	2074	2505	3157	3203
Inland Fish	2050	2376	2390	2663	3757	4408	6044	5101	6248	7833	8410	9137
Prawn	3514	3486	3718	4268	3499	3297	3209	5078	5771	7162	9759	13494
Fishing GVA	5985	6358	6644	7500	8212	8871	10447	11879	14093	17499	21325	25834
Marine Fish (YoY growth %)		17.7%	8.3%	6.3%	68.0%	22.0%	2.4%	42.3%	22.0%	20.8%	26.1%	1.5%
Inland Fish (YoY growth %)		15.9%	0.6%	11.4%	41.1%	17.3%	37.1%	-15.6%	22.5%	25.4%	7.4%	8.6%
Prawn (YoY growth %)		-0.8%	6.7%	14.8%	-18.0%	-5.8%	-2.7%	58.2%	13.6%	24.1%	36.3%	38.3%
Fishing GVA (YoY growth %)		6.2%	4.5%	12.9%	9.5%	8.0%	17.8%	13.7%	18.6%	24.2%	21.9%	21.1%

- The fisheries sector in Andhra Pradesh has grown at a CAGR of over 14% between 2005-06 and 2014-15.
- Fish production has increased from 8.14 lakh tonnes to 19.6 lakh tonnes during the same time period.
- With systematic intervention in 2015-16, the sector is expected to grow by 21%
- Contribution from the prawn sector is expected to be the highest at Rs. 13,493 crore with a registering a growth of 38% in 2015-16
- The state is the largest fish producer in the country and accounts for over 1% of the total global production.

9.2 Fisheries Production and GVA Targets 2015-16

	2014-15		2015-16	
	Prod ('000 tonnes)	GVA (crores)	Prod ('000 tonnes)	GVA (crores)
Marine Fish	397	3157	412	3203
Inland Fish	1286	8410	1393	9137
Prawn	296	9759	416	13494
Total Fisheries	1979	21325	2221	25834

9.3 District Wise Fisheries GVA Targets and Production Targets for 2015-16

	GVA (Rs. crores)				in Tonnes	Prod (tonnes)		
	Marine Fish	Inland Fish	Prawn			Marine Fish	Inland Fish	Prawn
Srikakulam	338	101	159		Srikakulam	51820	19750	5140
Vizianagaram	128	79	131		Vizianagaram	16320	12300	3260
Visakhapatnam	641	24	777		Visakhapatnam	90900	10150	28490
East Godvari	690	183	1567		East Godvari	87500	35150	55580
West Godvari	88	3749	3302		West Godvari	9730	586000	84560
Krishna	269	3983	2834		Krishna	27740	577310	85515
Guntur	250	189	854		Guntur	31450	32650	27030
Prakasam	195	135	718		Prakasam	23030	24150	22380
SPS Nellore	604	330	3138		SPS Nellore	73510	51300	103357
YSR Kadapa	0	7	1		YSR Kadapa	0	3606	50
Kurnool	0	246	7		Kurnool	0	28240	138
Ananthapur	0	48	3		Ananthapur	0	6984	50
Chittoor	0	64	2		Chittoor	0	5410	50

9.4 Fisheries - District-wise Quarter-wise Scheme-wise Budget Statement of Fisheries Sector for 2015-16

Name of the Scheme	Total Budget in Rs. Lakhs	Srikakulam					Vizianagaram					Visakhapatnam				
		Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
i. Exemption of sales tax on HSD oil	1400.0	1.2	1.2	1.2	1.2	5.0	1.4	1.4	1.4	1.4	5.7	148.3	148.3	148.3	148.3	593.3
ii. Relief to Marine fishermen duing Ban period	1300.0	93.6	0.0	0.0	0.0	93.6	26.2	0.0	0.0	0.0	26.2	219.0	0.0	0.0	0.0	219.0
iii. Shore stations	12.0	0.5	0.5	0.5	0.5	2.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.5	2.0
iv. SCSP	1013.5	31.7	0.0	0.0	0.0	31.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
v. TSP	101.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
vi. FDS	11891.9	75.0	57.0	42.0	42.0	216.0	193.0	18.8	13.0	13.0	237.8	438.0	144.0	121.0	75.0	778.0
vii. RIDF FLCS	1400.0	50.0	50.0	50.0	50.0	200.0	25.0	25.0	25.0	25.0	100.0	50.0	50.0	50.0	50.0	200.0
viii. RIDF FSFs	1600.0	15.0	15.0	11.5	10.0	51.5	20.0	20.0	20.0	7.2	67.2	0.0	0.0	0.0	0.0	0.0
Total	18718.8	267.1	123.8	105.2	103.7	599.8	265.6	65.2	59.4	46.6	436.9	855.8	342.8	319.8	273.8	1792.3
Name of the Scheme	Guntur					Prakasam					Nellore					
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	
i. Exemption of sales tax on HSD oil	54.9	54.9	54.9	54.9	219.4	21.4	21.4	21.4	21.4	85.4	10.0	10.0	10.0	10.0	40.0	
ii. Relief to Marine fishermen during Ban period	125.4	0.0	0.0	0.0	125.4	224.2	0.0	0.0	0.0	224.2	310.0	0.0	0.0	0.0	310.0	
iii. Shore stations	0.3	0.3	0.3	0.3	1.0	0.5	0.5	0.5	0.5	2.0	0.3	0.3	0.3	0.3	1.0	
iv. SCSP	31.7	31.7	0.0	0.0	63.5	31.7	0.0	0.0	0.0	31.7	31.7	31.7	31.7	31.7	127.0	
v. TSP	31.7	6.2	0.0	0.0	37.9	0.0	0.0	0.0	0.0	0.0	31.7	0.0	0.0	0.0	31.7	
vi. FDS	371.0	318.0	313.0	299.0	1301.0	324.0	135.0	130.0	95.1	684.1	498.0	299.0	289.0	284.0	1370.0	
vii. RIDF FLCS	100.0	150.0	155.0	120.0	525.0	0.0	0.0	0.0	0.0	0.0	10.0	20.0	20.0	25.0	75.0	
viii. RIDF FSFs	0.0	0.0	0.0	0.0	0.0	25.0	25.0	25.0	25.0	100.0	0.0	0.0	0.0	0.0	0.0	
Total	715.0	561.0	523.1	474.1	2273.3	626.8	181.9	176.9	142.0	1127.5	891.7	361.0	351.0	351.0	1954.7	

9.5 Fisheries - District-wise Quarter-wise Scheme-wise Budget Statement of Fisheries Sector for 2015-16

Name of the Scheme	Chittoor					Kadapa					Kurnool				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
i. Exemption of sales tax on HSD oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ii. Relief to Marine fishermen during Ban period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
iii. Shore stations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
iv. SCSP	31.7	31.7	0.0	0.0	63.5	31.7	0.0	0.0	0.0	31.7	31.7	31.7	0.0	0.0	63.5
v. TSP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
vi. FDS	7.5	0.0	0.0	0.0	7.5	12.0	2.0	0.0	0.0	14.0	260.0	48.0	38.0	20.0	364.5
vii. RIDF FLCS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
viii. RIDF FSFs	100.0	50.0	50.0	79.0	279.0	50.0	50.0	50.0	50.0	200.0	100.0	100.0	100.0	74.0	374.0
Total	139.24	139.2	81.7	50.0	79.0	350.0	93.7	52.0	50.0	50.0	245.7	391.0	179.0	138.0	94.0

Name of the Scheme	Anantapuramu					Total	Head office					Grand Total
	Q1	Q2	Q3	Q4	Total		Q1	Q2	Q3	Q4	Total	
i. Exemption of sales tax on HSD oil	0.0	0.0	0.0	0.0	0.0	1400.0	0.0	0.0	0.0	0.0	0.0	1400.0
ii. Relief to Marine fishermen during Ban period	0.0	0.0	0.0	0.0	0.0	1299.9	0.0	0.0	0.0	0.0	0.0	1299.9
iii. Shore stations	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	12.0
iv. SCSP	0.0	0.0	0.0	0.0	0.0	1013.5	0.0	0.0	0.0	0.0	0.0	1013.5
v. TSP	0.0	0.0	0.0	0.0	0.0	101.4	0.0	0.0	0.0	0.0	0.0	101.4
vi. FDS	13.0	0.0	0.0	0.0	13.0	10603.0	455.0	285.0	287.0	262.0	1289.0	11891.9
vii. RIDF FLCS	0.0	0.0	0.0	0.0	0.0	1400.0	0.0	0.0	0.0	0.0	0.0	1400.0
viii. RIDF FSFs	100.0	50.0	100.0	100.0	350.0	1600.0	0.0	0.0	0.0	0.0	0.0	1600.0
Total	113	113.0	50.0	100.0	100.0	363.0	17430.0	455.0	285.0	287.0	262.0	1289.0

9.6 Key Strategies /Interventions Proposed to Achieve Double Digit InFisheries Sector

Revival of abandoned shrimp culture area

The fortunes of shrimp culture in Andhra Pradesh have been fluctuating from years of very good productivity to a few lows onset by onslaught of viral disease outbreaks. Shrimp culture has reduced from a peak of about 84,951 lakh ha with water spread area of 67000 ha in 1994 to a low of 25000 ha post 1994. Recent years has again seen a revival in the sector where marine exports from Andhra Pradesh have increased from Rs. 2100 crores in 2009-10 to Rs. 16000 crores by 2014-15 with the state contributing more than 40% of the export share in India. Realising the potential of export and employment generation and rich resources in shrimp farming sector, the Government of Andhra Pradesh has initiated measures to revive 30,000 ha of abandoned shrimp culture area in the next 4 year in a phased manner through a number of initiatives.

Revival of shrimp culture area (in ha) – 2 crops	30,000
P.monodon production with revival of 75% of area (in tonnes)	63000
L.vannamei production with revival of 25% of area (tonnes)	72000
Total production expected (tonnes)	135000
Total cost of production per year @Rs. 4,00,000 per tonne (Rs.)	5400
Investment needed from GoAP	
Subsidy for renovation (Rs. In Cr.)	600
Input subsidy @ Rs. 2.00 per ha for 30,000 ha	
Lab services, Capacity Building and other support (Rs. In Cr.)	400

Action Plan for next 4 years

- Survey of abandoned areas and motivation of aqua farmers for revival of their shrimp culture ponds are few of the initiatives planned to give a boost to the sector.
- Regularization of shrimp culture ponds through CAA on special drive
- Financial support from Banks
- Govt. incentives for renovation and inputs
- Laying of power lines to reduce the input cost on power
- Provision for Crop insurance
- Promoting for supply of SPF seed by permitting additional hatcheries and establishing quarantine facility for L.vannamei and P. monodon shrimp
- Capacity Building of aqua farmers on Best Management Practices and promoting cluster approach for sustainable shrimp culture
- Lab services to all aqua farmers to mitigate crop losses due to disease outbreak.
- Promoting Quality Control labs (LCMS labs for Antibiotic Residue testing) through private sector
- Promotion of cold chain facilities as per the demand through PPP mode

10. Area, Yield and Production Report: 2013-14**10.1 District Wise Rice Production, Area and Yield**

DISTRICT	AREA (Ha)			YIELD (Kgs/Ha.)			PRODUCTION (Tonnes)		
	KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL
1. Srikakulam	199717	3425	203142	1738	2382	1749	347108	8158	355266
2. Vizianagaram	109271	7507	116778	2475	2728	2491	270446	20479	290925
3. Visakhapatnam	98637	6759	105396	1739	1942	1752	171530	13126	184656
4. East Godavari	235159	169523	404682	1846	4587	2994	434104	777602	1211706
5. West Godavari	240396	180223	420619	2169	4555	3191	521419	820916	1342335
6. Krishna	264371	98951	363322	2925	4065	3235	773285	402236	1175521
7. Guntur	280060	48107	328167	3259	3810	3340	912716	183288	1096004
8. Prakasam	58034	80544	138578	3677	3959	3841	213391	318874	532265
9. Nellore	32241	192652	224893	3581	4130	4051	115455	795653	911108
10. Kadapa	51753	10959	62712	2876	2687	2843	148842	29447	178289
11. Kurnool	92596	32298	124894	3676	3654	3670	340383	118017	458400
12. Ananthapur	28114	12283	40397	2112	2325	2177	59377	28558	87935
13. Chittoor	15206	34654	49860	3207	3470	3390	48766	120249	169015
Andhra Pradesh	1705555	877885	2583440	2554	4142	3094	4356822	3636603	7993425

10.2 District-Wise Irrigated Area under Paddy (Different Sources During Rabi) 2013-14

District	Ground Water Irrigation			Area under surface irrigation (Ha) (canals / Tanks etc.)	Grand Total
	Tube Wells	Dug Wells	Total		
1. Srikakulam	753	341	1094	2331	3425
2. Vizianagaram	1267	217	1484	6023	7507
3. Visakhapatnam	948	129	1077	5682	6759
4. East Godavari	11261	0	11261	158262	169523
5. West Godavari	23606	0	23606	156617	180223
6. Krishna	13688	1033	14721	84230	98951
7. Guntur	4735	32	4767	43340	48107
8. Prakasam	18629	113	18742	61802	80544
9. Nellore	26161	2521	28682	162887	191569
10. Kadapa	7351	298	7649	3310	10959
11. Kurnool	4509	661	5170	27128	32298
12. Ananthapur	8331	141	8472	3811	12283
13. Chittoor	12158	3558	15716	18938	34654
ANDHRA PRADESH	133397	9044	142441	734361	876802

10.3 District Wise Maize Production, Area and Yield

DISTRICT	AREA (Ha)			YIELD (Kgs/Ha.)			PRODUCTION (Tonnes)		
	KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL
1. Srikakulam	5752	4985	10737	3170	7454	5159	18234	37158	55392
2. Vizianagaram	13410	15255	28665	3014	5646	4415	40418	86130	126548
3. Visakhapatnam	5988	1248	7236	1306	7454	2366	7820	9303	17123
4. East Godavari	513	10684	11197	3170	8620	8370	1626	92096	93722
5. West Godavari	3156	50712	53868	4008	7278	7086	12649	369082	381731
6. Krishna	7321	25554	32875	4148	7715	6921	30368	197149	227517
7. Guntur	1530	85535	87065	3170	7522	7446	4850	643394	648244
8. Prakasam	3012	20101	23113	4318	8027	7544	13006	161351	174357
9. Nellore	286	1631	1917	3170	7454	6815	907	12157	13064
10. Kadapa	1125	4364	5489	4033	7454	6753	4537	32529	37066
11. Kurnool	38761	13120	51881	5478	7454	5978	212333	97796	310129
12. Ananthapur	27087	7777	34864	1965	7454	3189	53226	57970	11196
13. Chittoor	1905	1303	3208	4033	7454	5423	7683	9713	17396
ANDHRA PRADESH	109846	242269	352115	3711	7454	6286	407657	1805828	2213485

10.4 District Wise Ground Nut Production, Area and Yield

DISTRICT	AREA (Ha)			YIELD (Kgs/Ha.)			PRODUCTION (Tonnes)		
	KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL
1. Srikakulam	9945	6065	16010	1463	1417	1446	14550	8594	23144
2. Vizianagaram	8927	2378	11305	1218	1283	1232	10873	3051	13924
3. Visakhapatnam	1778	810	2588	1104	2583	1567	1963	2092	4055
4. East Godavari	61	127	188	1872	2583	2351	114	328	442
5. West Godavari	1091	3233	4324	1872	2881	2626	2042	9314	11356
6. Krishna	2079	1947	4026	1925	1785	1857	4002	3475	7477
7. Guntur	510	4689	5199	1872	3581	3413	955	16791	17746
8. Prakasham	3484	3371	6855	1872	3642	2742	6522	12277	18799
9. Nellore	10775	4294	15069	2907	3169	2982	31323	13608	44931
10. Cuddapah	42251	17263	59514	1025	2165	1356	43307	37374	80681
11. Kurnool	150918	16855	167773	902	2040	1016	136128	34384	170512
12. Ananthapur	71145	17303	728448	403	1522	430	286591	26335	312926
13. Chittoor	143027	12051	155078	996	2727	1131	142455	32863	175318
Andhra Pradesh	1085991	90386	1176377	627	2218	749	680825	200486	881311

10.5 District Wise Chilies Production, Area and Yield

DISTRICT	AREA (Ha)			YIELD (Kgs/Ha.)			PRODUCTION (Tonnes)		
	KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL
1. Srikakulam	48	1937	1985	4848	5076	5071	233	9832	10065
2. Vizianagaram	192	848	1040	4848	1163	1843	931	986	1917
3. Visakhapatnam	378	735	1113	4848	1932	2923	1833	1420	3253
4. East Godavari	189	103	292	4848	4685	4791	916	483	1399
5. West Godavari	0	1225	1225	0	2069	2069	0	2535	2535
6. Krishna	9752	1001	10753	4958	4685	4933	48350	4690	53040
7. Guntur	63406	1407	64813	5137	4685	5127	325717	6592	332309
8. Prakasam	20316	7842	28158	3893	5704	4397	79090	44731	123821
9. Nellore	65	1153	1218	4848	4225	4258	315	4871	5186
10. Kadapa	679	78	757	3627	1992	3458	2463	155	2618
11. Kurnool	15252	285	15537	3788	1992	3755	57775	568	58343
12. Ananthapur	2647	27	2674	1498	1992	1503	3965	54	4019
13. Chittoor	0	1751	1751	0	1992	1992	0	3488	3488
ANDHRA PRADESH	112924	18392	131316	4619	4372	4584	521588	80405	601993

10.6 District Wise Banana Production, Area and Yield

DISTRICT	AREA (Ha)	YIELD (Kgs/Ha.)	PRODUCTION (Tonnes)
1. Srikakulam	2422	19632	47549
2. Vizianagaram	7124	10860	77367
3. Visakahapatnam	1409	19632	27661
4. East Godavari	12427	12382	153871
5. West Godavari	9460	21709	205367
6. Krishna	1266	36128	45738
7. Guntur	5574	37986	211734
8. Prakasham	487	19632	9561
9. Nellore	816	31573	25764
10. Cuddapah	8438	59010	497926
11. Kurnool	1632	31580	51539
12. Ananthapur	8661	55869	483881
13. Chittoor	910	55168	50203
ANDHRA PRADESH	60626	31144	1888161

10.7 District Wise Tomato Production, Area and Yield

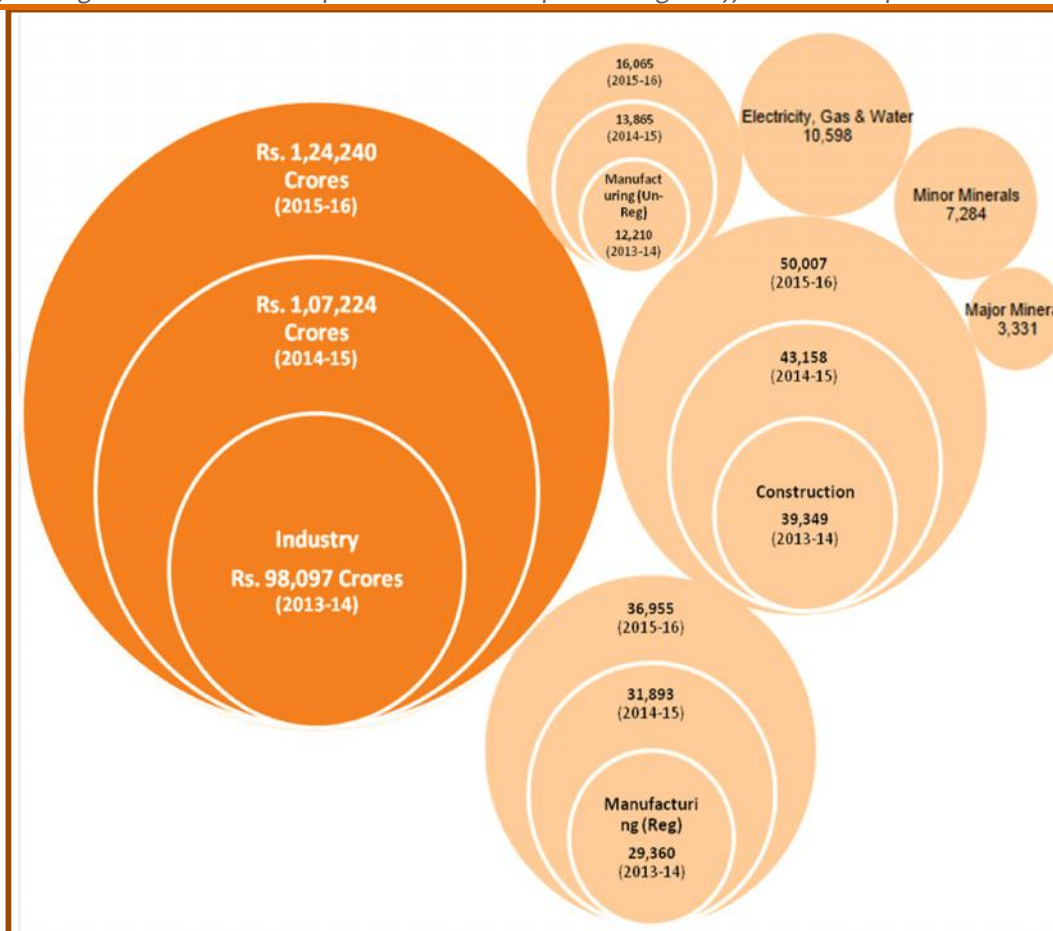
DISTRICT	AREA (Ha)			YIELD (Kgs/Hect.)			PRODUCTION (Tons)		
	KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL
1. Srikakulam	203	426	629	17878	11305	13426	3629	4816	8445
2. Vizianagaram	358	496	854	17878	11305	14060	6400	5607	12007
3. Visakahapatnam	592	937	1529	17878	9453	12715	10584	8857	19441
4. East Godavari	400	716	1116	17878	11305	13660	7151	8094	15245
5. West Godavari	247	171	418	17878	11305	15189	4416	1933	6349
6. Krishna	545	587	1132	17878	11305	14470	9744	6636	16380
7. Guntur	688	682	1370	26587	11305	18980	18292	7710	26002
8. Prakasham	1098	1046	2144	12422	12964	12686	13639	13560	27199
9. Nellore	9	13	22	17878	11305	14000	161	147	308
10. Cuddapah	2638	2803	5441	50205	24446	36935	132441	68522	200963
11. Kurnool	2152	565	2717	11982	23128	14300	25785	13067	38852
12. Ananthapur	2991	3482	6473	29629	23128	26132	88620	80532	169152
13. Chittoor	8397	5199	13596	27688	22417	25672	232496	116546	349042
Andhra Pradesh	20318	17123	37441	27235	19624	23754	553358	336027	889385

10.8 District Wise Milk Production

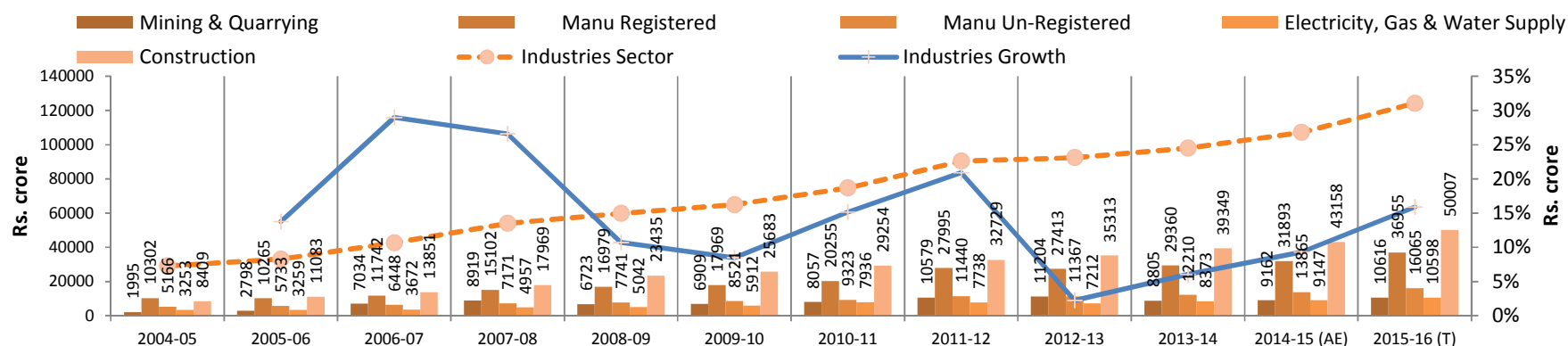
DISTRICT	GRAND TOTAL			Rank as per production	Rank as per yield
	ESTIMATED ANIMALS ('000)	AVERAGE YIELD PER DAY IN(Kgs)	MILK PROD.. IN ('000)Tonnes		
1. Srikakulam	316.807	3.680	425.547	11	12
2. Vizianagaram	245.083	4.632	414.336	12	9
3. Visakhapatnam	279.995	5.406	552.436	9	6
4. East Godavari	365.312	6.215	828.642	6	2
5. West Godavari	389.946	5.849	832.490	5	4
6. Krishna	413.512	6.554	989.193	2	1
7. Guntur	484.691	5.521	976.781	3	5
8. Prakasam	533.552	5.391	1049.906	1	7
9. Nellore	316.321	4.839	558.696	8	8
10. Chittoor	434.512	5.977	947.997	4	3
11. Kadapa	210.754	4.142	318.660	13	10
12. Ananthapur	382.825	3.451	482.217	10	13
13. Kurnool	474.898	4.072	705.824	7	11
ANDHRA PRADESH	4848.208	5.133	9082.725		

11. Industry Sector

Industry sector in Andhra Pradesh accounted for over 20% of the State's GSDP or Rs. 1.07 lakh crore in 2014-15. This contribution is expected to increase to Rs. 1.24 lakh crore in 2015-16. The 15.87% increase in industry sector is expected through consorted effort between the departments, district collectors, private industries, medium and small scale entrepreneurs and other stakeholders. Key activities proposed for increased industrial output include the formulation of the Industrial Policy for 2015-16, along with sector specific policies for textiles, biotechnology and automobiles; development and operationalization of growth corridors and SEZs, leveraging on current potential by focusing on district wise competitiveness and implementing an effective credit plan.



- Industries sector is a key growth driver of Andhra Pradesh towards achieving Vision 2029
- The sector has contributed 23% to Andhra Pradesh GSDP (at constant prices) in the last decade
- Contribution from industry sector is expected to increase to Rs. 1.24 lakh crore in 2015-16 compared to Rs. 1.07 lakh crore in 2014-15 (a growth of 15.87%)
- Construction is the largest contributor to the industry sector accounting for over 41% of the industry sector followed by manufacturing - registered at 30%, manufacturing - unregistered at 13% and both mining and electricity, gas and water supply at 9%
- The sector has witnessed a compounded annual growth rate of 11% during the period 2005-06 to 2014-15.
- Construction is fastest growing component of the industry sector growing at CAGR of over 17.8% between 2004-05 and 2014-15 followed by mining and quarrying at 16.5%
- The sector contribution to the State GDP, at constant prices, is targeted at 25% by 2020 and 30% by 2029

11.1 Industries Sector GVA (Current Prices) and Growth Rate (2004-05 to 2014-15 and Targets for 2015-16)


(Rs. Crore)	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15 (AE)	2015-16 (T)
a) Mining & Quarrying	1995	2798	7034	8919	6723	6909	8057	10579	11204	8805	9162	10616
b) Manufacturing												
iii. Registered	10302	10265	11742	15102	16979	17969	20255	27995	27413	29360	31893	36955
iv. Un-Registered	5166	5733	6448	7171	7741	8521	9323	11440	11367	12210	13865	16065
c) Electricity, Gas & Water Supply	3253	3259	3672	4957	5042	5912	7936	7738	7212	8373	9147	10598
d) Construction	8409	11083	13851	17969	23435	25683	29254	32729	35313	39349	43158	50007
Industries Sector	29124	33138	42748	54118	59920	64995	74825	90481	92508	98097	107224	124240
(YoY growth %)	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15 (AE)	2015-16 (T)
Mining & Quarrying		40.3%	151.4%	26.8%	-24.6%	2.8%	16.6%	31.3%	5.9%	-21.4%	4.1%	15.9%
Manufacturing												
Registered		-0.4%	14.4%	28.6%	12.4%	5.8%	12.7%	38.2%	-2.1%	7.1%	8.6%	15.9%
Un-Registered		11.0%	12.5%	11.2%	7.9%	10.1%	9.4%	22.7%	-0.6%	7.4%	13.6%	15.9%
Electricity, Gas		0.2%	12.7%	35.0%	1.7%	17.3%	34.2%	-2.5%	-6.8%	16.1%	9.2%	15.9%
Construction		31.8%	25.0%	29.7%	30.4%	9.6%	13.9%	11.9%	7.9%	11.4%	9.7%	15.9%
Industries Sector		13.8%	29.0%	26.6%	10.7%	8.5%	15.1%	20.9%	2.2%	6.0%	9.3%	15.9%

11.2 District Wise Industries Sector GVA (Rs. Crore) Targets for 2015-16

INDUSTRY	Mining & Quarrying	Manu Registered	Manu Un-Registered	Electricity, Gas & Water Supply	Construction	Industry Sector
SRIKAULAM	894	1216	509	259	1888	4767
VIZIANAGARAM	246	784	495	279	1844	3648
VISAKHAPATNAM	1830	14141	1081	992	7047	25091
EAST GODAVARI	1853	2963	2990	861	3914	12580
WEST GODAVARI	183	3858	859	829	2482	8211
KRISHNA	485	1928	1476	1581	4921	10390
GUNTUR	482	2988	646	1054	4992	10162
PRAKASAM	1768	1534	831	606	4412	9151
NELLORE	267	1283	990	1045	3739	7323
CHITTOOR	671	1798	1098	1160	4157	8884
YSR	566	1988	1745	602	3134	8035
ANANTHAPURAMU	385	1789	2432	731	3645	8982
KURNOOL	986	686	912	599	3833	7016
TOTAL	10616	36955	16065	10598	50007	124240

Sectoral Targets

- ⇒ **Mining & Quarrying:** Mineral production contribution to GSDP at current prices is expected to increase to Rs. 10,616 crore in 2015-16 from Rs. 9,162 crore in 2014-15
- ⇒ **Manufacturing – Large Enterprises:** Manufacturing by large enterprises (excluding MSME) is expected to contribute Rs. 53,020 crore in 2015-16 to GSDP, increasing from Rs. 45,758 crore in 2014-15
- ⇒ **Manufacturing – Micro, Small & Medium Enterprises:** The MSME sector is credited with generating the highest rates of employment growth and also accounts for a major share of industrial production in the State. In recognition of the important role that MSME sector plays, the State's exclusive credit plans will offer lower rate of interest for growing business units and offering them access to banking services at low rate of interest, quick processing and servicing thereby accelerating its growth
- ⇒ **Electricity, Gas & Water Supply:** These sectors together are expected to contribute Rs. 9,767 crore to the State's GDP in 2014-15, growing at 15.8% over the last year

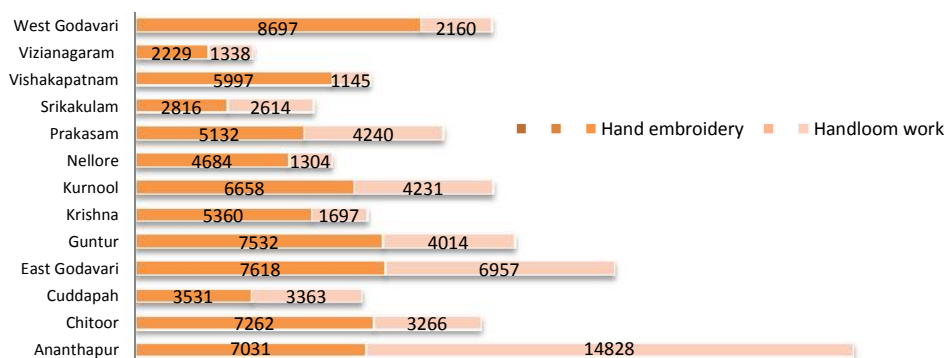
11.3 Key Strategies /Interventions Proposed to Achieve Double Digit Khadi & Handloom Sector

Khadi and Handloom

Janmabhoomi Maa Voorudata indicates that there is a huge demand for skill up-gradation in sectors of handloom work and hand embroidery. Textile strategy plan vision is to promote welfare of weavers and enhance exports. It is believed that the present status of Handloom sector and Khadi lacks good marketing and innovation in technology and design. Keeping in view the demand for skill up-gradation two possible options can be done at two levels.

1. For standalone Handloom weavers

2. Cluster based handloom weavers



No. Of Persons Skill Up-gradation	Handloom Work	Hand Embroidery
	51157	92624

Options for Improving the Status in Handloom Sector:

Growth can be achieved in Handloom Sector by following approaches

- Artisan Parks: Establishing artisan parks by reforming existing Shilparamams as artisan parks with trades in demand with production cum sales outlets, sales huts, display center for tools and technology and training centers.
- Marketing has been recognized as being central to the growth and development of the handloom industry. Domestic marketing is important for providing linkage between the producer and the consumer to promote for marketing and sales of handloom products both inside and outside State. Therefore, strengthening of Handloom organizations for improvement in the Marketing and Export of handloom items, organization of festive fairs, exhibitions, digital advertisements etc. facilitate in the promotion of marketing of handloom products.

- Establish a Government Portal for weavers which information cum sales based. An online portal should be developed for registration of weavers with their detailed profiles; a process to be facilitated where weavers profiles and their products should be listed. This information should be available online for domestic and international markets so that online sales can be enhanced.
- Handloom cloth production projected to grow at an annual average rate of 5%. And strategy document of Ministry of textiles proposes to achieve production and export growth rate of 15% per year. This growth can be achieved by technology driven e-commerce, which can help small town communities and micro business clusters based on traditional skills. Thus, we should develop a local model which is well connected micro enterprise cluster that can be nurtured into a digitally enabled cluster. These clusters which are broad band enabled and have potential to change entire business ecosystem.

Khadi and Handloom (contd.)

- The organised clusters/mega cluster to be shaped into producer companies with end to end support from procuring raw material to marketing produce.
- For stand-alone weavers who are yet to form clusters 3-4 day training can be organized for up-dating their skill and knowledge on current trend and technological advancements.

Key Recommendations

- Establishing artisan parks by reforming existing Shilparamams as artisan parks with production cum sales outlets, sales huts etc.
- Government information cum sales based Portal for weavers
- Online portal for registration of weavers with their detailed profiles
- Technology driven e-commerce, to help small town communities and micro business clusters based on traditional skills
- Organised clusters/mega cluster to be shaped into producer companies with end to end support from procuring raw material to marketing produce

11.4 CREDIT PLAN

The Micro, Small and Medium Enterprise (MSME) sector is credited with generating the highest rates of employment growth and also accounts for a major share of industrial production in the State. MSME accounts for about 33.2 % of manufacture within Industry sector in the State and for about 76.1% of unorganized sector of manufacturing in the State. Projected investment in 12 FYP for Andhra Pradesh is 33,578 crores and projected employment is 8,39,452.

MSMEs in Industry and Service sector total bank credit of Rs. 28,663 Cr in 2013-14. The share of MSMEs accounts for about 6.1 % the state's GSDP in 2013-14. Priority sector plan estimate is about 90347 Cr from which, 27,000 Cr for MSMEs, 10,000 Cr may allot for urban area and 2500 Cr may allot for Private Transportation.

To attain double digit, sectoral credit planning plays a vital role. In an attempt to catalyze the investments in MSMEs and enhance productivity, this document will provide necessary understanding of different components of credit plan and how they are linked to growth engines.

MUDRA Bank: (Micro Units Development and Refinance Agency Bank)

Prime Minister Narendra Modi launched Mudra Bank which will benefit small entrepreneurs and will also act as a regulator for 'Micro-Finance Institutions (MFIs). Mudra Bank is being set up through a statutory enactment and will be responsible for developing and refinancing through a Pradhan Mantri MUDRA Yojana. The bank will cater to 5.77 crore small business units that are spread all across India who currently find it difficult to access credit from the formal banking system. The Bank will be set up with a corpus of Rs 20,000 crore and a credit guarantee fund of Rs 3,000 crore. It will nurture small businesses through different stages of growth and development of businesses termed as Shishu, Kishor and Tarun.

Type of Enterprise	Financial Coverage
Shishu	Upto Rs.50,000
Kishor	Rs. 50,000-5 Lakhs
Tarun	Upto 10 Lakhs

State Focus Credit Plan Facilitated By Nabard/Nabcons

Through conducting Aadhaar Based Survey and establishing Data Management in addition to Adoption of ICT Tools and Applications in business process can enable MSMEs to improve their productivity and competitiveness & Market. Mudra Bank will provide state to access funds up to Rs. 3000 Cr.

Estimated potential linked credit plan:

Credit plan is broadly classified into 4 sectors, as shown in the diagram below and devised potential linked credit planning for the year of 2015-16.

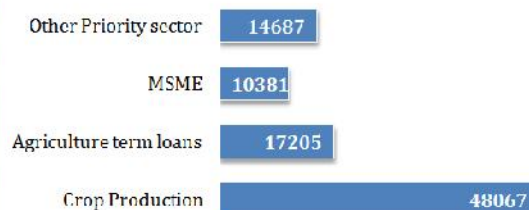
Andhra Pradesh Annual Credit Plan 2015-16 (Rs./Crores) ⁵						
		Crop Loan	Agri Term Loan	NFS/MSE	OPS	Total
1	Anantapur	3595	794	408	612	5409
2	Chittoor	2808	1603	933	1128	6473
3	East Godavari	6396	2481	1120	1004	11002
4	Guntur	7341	1841	1704	1729	12616
5	Kadapa	2736	1004	345	906	4992
6	Krishna	4317	1679	1311	2084	9393
7	Kurnool	3621	801	499	825	5746
8	Nellore	3101	702	956	605	5366
9	Prakasam	3652	1028	411	305	5397
10	Srikakulam	1994	820	380	700	3895
11	Visakhapatnam	1200	780	1000	2770	5750
12	Vizianagaram	1444	596	310	435	2785
13	West Godavari	5858	3072	1006	1580	11518
						90347

The highlighted values related to district in the above table require more attention as they can be potential growth generators.

Sector wise credit potential for 2015-16

Sector	Estimated Potential (In Crore)
Crop Production, Maintenance and Marketing	50,979
Water Resources	987
Land Development	754
Farm Mechanisation	2,152
Plantation and Horticulture & Sericulture	1,709
Forestry and Waste Land Development	255
Animal Husbandry - Dairy Development	4,277
Animal Husbandry - Poultry Development	1,098
Animal Husbandry - Sheep / Goat / Piggery	1,316
Fisheries Development	1,803
Storage Godowns / Market Yards	1,079
Renewable Sources of Energy and Waste Management	1,087
Other Activities (In agri. Term loans)	2,043
MSME (Including Food and Agro Processing)	11,997
Education, Health, Non-farming, SHGs	17,133
Potential Credit for total Priority Sectors	98,679

Estimated Potential Linked Credit Plan (FY 15-16) (Crores)

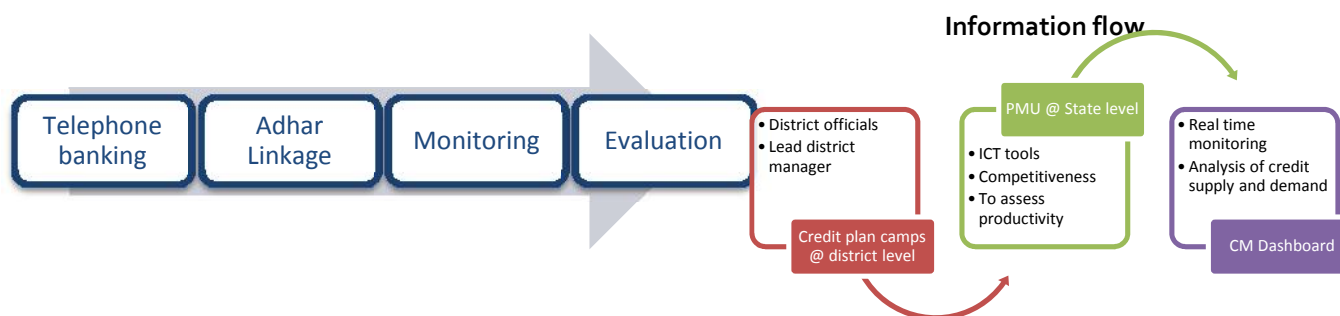


Note: The state focus papers and District wise Potential linked credit plan (PLP) project a total of Rs.98678.78 Crores for Andhra Pradesh (Ref: Annexure-1 of Status Focus Paper- Andhra Pradesh 2015-16, NABARD). These figures were moderated at district level by DLCCs. The projected figures above are tentative and can be altered after consolidation of SLBC Credit plan at state well.

⁵ Indicated figures might be subjected to change upon consolidation of SLBC Credit Plan.

Implementation process: -

1. A dedicated PMU team at state level/ district level to be established for monitoring credit plan and action plan. Lead district managers should be integrated at district team.
2. Real time smart data to be captured through IT enabled platform that indicates status of credit plan. This data constitutes UID data and telephone number of individuals.
3. This credit plan will be linked through smart system and major issues faced would be identified. Monitoring system shall optimize the performance of components of credit plan by strengthening key focus areas.



Smart Monitoring: -

The credit plan shall be made through the meetings conducted at the district level by the district administration, bankers and Lead District Manager, the data will be captured and integrated into the database at district level managed by Project Support Units through support from NABCONS and this data will be linked to Aadhaar card for authentication and monitoring.

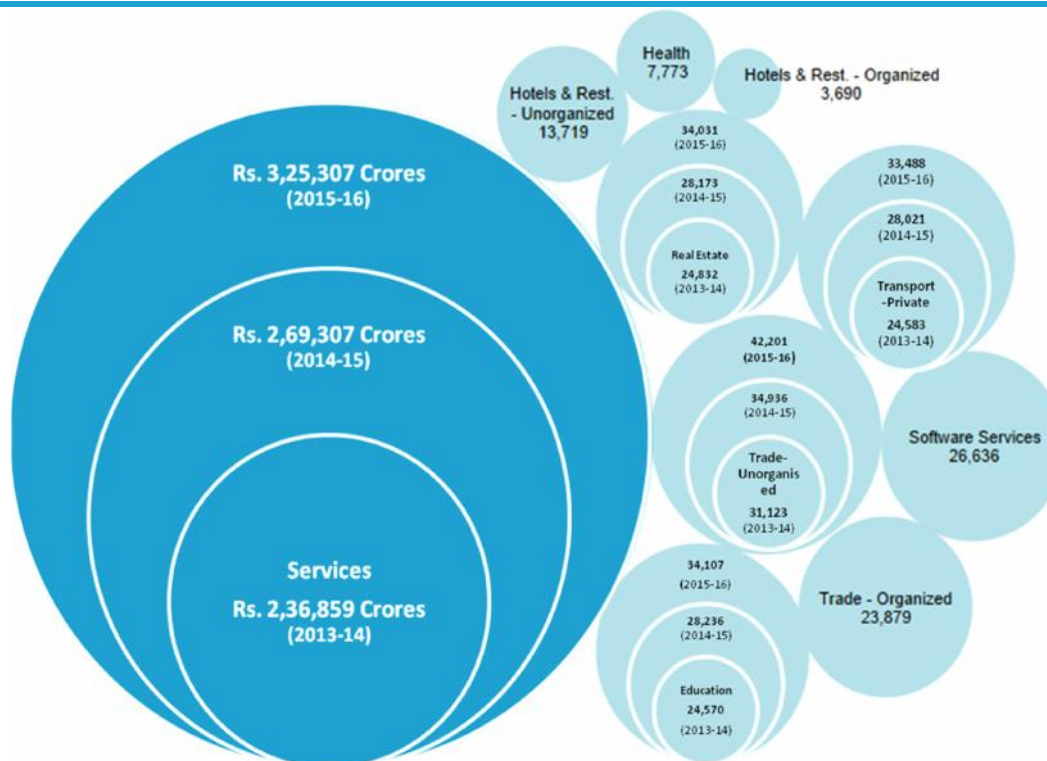
Real time monitoring mechanism will be through telephone call to assess demand and supply for credit and this data will be linked to CM dashboard.

Action plan/ New Initiatives proposed for MSMEs:-

1. PSU establishment with help of NABCONS for monitoring and oversee the implementation of credit plan across the state.
2. National Bank for Agriculture & Rural Development (NABARD) has prepared the State Focus Paper to direct and guide the flow of credit to sectors and geographies leading to sustainable and inclusive growth as envisaged by the State Government.
3. The fund with Small Industries Development Bank of India (SIDBI)/ National Agriculture and Rural Development, using the shortfalls against the Priority Sector Lending set for commercial banks to be used for credit refinancing of micro enterprises
4. Establishment of Aadhaar Based Survey and Data Management.
5. ICT Tools and Applications in business processes will enable MSMEs to improve their productivity and competitiveness in state and National Market.
6. Series of skill up-gradation trainings to be conducted according to demand in priority sectors.
7. The state may access up to 3000 Cr funds available for each state.
8. Aggregation of SHG, FPO and Interest groups

12. Services Sector

The services sector in Andhra Pradesh contributed over Rs. 2.69 lakh crore in 2014-15 compared to Rs. 2.36 lakh crore in 2013-14 registering a growth of 13%. The sector is the largest contributor to the state GSDP contributing over 51% of the total GSDP. As economies develop, contribution from services sector becomes larger and hence overall economy depends more on the performance of the services sector.



Sectoral Targets

- Trade, Hotel & Restaurants - The sector is expected to contribute Rs. 86019 crore in 2015-16 an increase of 20.8% compared to 2014-15
- Transportation services are expected to contribute over Rs. 45352 crore in 2015-16, registering a growth of 20.8% compared to 2014-15
- Real Estate and Housing is the second largest contributor to the service sector. The sector has increased at a CAGR of 16.5 % between 2005-06 and 2014-15. The sector is expected to contribute Rs. 68335 crore in 2015-16 an increase of 20.8 % compared to 2014-15

Service Sector GSDP Contribution – 2015-16

- Service sector in the state is the largest contributor to the state economy accounting for over 51% of the state GSDP in 2014-15
- The service sector has grown at a CAGR of over 15.5% between 2005-06 and 2014-15. However, the sectoral share of the service sector has increased from 48% to 52 % between the same time period
- Trade, Hotels and Tourism account for the largest share in the service sector GSDP (27%) and also in the state GSDP (14%)
- Other major contributors to the service sector include real estate and dwelling at 21 % and transportation and storage at 14%.
- A target of Rs. Rs. 325307 crore has been estimated for the year 2015-16, resulting in a growth of 20.8% compared to Rs. 269307 crore in 2014-15

12.1 Services Sector GVA and Growth Rate at current prices (2004-05 to 2014-15 and Targets for 2015-16)

	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15 (AE)	2015-16 (T)
a. Trade, Hotel & Restaurants	18770	21546	27265	32397	32580	36983	44398	50794	55973	63437	71211	86019
b. Railways	948	962	1129	1260	1380	1542	15671726	27232196	32692828	36123293	4398	5313
c. Transport by Other means & Storage	7085	7678	8464	9782	11723	13624	6	4	7	8	37545	45352
d. Communications	2550	2781	2896	3230	3849	4586	4548	4537	5256	6300	7883	9522
e. Financing, Insurance, Real estate & Business Services	5992	6376	7484	9005	11389	12322	15474	12918	14546	15923	17752	21443
f. Real estate, Ownership of Dwellings & Business Services	12670	14258	16133	19650	23120	26793	31548	36200	4986	4	56572	68335
g. Public Administration	5329	5357	6213	6913	8441	9635	11152	12078	3529	4000	13739	16588
h. Other Services	12068	14132	16423	17997	20623	24624	31323	7	7	48197	55387	66905
Services Sector	65411	73091	86008	100234	113104	130109	157275	176510	203547	236859	269307	325307
a. Trade, Hotel & Restaurants		14.8%	26.5%	18.8%	0.6%	13.5%	20.0%	14.4%	10.2%	13.3%	12.3%	20.8%
b. Railways		1.5%	17.4%	11.6%	9.5%	11.7%	1.6%	73.8%	20.1%	10.5%	21.8%	20.8%
c. Transport by Other means & Storage		8.4%	10.2%	15.6%	19.8%	16.2%	26.7%	27.2%	28.8%	16.4%	14.0%	20.8%
d. Communications		9.1%	4.1%	11.5%	19.2%	19.1%	-0.8%	-0.2%	15.8%	19.9%	25.1%	20.8%
e. Financing, Insurance, Real estate & Business Services		6.4%	17.4%	20.3%	26.5%	8.2%	25.6%	16.5%	12.6%	9.5%	11.5%	20.8%
f. Real estate, Ownership of Dwellings & Business Services		12.5%	13.2%	21.8%	17.7%	15.9%	17.7%	14.7%	17.3%	17.4%	13.5%	20.8%
g. Public Administration		0.5%	16.0%	11.3%	22.1%	14.1%	15.7%	8.3%	13.8%	20.7%	11.9%	20.8%
h. Other Services		17.1%	16.2%	9.6%	14.6%	19.4%	27.2%	12.7%	13.3%	20.5%	14.9%	20.8%
Services Sector		11.7%	17.7%	16.5%	12.8%	15.0%	20.9%	12.2%	15.3%	16.4%	13.7%	20.8%

12.2 District Wise Services Sector GVA (Rs. Crore) Targets for 2015-16

	Srikaulam	Vizianagaram	Visakhapatnam	East godavari	West godavari	Krishna	Guntur	Prakasam	Nellore	Chittoor	YSR Kadapa	Ananthapuramu	Kurnool
Trade,Hotel& Restaurants	3421	3020	15668	9087	7694	7833	7780	5307	4591	5618	5098	6168	4734
Railways	250	331	975	256	220	961	385	175	322	411	126	731	170
Transport by Other means & Storage	1722	1132	7220	4968	3788	6175	4689	2606	2586	3191	2052	2246	2979
Communications	443	478	925	1056	756	1169	856	516	585	785	492	718	740
Banking & Insurance	842	857	2196	2278	1820	2486	2360	1464	1331	1789	1131	1452	1437
Real estate, Ownership of Dwellings & Business Services	2252	1994	18314	4395	3434	15256	5173	2806	2578	3392	2306	3163	3272
Public Administration	757	1042	3662	1728	1431	2930	2124	1248	1491	1918	858	2191	1038
Other Services	3567	3554	5785	6845	5608	6651	6639	4227	3951	5663	3887	5245	5282
Services Sector	13255	12408	54745	30613	24752	43460	30007	18348	17434	22768	15949	21914	19652

Part –II

KEY PERFORMANCE INDICATORS

13. **Monitoring Double Digit Growth through Key Performance Indicators (Draft Framework)**

Achieving Double Digit Growth – Mission Approach

Government of Andhra Pradesh has developed an action plan for achieving double-digit growth in the year 2015-16 and to sustain it for 15 years for realizing the development objectives as part of Vision 2029. The State Government has adopted a Mission-based approach to achieve sustainable development and double-digit growth through seven Missions, five grids and five campaigns.

Need and importance of a robust M&E Set up

The departments have been conventionally furnishing the outcome budgets on annual basis for monitoring the financial, physical progress and outputs for key schemes. A comprehensive monitoring and evaluation (M&E) framework is proposed for the first time in the State to monitor the growth in terms of the long-term vision of the state in addition to the annual plan monitoring. The M&E framework will also establish benchmarks for peer comparison with the other states on one hand and the ranking on the global indicators on the other hand to establish the global competitiveness of the state of Andhra Pradesh. The M&E framework will be Sustainable Development Goal (SDG) compliant as when it will be adopted. The framework is built around multilevel monitoring linked to the functions discharged at the particular administrative hierarchy.

- A set of indicators pertaining largely to the input and output level will be at the department level and the departments would review the progress in respect of these indicators elaborately at their respective levels
- The monitoring at Chief Secretary and Hon'ble Chief Minister level will be performed Mission wise. The performance on this category of indicators, largely comprising of the outcome and output indicators is intended for reporting by the Mission Coordinators to Chief Secretary and Hon'ble Chief Minister. It will also include indicators from the Sustainable Development Goals.
- In addition to the departments grouped at the Mission level, certain departments whose indicators do not directly fall under any of the seven missions but require periodic monitoring have been broadly classified as Revenue earning and Governance (including regulatory departments)
- The grievances, CM's Assurances and issues pertaining to each of the departments shall also be monitored at mission level.
- However, there will be unavoidable overlapping of the indicators under the different categories. Overtime, these indicators will get firmed up and can be modified/added /merged/grouped.

Monitoring Double digit growth – Process

Hon'ble Chief Minister is keen to establish a robust Monitoring and Evaluation (M&E) Framework with Key Performance Indicators (KPI) to review the performance of the respective Missions (and departments concerned) and for timely addressing the bottlenecks and concerns of the

departments. The Departments have prepared the State level action plan for the double digit growth. The Chief Secretary has reviewed the action plans of departments mission-wise to firm up the targets. It is proposed to have Mission-based periodic reviews at CM/Mission and CS levels. The following review mechanism at various levels is proposed:

Monthly reviews

The progress presented by the Secretary of the department concerned and coordinated by the Mission Coordinating Secretary will be reviewed by 5th of every month by Vice Chairman of the Mission and Chief Secretary. It will also include the following issues in addition to the progress on the KPIs.

- Inter-departmental coordination,
- Key project progress - identified as growth propelling projects
- Review the third party evaluation and adoption of best practices

Quarterly reviews by Hon'ble Chief Minister

The Mission Vice Chairman and the Mission Coordinating Secretary will present the Mission Performance Report to the Hon'ble Chief Minister after 10th of the scheduled month and the Chairman of the respective Mission. The quarterly report is proposed to include following

- Selected indicators
- Key project progress
- Performance report by Hon'ble Minister and the Secretary concerned on the performance of the department and mission and the steps taken by them to address the issues

Monitoring Double digit growth – Structure

A formal implementation review mechanism and structure will be established at various levels that is Planning Department, Mission Coordinators and District Collectors. The following units will consist of the government personnel and the professionals hired on contract.

- Planning Department – A *Strategic Planning and Innovation Unit (SPIU)* will be established under Special Chief Secretary (Planning). The Unit will consist of Senior Consultants and Research Fellows/Associates, GIS/MIS.
- Mission Coordinator Level - *Mission Support Unit (MSU)* already notified for establishment will also consist of experts of Knowledge Partner, GIS/MIS.
- District Collector Level – *District Delivery Unit (DDU)* consisting of district level persons of Primary Mission, SEM, Industry, Service Mission and Banking plan specialist, M&E specialist, Capacity building person, GIS & MIS person, NIC representative will be established.

Monitoring Double digit growth – Key Performance Indicators

A draft Monitoring and Evaluation Framework and an indicative set of indicators pertaining to different sectors have been prepared and circulated for comments and adoption by the Mission

Coordinators and the departments. The framework is primarily integration of the existing systems of reporting and monitoring with few additions for global benchmarking and creating a web application/dashboard for online status of KPI.

The KPI to be finalized by the Missions and departments include the indicators from the following sources. A tentative draft list of indicators arrived at by integrating the indicators from these sources, through consultations with Vision team, Mission knowledge partners and departmental persons, have been furnished to departments for consideration and to confirm/add/delete/revise the same. The indicators are being firmed up by the departments.

- Global Benchmarking - The M&E framework is to be aligned with global benchmarks, widely adopted sector specific global indices, particularly conformity with Sustainable Development Goals.
- Outcome Budget - Indicators included in existing Outcome Budgets presented to the State Legislature by the respective departments should be part of the proposed list of indicators. The targets as provided by the departments, in the Outcome Budget, are also filled in which may be verified by the departments for correctness and appropriateness.
- Growth Engines – Each sector/district has identified certain growth propelling engines like value addition to the horticulture produce, Chennai Bengaluru Industrial Corridor, 4/6 lane road connectivity plan, Buddhist circuit tourism project etc. The list of KPIs will also include the indicators to review the implementation and performance of the proposed / identified growth engines
- 20 Non-Negotiable Priorities – The indicators will also reflect the achievement on 20 non – negotiable priorities identified under Smart Village and Smart Ward initiative
- Financial Performance – The M&E system will be linked to the existing Finance Department’s portal for reporting the scheme wise financial achievement against the Budget Estimate 2015-16, fund releases and Expenditure.
- Gol Priorities – The Government of India, from time to time, intimate its priorities. The proposed set of indicators will also include some of the KPI related to the Gol priorities.
- Surveys/Studies - The information on some of the Mission level indicators may not be readily available and require conduct of studies by the respective departments. The list of studies/ surveys to be undertaken is being finalized.

Independent Evaluations – The Mission coordinators and the departments will lay out a plan of third party evaluations of some important performance indicators to enhance the credibility of the M&E.

Learning by Best practices -It is requested to specifically report the best practices, innovations; either by our own staff or elsewhere in the country or abroad.

Quarterly News Letter – Quarterly news letter to be brought out by each Mission highlighting the above and the quarterly progress on Mission Action Plan

Web Application - Linked to CM Dashboard

The M&E framework will be made online for ease of real-time reporting and access. The entire M&E framework will move on to State Enterprise Architecture (SEA), being developed by the ITE&C Department, as and when it is ready. However to address the immediate needs, the Centre for Good Governance (CGG) is developing a web application as an add on module to the Finance Portal already developed by CGG. Upon finalization of the list of indicators, it will be hosted through a web application. The Mission Coordinating Secretaries and the departments would fill in the targets for 2015-16 and the achievements for the month of April 2015-16 as per the time line.

- **Linkages** - To avoid duplication of efforts, the proposed M&E framework and its web application will be linked to the existing National/State databases/web applications like MCTS/ Water soft etc to extract all possible data from the computerized databases of the departments. The existing databases already being used by the departments will be linked to the proposed M&E system.
- The Username/Password is provided to each department to ensure the security of data. The facility of drilling down to district level for each indicator will be provided.
- The departments will be responsible to provide required bench marks, annual targets and achievement and nominate one person to coordinate with the CGG and Planning department, till the system gets stabilized.

Online Data Transmission:

- The entire KPI data will be entered online by the department concerned and preselected indicators will be linked to the CM's dashboard to real-time access.
- Scheme-wise release of fund will also be monitored using the Finance department's portal.
- CGG have conducted a three-day workshop from 4th to 6th May, 2015 with all the Mission HODs on the web based application usage.
- The existing databases already being used by the departments will be linked to the proposed M&E system
- KPI wise performance may also be put in public domain upon stabilization of the M&E system, which will merge in the State Enterprise Architecture as and when ready.

Status update:

The departments are providing required bench marks, annual targets and achievement. The departments are entering the targets and achievements for April, 2015 for respective indicators.

The Planning Department will coordinate the aforesaid reviews and also carryout study based annual assessments/global indicators. The Planning Department would facilitate the process through the respective Missions initially.

Keeping the importance of the task in view, the Chief Secretary is personally monitoring the progress periodically and is guiding the departments in firming up the Key Performance Indicators. The indicators of certain departments have been discussed at length by the Chief Secretary with the Prl. Secretary and Secretaries to CMO, Spl. CS(Planning). Subsequently, the Prl. Secretary to the Chief Minister also discussed with the officers of the Planning department and reviewed the status to firm up key indicators of departments.

Districts- the Growth drivers:

Bottom –up planning is the approach to achieve double digit growth on a sustained basis and time has come up to evolve strategies specific to local conditions and harnessing local strengths is the key for achievement. Districts as growth drivers have a key role in achieving the targets.

Certain indicators from out of the KPIs that are directly contributing to Double Digit growth are also being firming up. The finalization of the list of indicators is still in the draft stage and will get consolidated in 2-3 months' time. The Monitoring & Evaluation framework being put in place shall eventually go down to the Mandal level and the district administration has to gear up to the task.

13.1 PRIMARY SECTOR MISSION KPIs

- I. Agriculture
- II. Horticulture
- III. Animal Husbandry
- IV. Fisheries
- V. Co-operation
- VI. Agricultural Marketing
- VII. Sericulture
- VIII. EFST (Forests)
- IX. Irrigation

I. Agriculture

Department: Agriculture

Crop: PADDY

Performance during 2013-14				Performance during 2014-15				Annual Target for 2015-16			
Area (lakh Ha)	Prod. (Lakh Mts)	Productivity (Qtls/Ha)	GVA (Rs. In Cr)	Area (lakh Ha)	Prod. (Lakh Mts)	Productivity (Qtls/Ha)	GVA (Rs. In Cr)	Area (lakh Ha)	Prod. (Lakh Mts)	Productivity (Qtls/Ha)	GVA (Rs. In Cr)
25.83	119.89	46.42	15,502	23.88	123.15	51.57	18,514	24.73	137.7	55.68	20,701
S.No.	Indicator						Unit	Performance during 2014-15		Annual Target for 2015-16	
1	Seed Management-Supply of quality seed						Lakh Qtls.	1.52		0.46	
2	Area covered by Micronutrients or soil - Améliorants						Lakh Ha.	1.56		8.30	
3	Area covered under Chandranna Rythu Kshetralu						Ha.	6510		7650	

Crop: MAIZE

Performance during 2013-14				Performance during 2014-15				Annual Target for 2015-16			
Area (lakh Ha)	Prod. (Lakh Mts)	Productivity (Qtls/Ha)	GVA (Rs. In Cr)	Area (lakh Ha)	Prod. (Lakh Mts)	Productivity (Qtls/Ha)	GVA (Rs. In Cr)	Area (lakh Ha)	Prod. (Lakh Mts)	Productivity (Qtls/Ha)	GVA (Rs. In Cr)
3.52	22.13	66.86	2683	3.06	18.83	61.47	2168	4	26.47	66.18	3048
S.No.	Indicator						Unit	Performance during 2014-15		Annual Target for 2015-16	
1	Seed Management-Supply of quality seed						Lakh Qtls.	0.013		0.39	
2	Area covered by Micronutrients or soil - Améliorants						Lakh Ha.	0.72		2	
3	Area covered under Chandranna Rythu Kshetralu						Ha.	2300		2700	

Crop: COTTON (KAPAS)

Performance during 2013-14				Performance during 2014-15				Annual Target for 2015-16			
Area (lakh Ha)	Prod. (Lakh Mts)	Productivity (Qtls/Ha)	GVA (Rs. In Cr)	Area (lakh Ha)	Prod. (Lakh Mts)	Productivity (Qtls/Ha)	GVA (Rs. In Cr)	Area (lakh Ha)	Prod. (Lakh Mts)	Productivity (Qtls/Ha)	GVA (Rs. In Cr)
6.77	10.92	16.13	4731	8.18	14.49	17.71	5604	8.28	14.9	18	5763
S.No.	Indicator						Unit	Performance during 2014-15		Annual Target for 2015-16	

Achieving Double Digit Inclusive Growth – A Rolling Plan 2015-16

1	Seed Management-Supply of quality seed	Lakh Qtls.		
2	Area covered by Micronutrients or soil - Améliorants	Lakh Ha.	0.54	2
3	Area covered under Chandranna Rythu Kshetralu	Ha.		

Crop: OIL SEEDS

Performance during 2013-14				Performance during 2014-15				Annual Target for 2015-16			
Area (lakh Ha)	Prod. (Lakh Mts)	Productivity (Qtls/Ha)	GVA (Rs. In Cr)	Area (lakh Ha)	Prod. (Lakh Mts)	Productivity (Qtls/Ha)	GVA (Rs. In Cr)	Area (lakh Ha)	Prod. (Lakh Mts)	Productivity (Qtls/Ha)	GVA (Rs. In Cr)
14.39	22.43		4826	11.23	19.2						

S.No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1	Seed Management-Supply of quality seed	Lakh Qtls.	2.17	5.97
2	Area covered by Micronutrients or soil - Améliorants	Lakh Ha.	1.11	4.24
3	Area covered under Chandranna Rythu Kshetralu	Ha.	4110	4830

Crop: OTHER CROPS

Performance during 2013-14				Performance during 2014-15				Annual Target for 2015-16			
Area (lakh Ha)	Prod. (Lakh Mts)	Productivity (Qtls/Ha)	GVA (Rs. In Cr)	Area (lakh Ha)	Prod. (Lakh Mts)	Productivity (Qtls/Ha)	GVA (Rs. In Cr)	Area (lakh Ha)	Prod. (Lakh Mts)	Productivity (Qtls/Ha)	GVA (Rs. In Cr)
			7736				9082				10295

S.No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1	Seed Management-Supply of quality seed	Lakh Qtls.	1.74	5.32
2	Area covered by Micronutrients or soil - Améliorants	Lakh Ha.		0.46
3	Area covered under Chandranna Rythu Kshetralu	Ha.	3160	3740

Crop: TOTAL CROPS

Performance during 2013-14				Performance during 2014-15				Annual Target for 2015-16			
Area (lakh Ha)	Prod. (Lakh Mts)	Productivity (Qtls/Ha)	GVA (Rs. In Cr)	Area (lakh Ha)	Prod. (Lakh Mts)	Productivity (Qtls/Ha)	GVA (Rs. In Cr)	Area (lakh Ha)	Prod. (Lakh Mts)	Productivity (Qtls/Ha)	GVA (Rs. In Cr)
81.28			41743	76.7			44565	68.71			50490

S.No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1	Seed Management-Supply of quality seed	Lakh Qtls.	5.443	12.14
2	Area covered by Micronutrients or soil - Améliorants	Lakh Ha.	3.94	17
3	Area covered under Chandranna Rythu Kshetralu	Ha.	16080	18920
4	Fertilizer distribution	LMTs	35.9	43.5
5	Polam Pilustondhi Mandals covered	No.	667	667
Promotion of Farm Mechanisation-implements				
6a	Custom Hiring Centers (Paddy, Maize, Ground nut, Cotton)	Nos.	73	238
6b	Combine Harvesters	Nos.	360	231
6c	Paddy Driers	Nos.	42	126
6d	Mini Tractors	Nos.	569	1402
6e	Bullock carts	Nos.	5660	2833
6f	Rotovators	Nos.	4383	2435
6g	Power Tillers	Nos.	3368	3218
6h	Plant protection Equipment (Sprayers)	Nos.	32250	23196

6i	Others (Land Preparatory, Planting, sowing, harvesting Post harvest equipment)	Nos.	18795	113183
7a	Area Under Irrigation - Canal Irrigation	Lakh Ha.	19.49	
7b	Area under - Ground Water Irrigation	Lakh Ha.	15.45	
8a	Financial support to farmers by providing crop loans at lower interest (3%) rates	Lakh No. of Farmers	0.075*	2.04
8b	Financial support to farmers by providing crop loans at lower interest (3%) rates – amount distributed	Rs. In Cr.	1.02*	10
9a	Interest free loans to farmers (Vaddileni Runalu)	Lakh No. of Farmers	4.42*	18.09
9b	Interest free loans to farmers – amount distributed	Rs. In Cr.	44.31*	172
10a	Debt redemption scheme to farmers	Lakh No. of Farmers	51.45	40.07
10b	Debt redemption scheme – amount distributed	Rs. In Cr.	7016	4300
11a	No. registered - Farmer Producer Organizations	No.		50
11b	Turnover of registered FPOs	Rs. Lakhs		
12a	Credit Plan: Amount under Agricultural Credit plan	Rs. In Cr.	29211.38	69548.83
12b	No. of farmers covered	No. Lakhs	47.62	70.21
13	Agriculture growth rate (constant price)	%		12%
14	Per capita food grain production	Kgs. per person		
15	Gross Fixed Capital Formation in Agriculture			

II. Horticulture

a. Department: Horticulture

S. No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1	Area expansion with drip irrigation	Ha.	2536	18000
2	Area of Horticulture to be brought under Micro Irrigation	Lakh Ha.	0.36	1.00
3	Quality Control Labs	Nos.	0	5
4	Custom Hiring Centers	Nos.	0	30
5	Certification for Good Agriculture Practices (GAP) including infrastructure	Ha.	0	7000
6	Pack houses established	Nos.	218	750
7	Shade nets established	Nos.	97	150
8	Cold storages established	Nos.	8	10
9	Reefer Vans	Nos.	0	10
10	Green Houses/Poly houses	Nos.	225	250
11a	Farmers Producer Organisations : No. registered	No. in Lakhs	0	48
11b	Farmers Producer Organisations : Turnover	Rs. in Lakhs	0	0

b. Horticulture-Crop Wise Targets

Crop Name	Performance during 2013-14				Performance during 2014-15				Annual Target for 2015-16			
	Area (lakh Ha)	Prod. (Lakh Mts)	Productivity (Qtls/Ha)	GVA (Rs. In Cr)	Area (lakh Ha)	Prod. (Lakh Mts)	Productivity (Qtls/Ha)	GVA (Rs. In Cr)	Area (lakh Ha)	Prod. (Lakh Mts)	Productivity (Qtls/Ha)	GVA (Rs. In Cr)
Banana	0.61	18.88		3717	0.61	28.71		3966		32.67		4779
Chilies	1.31	6.02		3855	1.35	5.24		4113		5.97		4957
Mango	3.04	27.37		3248	3.09	27.84		3465		31.73		4176
Others				15144				16158				19453
Total				33197				35417				42686

III. Livestock

a. Department: Animal Husbandry

S. No.	Item	Unit	Performance during 2013-14	Performance during 2014-15	Annual Target for 2015-16
Milk					
1	Production	Lakh MTs	90.83	96.56	108
2	GVA	Rs. In Cr	19044	22922	28944
Meat					
1	Production	Lakh MTs	4.89	5.28	5.52
2	GVA	Rs. In Cr	6802	8721	9917
Egg					
1	Production	Cr. No.	1273	1310	1400
2	GVA	Rs. In Cr	2319	2909	3134

b. FPOs in Livestock

S.No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1a	Farmers Producer Organisations : No. registered (SERP)	No.	-	60
1b	Farmers Producer Organisations : Turnover (SERP)	Rs. in Lakhs	-	
2	Progressive Farmers	No.	-	3000

IV. Fisheries

a. Department: Fisheries

Item	Performance during 2013-14				Performance during 2014-15				Annual Target for 2015-16			
	Area ('000 Ha)	Prod. (Lakh Mts)	Productivity (MT/Ha/Year)	GVA (Rs. In Cr)	Area ('000 Ha)	Prod. (Lakh Mts)	Productivity (MT/Ha/Year)	GVA (Rs. In Cr)	Area ('000 Ha)	Prod. (Lakh Mts)	Productivity (MT/Ha/Year)	GVA (Rs. In Cr)
Marine Fish	28.9	3.73	13	2,621	29.2	4.06	13.9	3,157	29.5	4.12	13.97	3,203
Inland Fish	675	11.4	8	7,603	676.15	12.77	8.52	8,409	719.05	13.93	8.8	9,138
Brackish Water Shrimp	37.1	0.88	2.8		37.25	1.05	2.82		38.45	1.9	2.96	
Marine Shrimp		0.65	2.3	7,275		0.69	2.36	9,759		0.75	2.54	13,493
Fresh water prawn		1.03	0.04									
Total	741	17.69		17,499	742.6	19.78		21,325	787	22.2		25,834

S. No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
2a	No. of fish tanks abandoned	Nos.		
2b	No. of fish tanks to be revived out of abandoned	Nos.		
2c	Area under fish tanks to be revived out of abandoned	Ha.		

V. Department: Co-operation

S. No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1a	Loans sanctioned-APCOB	No.		
1b	Amount disbursed through APCOB	Rs. In lakhs	8410	8850
2a	MARKFED –Fertilizers	Lakh. MTs	7.55	7.85
2b	MARKFED- Amount disbursed	Rs. In lakhs	70221.96	76464.6

VI. Department: Agricultural Marketing

S. No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1a	No. of Godowns - Storage Facility	No.	17	49
1b	Total storage space available - Storage Facility	LMT	0.33	1.09
2a	No. of Farmers benefited under Rythu Bandhu Pathakam	No.	3145	3500
2b	Amount extended as loan under Rythu Bandhu Pathakam	Rs. In lakhs	2602	3000
3a	Availability of online marketing – Modernization of Market Yards	No.	1	9
3b	Market cess collected - Modernization of Market Yards	Rs. In lakhs	43754	47500
3c	No. of market yards relocated - Modernization of Market Yards	No.	-	2
3d	Establishment of Rythu Bazars - Modernization of Market Yards	No.	-	5
3e	Mobile Rythu Bazars - Modernization of Market Yards	No.	5	35

VII. Department: Sericulture

S. No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1	Cocoon production – CB	MTs	27878.3	5900
2	Cocoon production – BV	MTs	3220.16	22335
3	Raw silk production – CB	MTs	3717.07	2828
4	Raw silk production – BV	MTs	495.41	2978
5	Yield per 100 DFLs	Kgs	61	62
6	Assistance to farmers for Bivoltine layings/ chawkie worms	Lakh BVH	19.40	3.54
7	Production of quality international grade BV cocoons (Production incentive to reeling cocoons produced by mulberry farmers)	MTs	1373.00	1570.37

VIII. Department: Environment, Forests, Science and Technology

S. No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1a	Revenue from - Forest (All)	Rs. in Cr.	53.02	71.81
1b	Revenue from - Red Sanders	Rs. in Cr.	384.19	1000
2	Rejuvenation/Afforestation of degraded forest area	Ha.	7570	7472
3	Forest Cover	%	20.09	20.14
4a	Modernizing Tirupati Zoo	Rs. in Lakhs	626.27	900.56
4b	Modernizing Visakhapatnam Zoo	Rs. in Lakhs	505.08	977.73
5a	Peripheral Trenches	Km	--	2432
5b	Water harvesting structures	No	253	1806
6	Seedlings raised in nurseries	Lakh	1340	1500
7	Trees Planted	Lakh Nos	83.27	82.19
8	Survival percentage	%	90	95
9	Tiger Status	No.	40	42
10	Wildlife counts	No.		
11	No. of Eco-tourism projects	No.	8	4
12	Visitors profiles available	No.		
13	No. of visitors to Eco-tourism projects	Lakh No.	14.28	15
14	Clearance of cases under FC Act, 1980	No.	8	40

IX. Irrigation

S. No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1	Creation of new ayacut under major and medium Irrigation	Lakh acres	0.19	3.32
2	Stabilisation of ayacut under major and medium Irrigation	Lakh acres	0	0
3	Gap ayacut to be bridged under Minor Irrigation	Lakh acres	9.96	3.13
4	Creation of new ayacut by APSIDC	Lakh acres	0.41	0.32
5	Stabilisation of ayacut by APSIDC	Lakh acres	0	1.64

13.2 SOCIAL EMPOWERMENT MISSION KPIs

- I. Women& Child Welfare**
- II. Health, Medical & Family Welfare**
- III. School Education**
- IV. Intermediate Education**
- V. Rural Development**
- VI. PR & RWS**
- VII. Social Welfare**
- VIII. Tribal Welfare**
- IX. BC Welfare**
- X. Minorities Welfare**
- XI. Disabled Welfare**

I. Department: Women & Child Welfare

Sr. No.	Indicators	Unit	Performance during 2014-15	Annual estimate for 2015-16
Pregnant Women Care				
1	Number of Pregnant women registered in Anganwadi centres	Lakh No.		
2	Number(%) of Pregnant women who have wt. gain of > 8kg	%		
3	No (%) of pregnant women having SNP regularly	%		
4	No. of Pregnant women identified with Anaemia			
5	Total number of deliveries	Lakh No.	6.85	6.88
Lactating Mothers Care				
1	Total no. of Lactating Mothers	Lakh No.		
2	% of Lactating Mothers registered with Anganwadi centres	%		
3	% of Lactating Mothers who had at least 4 PNCs	%		
4	% of Lactating Mothers who have SNP regularly	%		
Children (< 1 yr) Care				
1	Total no. of Children (< 1 yr)	Lakh No.		
2	% of Children (< 1 yr) registered at AWCs	%		
3	% of Children breastfed exclusively for 6 months	%		
4	% of Children who started Complementary Feeds at 7 months of age	%		
Services to Children (< 5 yr) Care				
1	Total no. of children (< 5 yrs)	Lakh No.		
2	% of Children enrolled in Preschool			
3	% of Malnourished Children identified Severe under weight, MAM & SAM	%		
4	% of Children monitored regularly for weight	%		
5	% of Children completed Supervised Feeding for MAM & SAM	%		
6	% of SAM Children admitted to NRC	%		
Adolescent Girls & Domestic Violence				
1	Total no. of Adolescent girls	No.		
2	% of Adolescent girls identified with anaemia	%		
3	No. of adolescent girls married below the age of 18 years	No.		
4	Number of Domestic Violence cases registered	No.		

II. Department: Health, Medical & Family Welfare

S.No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1	Expected registrations of Pregnant women	No.	9,23,517	9,61,508
2	High risk pregnant women identified	No.	37,055	92,259
3	No. of pregnant women attended at least 4 times during pregnancy by skilled health personnel for reasons relating to pregnancy	No.	5,90,341	8,65,357
4	Pregnant women who accessed 108 services for delivery	No.	2,16,763	3,60,000
5	Institutional delivery in Govt. facilities	%	45%	50%
6	Percentage of live births with low birth weight	No	10,369	-
7	Percentage of newborns breastfed within 1 hour of birth	%	88%	100%
8	Post-partum/ postnatal care coverage (seven visits)	%	51%	100%
9	Immunization services to infants (0-1 Years)	%	67%	100%
10	Complete immunization coverage (0-5 years)	%	59%	100%
11	Percentage of Population having universal health coverage	%	100%	
12	Percentage of population having health insurance coverage	%	100% of BPL	
13	NTR Vaidyaseva procedures done in govt, hospitals as percentage of total NTR Vaidyaseva procedures done (other than 133 earmarked procedures)	%	25.79% (78,432)	35%
14	Number of Govt. hospitals doing NTR Vaidyaseva procedures (other than the 133 earmarked procedures)	No. (%)	57 (72%)	-

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15	Doctors per 1000 population (WHO norm is 1 per 1000 population)	Per 1000	0.6	-
16	Total number of maternal deaths	No.	699 (CSSM reports)	
17	Percentage of maternal deaths audited	%	86.8% (AVNI)	100%
18	No. of Still births reported	No.	8529	
19	Infant Deaths reported (0-1 year)	Per 1000 live births	7796 (MCTS)	
20	Deaths among Children Under five years reported (0-5 years)	Per 1000 live births	10361 (MCTS)	
21	No. of Deaths from infectious disease (CDs)	No.	*87	
22	No. of persons dying between ages 30 -70 from any of cardiovascular disease, cancer diabetes, chronic respiratory disease, suicide (NCDs)	No.	*1600	

*Vital statistics report excluding TB and HIV deaths, estimates cannot be given for deaths due to diseases

**Estimates for deaths have not been given as a field study is underway to validate the various sources of data for infant and maternal deaths

III. : School Education

S. No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1	Gross Enrolment Ratio (class I-V,) for boys	%	89.50	95.00
2	Gross Enrolment Ratio (class VI-VII) for boys	%	80.16	85.00
3	Gross Enrolment Ratio (class VIII-X) for boys		72.8	78.0
4	Gross Enrolment Ratio (class I-V) for girls	%	88.4	95.0
5	Gross Enrolment Ratio (class VI-VII) for girls		80.19	85.00
6	Gross Enrolment Ratio (class VIII-X) for girls		74.8	80.0
7	Percentage of the literate population between age of 15-24 to total no of population	%	77.41	80.73
8a	Teacher Pupil Ratio at Primary level	No.	19	19
8b	Teacher Pupil ratio at upper primary levels	No.	24	24
8c	Teacher Pupil ratio at secondary level	No.	22	22
9a	Access to primary school with in the radius of 1 Km .	%	96.64	98.00
9b	Access to Upper Primary school with in the radius of 3 Km	%	92.22	95.00
10	% Children in Std III-V who CAN READ Level 1 (Std I) text or more	%	24.0	45.1
11	% Children in Std III-V who CAN DO subtraction or more	%	36.4	72.0
12	% Children in VIII who CAN READ text or more	%	13.1	26.0
13	% Children in Std VIII who can do Subtraction and more	%	29.0	58.0
14	Percentage of schools having toilet available and useable	%	61.0	100.0
15	Percentage of school having drinking water provision and available	%	84.0	100.0
16	E-learning centres established	No.		
17	No. of students benefited through e-learning centres	No.		
18a	No. of students passed in SSC examination-Total	No.		
18b	No. of students passed in SSC examination-Boys	No.		
18c	No. of students passed in SSC examination-Girls	No.		

IV. Department: Intermediate Education

S. No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1a	Enrolment (Class XI-XII) for Boys	Lakh No.	5.29	5.49
1b	Enrolment Ratio (Class XI-XII) for Boys	%	73.00	
2a	Enrolment (Class XI-XII) for Girls	Lakh No.	4.80	6.00
2b	Enrolment Ratio (Class XI-XII) for Girls	%	65.00	

V. Department: Rural Development

S. No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1	SHGs Linked with bank credit	No. of SHGs	188706	0
2	Households having functional bank accounts (Jan Dhan Yojana)	%	Under process	

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3	DWCRA groups benefited under Capital infusion scheme	No. of SHGs	No DWCRA groups benefited under Capital infusion scheme	
4	No. of SHGs taken up sand mining	No.	1800	11500
5	Amount earned by SHGs under sand mining	Rs. In Lakhs	269	114
6	Social Security Pensions (SSP) provided to Old Age Pensions (OAP)	Lakh No.	21.71	22.09
7	SSP provided to disabled persons	Lakh No.	5.29	5.29
8	SSP provided to widows	Lakh No.	13.99	13.99
9	SSP provided to toddy tappers	Lakh No.	0.11	0.11
10	Persons covered under new Pension Scheme	Lakhs No	41.23	42.64
11	SHG-Linked Producer Organization: No . registered	Rs. Lakhs	3	6
12	SHG-Linked Producer Organization: Turnover	Rs. Lakhs	347	520
13	No. of SHG members provided skill up-gradation	No.	99373	150000
14	Persons covered under Death & disability insurance (AABY)	Lakh No.	24.48	Premium not yet paid to LIC
15	Persons covered under new Insurance Scheme	Lakhs No	No New Insurance Scheme	
16	Persons covered under new new death cum relief Scheme	Lakhs No	No New death cum relief Scheme	

VI. Department: Panchayat Raj and Rural Water Supply

S.No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
Drinking water				
1	Coverage with safe piped drinking water meeting WHO guidelines - Schools	No	4140	3555
2	Coverage with safe piped drinking water meeting WHO guidelines - Anganwadis	No	1832	1990
3	Partially Covered Habitations (PC) (0-55 LPCD supply)	No.	2383	1796
4	Quality Affected Habitations (QA) through Schemes	No.	218	160
5	Quality Affected Habitations (QA) through Community Treatment Plants	No.		340
6	Coverage of Individual Household connections in rural areas	No.	18552	128688
Sanitation				
1	Construction of IHHLs	Lakh No.	2.45	15.22
2	Coverage of panchayats under solid waste management (SWM)	No.		
3	Coverage of panchayats under liquid waste management (LWM)	No.		

VII. Department: Panchayat Raj (Roads)

S.No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
	Construction of Rural roads - upgrading the existing earthen/gravel roads to WBM / BT standards		CC + BT Roads - 23,344 Kms	
	Under APRICRR		WBM - 10,421 Kms	
1a	Habitations	Nos	Gravel - 19,636	50
1b	Length	Km	Kms	98
			Earthen - 23,495 Kms	
	Under PMGSY (Upgradation)			
2a	Habitations	Nos		165
2b	Length	Km		440
	Under PMGSY (Connectivity)			
3a	Habitations	Nos		84
3b	Length	Km		212
4	Percentage of habitations having access to all-weather roads	%	78.66	
5	Percentage of habitations having access to public transport services (within 1 KM)	%	29.32	

VIII. Department: Social Welfare

S. No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1a	Pre-matric scholarships to the SC students – Fresh	Lakh No.	2.25	2.45
1b	Pre-matric scholarships to the SC students – Renewal	Lakh No.	1.17	1.26
2a	Post-matric scholarships to the SC students – Fresh	Lakh No.	1.07	1.48
2b	Post-matric scholarships to the SC students – Renewal	Lakh No.	1.36	1.52
3a	Reimbursement of tuition Fee to SC students – Fresh	Lakh No.	1.07	1.48
3b	Reimbursement of tuition Fee to SC students – Renewal	Lakh No.	1.36	1.52
4a	No. of Boys in College Hostels	No.	9976	12500
4b	No. of Girls in College Hostels	No.	8666	12500
5	No. of students enrolled in residential schools A.P.S.W.R.E.I.S.	No.	93701	105000
6	Bio-metric attendance of students in Schools	No.	Nil	Nil
7	Bio-metric attendance of students in SC Hostels	No.	35,661	1,00,000
8	Providing various infrastructure in Educational Institutions	No. of Works	20	17
9	Availability of drinking water in SC Hostels	%	100%	100%
10	Availability of functional toilets in SC hostels	%	80%	100%
11	Students assisted under NTR Vidyonnathi Scheme	No.	NA	250
12	Students assisted under Ambedkar overseas Vidyanidhi Scheme	No.	32	300
13	No. of SC Students benefited under softskill training/Skill up gradation	No	61	1500
14a	Financial assistance provided to SC families under economic support scheme	No. of families	16303	75702
14b	Financial assistance provided to SC families – Amount of subsidy	Rs. In lakhs	9251.84	46778.03
15	House sites distributed	No.	3,313	10,752
17	SC Households provided with free power	Lakh No.	3.5	4.5

IX. Department: Tribal Welfare

S. No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1a	Pre-matric scholarships to the ST students – Fresh	Lakh No.	0.17	0.19
1b	Pre-matric scholarships to the ST students – Renewal	Lakh No.	0.05	0.05
2a	Post-matric scholarships to the ST students – Fresh	Lakh No.	0.31	0.35
2b	Post-matric scholarships to the ST students – Renewal	Lakh No.	0.31	0.34
3a	Reimbursement of tuition Fee to ST students – Fresh	Lakh No.	0.31	0.35
3b	Reimbursement of tuition Fee to ST students – Renewal	Lakh No.	0.31	0.34
4a	No. of Boys in College Hostels	No.	8967	9864
4b	No. of Girls in College Hostels	No.	8620	9482
5	No. of students in residential schools and Jr.colleges	No.	41,246	44,760
6a	No. of Ashram Schools	No.	361	361
6b	No. of students in Ashram Schools		94155	103571
7	Bio-metric attendance of students in Schools	No.		
8	Bio-metric attendance of students in Hostels	No.		
9	Availability of drinking water in ST Hostels	%	100%	100%
10	Availability of functional toilets in ST hostels	%	76%	100%
11	No. of students in best available schools scheme	No.	4033	8341
12	No. of ST Students benefited under soft-skill training/Skill up gradation	No	3396	5000
13	Providing various infrastructure in Educational Institutions	No. of Works	134	189
14a	Financial assistance provided to ST families under various economic support scheme	No. of families	12,443	20,000
14b	Financial assistance provided to ST families – Amount of subsidy	Rs. In lakhs	6734.82	3400
15a	Coffee Plantation - Gap filling of Hud-Hud cyclone effected coffee plantation*	Acres	--	40125
15b	New coffee plantation	Acres	9023	6000
15c	New shade plantation	Acres	6100	10000
16	Connectivity to unconnected 6 tribal habitations under NABARD schemes	No. of KMs	72	96
17	Pattas under RoFR Act	No.	8177	12618

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18	Procurement of minor forest produce (MFP) and agriculture produce from tribals at remunerative prices	Rs. In lakhs	918.59	1585
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X. Department: Minorities Welfare

S. No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1a	Pre-matric scholarships to the Minorities students – Fresh	Lakh No.	0.52	1.15
1b	Pre-matric scholarships to the Minorities students – Renewal	Lakh No.	0.79	
2a	Post-matric scholarships to the Minorities students – Fresh	No.		
2b	Post-matric scholarships to the Minorities students – Renewal	No.		
3a	Reimbursement of tuition Fee to Minorities students – Fresh	Lakh No.	0.51	0.55
3b	Reimbursement of tuition Fee to Minorities students – Renewal	No.	0.55	0.6
4b	No. of Boys in College Hostels	No.	245/300	270/300
4c	No. of Girls in College Hostels	No.	84/150	100/150
5a	Bio-metric attendance of students in Schools	No.		
5b	Bio-metric attendance of students in Hostels	No.		
6	Coaching provided to Minorities children for competitive examinations		2742	4500
7a	Subsidy for Bank Linked Income Generated Schemes (APSCMFC) – No. of families	No.	118	1200
7b	Subsidy for Bank Linked Income Generated Schemes (APSCMFC)– Amount of subsidy	Rs. In lakhs	200	1200
8	No. of persons covered under Multi-sectoral development programme – No.	No.	11 Blocks & 11 Towns	11 Blocks & 11 Towns
9	Multi-sectoral development programme – Amount spent	Rs. In lakhs	1000	6000
10	No. of Minorities Students benefited under soft-skill training/Skill up gradation	No		

XI. Department: Disabled Welfare

S. No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1a	Pre-matric scholarships to the Disabled students – Fresh	No.	4057	4057
1b	Pre-matric scholarships to the Disabled students – Renewal	No.	12172	12172
2a	Post-matric scholarships to the Disabled students – Fresh	No.	475	475
2b	Post-matric scholarships to the Disabled students – Renewal	No.	1425	1425
3a	Reimbursement of tuition Fee to Disabled students – Fresh	No.		
3b	Reimbursement of tuition Fee to Disabled students – Renewal	No.		
4a	Bio-metric attendance of students in Schools	No.	Not introduced	
4b	Bio-metric attendance of students in Hostels	No.	Not introduced	
5	Coaching provided to Disabled children for competitive examinations		Nil	Nil
6	Subsidy for Bank Linked Income Generated Schemes. Economic Rehabilitation	No.	432	432
7a	Subsidy for Bank Linked Income Generated Schemes (APVCC) – No. of families		Nil	Nil
7b	Subsidy for Bank Linked Income Generated Schemes (APVCC) – Amount of subsidy	Rs. In lakhs	Nil	Nil
8	No. of Disabled Students benefited under soft-skill training/Skill up gradation	No	75	71
9	Persons assisted under rehabilitation and supply of with prosthetic aids	No.	11653	11653

13.3 URBAN MISSION KPIs

I. Department: Municipal Administration and Urban Development

S. No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1	Per capita domestic water consumption	litres/day	112	135
2	Population having access to safe drinking water supply (treated tap water within/outside the premises)	Number	13100000	650000
3	Households having access to latrine facilities within the premises	Number	2783362	258820
4	Households living in “kaccha” houses	Percentage		20%
5	Solid Waste Management	MT/day	6440 @	95%
6	Liquid Waste Management	Litres/day		
7	Supply of LED bulbs	No.		
8	Property Tax collected	Rs. In lakhs	67,183.83	77,260.00
	City public transportation capacity per 100,000 population			
9a	a) Bus transport (As per standards of National Transport Development Policy-2013)	No.20 buses/1000 pop		20 Buses/1 lakh pop.
9b	b) Rail transit, bus rapid transit on exclusive right of way (RoW) as percentage of total road and rail length	%		10% as per standards
10	Public transport buses with disabled friendly facilities plying in the city	%		10% of total Buses (As per standards)
11	Public investment in city development	Rs. In Cr.		
12	Total green area cover inside the city to total area of the city	%	7%	1.Small Cities-6-8% 2. Medium -10-12% 3.Large 12-14% 4.Metropolitan and Megapolies-14-16% (As per URDPFI guidelines)
13	Urban ground water coverage	%		
14	SHGs Linked with bank credit under State Revolving Fund	No. of SHGs	Rs. 1292/- 2000 SHGs	Rs.1600/- 6000 SHGs
15	SHGs benefited under Capital infusion scheme	No. of SHGs		1,60,000
16	No. of SHGs provided skill up-gradation	No.	EST & P- 7438 EDP- 6,500 members	EST P- 40,000 EDP-1,30,000
17	Households having functional bank accounts (Jan Dhan Yojana)	No.	4,00,000	12,00,000
18	No. of SHGs taken up sand mining	No.	6	10
19	Amount earned by SHGs under sand mining	Rs. In lakhs	41.5	-
20	SHG - Producer Organisations – No. Registered	No.		
21	SHG - Producer Organisations - Turnover	Rs. Lakhs	77.6	200
22	Persons covered under Death & disability insurance (AABY)	No.	5,44,356	17,59,560
23	SSP provided to OAP	Lakh No.		
24	SSP provided to disabled persons	Lakh No.		
25	SSP provided to widows	Lakh No.		
26	Persons covered under new Pension Scheme	Lakh No.		
27	Persons covered under new Insurance Scheme	Lakh No.		
28	Persons covered under new death cum relief scheme	Lakh No.		

@ 6440 Mt in a day, out of which 5667 Mt tons is being lifted per day (88%)

13.4 INFRASTRUCTURE MISSION KPIS

Infrastructure and Energy

I. Department: Infrastructure

S.No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1	Percentage of utilisation of the traffic handling capacity of the port	%		
2	Total revenue generated by the port	Rs in Crore		
3	Revenues accrued to the GoAP as share	Rs in Crore		
4	Capacity augmentation of ports	Million Tonnes		
5	Total value of the Cargo handled in ports Imports and exports	Million Tonnes		
6	No. of commercial flights operated on an average per day			
	(a) Domestic	Nos		
	(b) International	Nos		
7	No. passengers average per day			
	(a) Domestic	Nos		
	(b) International	Nos		
8	Cargo Handled	Lakh Million Tonnes		
PORTS				
1	Percentage of utilization of the traffic handling capacity of the Port	%		
	(a) Kakinada Anchorage Port		65%	70%
	(b) Rawa Port		80%	85%
	(a) Kakinada Deep Water Port		92%	93%
	(a) Gangavaram Port		70%	75%
	(a) Krishnapatnam Port		60%	70%
2	Total Revenue Generated by the Port	Rs. In Cr.		
	(a) Kakinada Anchorage Port		20.8	25
	(b) Rawa Port		4.13	5
	(c) Kakinada Deep Water Port		467.88	500
	(c) Gangavaram Port		795	810
	(c) Krishnapatnam Port		1748.16	2000
	Total :		3035.97	3340
3	Revenue accrued to the GoAP share	Rs. In Cr.		
	(a) Kakinada Anchorage Port		20.8	22.4
	(b) Rawa Port		4.13	4.39
	(c) Kakinada Deep Water Port		102.93	104
	(c) Gangavaram Port		13.01	13.94
	(c) Krishnapatnam Port		45.45	53.03
	Total :		186.32	197.76
4	Capacity augmentation of Ports (Million Tonnes)	Million Tonnes		
	(a) Kakinada Anchorage Port		2.7	4
	(b) Rawa Port		1.27	3
	(c) Kakinada Deep Water Port		20	20
	(c) Gangavaram Port		20.74	27
	(c) Krishnapatnam Port		39.46	51
5	Total Value of the Cargo handled in Ports Imports and exports (Million Tonnes)	Million Tonnes		
	(a) Kakinada Anchorage Port		5403	6000
	(b) Rawa Port		1890	2000
	(c) Kakinada Deep Water Port		51800.53	--
	(c) Gangavaram Port		30077.52	--
	(c) Krishnapatnam Port		41705.1	--
	Total:		130876.15	8000

II. Department: Energy

S.No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1	Capacity addition (APGENCO)	MWs	800	850
2	Renewable energy capacity addition	MWs	355.9	1400
3	AT&C losses (%)	%	10.37	10
4	T&D losses (%)	%	12.06	11.79
5	HVDC transmission lines	Km		
6	HVDS distribution lines	Km	7828.3	1882.4
7	Per capita electricity consumption	KWh per person	973	1091
8a	Population accessing reliable and quality electricity supply - Total	%	95.96	99
8b	Population accessing reliable and quality electricity supply - Rural	%	94.26	98
8c	Population accessing reliable and quality electricity supply - Urban	%	99.5	100

13.5 INDUSTRY MISSION KPIS

I. Department: Industries (Directorate of Industries)

S.No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1	No. of MSMEs - Organised sector	No.	2508	3000
2	No. of MSMEs - Un-organised sector	No.		30,000
3	Investment in MSMEs Organised sector	Rs. In Cr.	2,020	2,500
4	Employment in MSMEs Organised sector	No.	40,436	50,163
5	Large and Mega Industrial Projects established	No.	30	45
6	Investment in Large and Mega Industrial Projects	Rs. In Cr.	5,720	7,500
7	Employment generated through Large and Mega Industrial Projects	No.	10,000	15,000
8a	Rank in Ease of doing Business			
8b	Marks in Ease of doing Business	No.		
9	Competitiveness Index (defined as cluster development+ Capital infrastructure + local enterprise development+ Administrative infrastructure+ human resource development)	No.		
10a	Contribution of Industries as a percentage of GDP: Manufacturing industries (registered)	%		
10b	Manufacturing industries (unregistered)	%		
11	Employment in industry sector (% of total employment)	%		
12a	New Major industries proposal received	No.		
13b	New Major industries proposal cleared	No.		
14c	New Major industries proposal established	No.		
15a	Total functional SEZs	Number		
15b	Export value from the SEZs	Rs. In Cr.		
16	Banking Plan for MSMEs	Rs. In crores		
17	Total production value from MSMEs	Rs. In crores		
18	PCPIR Status			
19	Applications processed under single desk system	%		

13.6 SERVICES MISSION KPIS

I. Department: Youth Advancement, Tourism and Culture

S.No.	Indicator	Unit	2014-15 Performance	Target for 2015-16
1	Beach Tourism:			
	(a) Numbers	No.	2	11
	(b) Amount	Rs. In lakhs	877	2645
2	Adventure Tourism			
	(a) Numbers	No.	-	1
	(b) Amount	Rs. In lakhs	-	200

3	Nature tourism:			
	(a) Numbers	No.	1	1
	(b) Amount	Rs. In lakhs	486	300
4	Temple Tourism:			
	(a) Numbers	No.	14	23
	(b) Amount	Rs. In lakhs	1438	1453
5	Spiritual Tourism:			
	(a) Numbers	No.	-	1
	(b) Amount	Rs. In lakhs	-	72
6	Entertainment Tourism:			
	(a) Numbers	No.	-	2
	(b) Amount	Rs. In lakhs	-	362
7	History:			
	(a) Numbers	No.	-	1
	(b) Amount	Rs. In lakhs	-	62
8	Heritage:			
	(a) Numbers	No.	-	-
	(b) Amount	Rs. In lakhs	-	-
9	Tourism projects (8 themes) Beaches, Adventure, nature, temple, spiritual entertainment history and heritage , urban attractions			
	(a) Numbers	No.	17	40
	(b) Amount	Rs. In Lakhs	2801	5094
10	Employment generated		4 millions	30,000
	(a) Direct -	No.		
	(b) Indirect -	No.		
11	Annual footfall in tourism sites			
	a) National -	Millions	93	116
	b)International -	Thousands	66	90
12	Promotion of Tourism	Rs. Lakhs	372	7956
13	Percentages of GDP contribution from tourism	%	6.5	6.6
14	Tourism Fairs/Festivals in the State	No.	20	67

II. Information Technology, Electronics and Communications Department

S. No	Indicator	Unit	2014-15 Performance	Target for 2015-16
1	Setting up IT Hubs (No of Companies registered)	No	70	125
2	Employment created	No	2,361	33,206
3	Start-ups	No	75	1000
4	No. of departments covered e-governance/ e-filing system	No.	10	46 (23 Secretariat, 23 – HODs)
5	Exports Value	Rs. In Cr.		
6	No of Department covered to E-governance/E-filing System	No		
7	Percentage of habitation having access to communication (telephone or Mobile)	%		
8	Percentage of Human habitation having access to broadband(Fixed line/mobile)	%		
9	Percentage of households with internet by type of service by			
9a	(a)Rural	%		
9b	(b)Urban	%		

13.7 KNOWLEDGE & SKILL MISSION KPIS

I. Department: Skill Development

S. No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1	No. of people to be trained	Lakh No.		2.38
2	No. of partnerships to be initiated (industry & academy)	Partnerships		10
3	No. of skill development centers to be established	%		130
4	Placed/Settled (percentage)	%		40%
5	No. of entrepreneurship models	Number		5
6	International collaborations	Number		3
7	Innovative projects/practices	Number		50

13.8 REGULATORY DEPARTMENTS KPIs

- I. Governance
- II. Disaster Management
- III. General Administration
- IV. Law
- V. Home
- VI. Home (Fire)
- VII. Housing
- VIII. Civil Supplies

I. Department: Governance

S. No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1	Proportion of cases recorded and redressed through Grievance Redressal Systems	%		
2	Total schemes seeded to Aadhar numbers	No.		
3	Proportion of households without bank accounts	%		
4	Public availability and implementation of Citizen Charters by government departments	No. of departments		
5	Availability of Information Centre/ Mee Seva Centre at GP/Ward	No. of GP/Ward		
6	Number of services covered by Mee Seva Centres	No.		
7	Number of applications received and redressed at Mee Seva Centres	No.		
8	Percentage of Smart Village-Smart Ward adopted	%		

II. Department: Disaster Management

S. No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1	Disaster Mortality	Number of people killed in a disaster		
2	Losses from Disasters	as a % of GSDP		
3	Number of Districts/Mandals that are implementing risk reduction and disaster management plans informed by national framework			
4	State's annual budget allocation to disaster risk reduction, preparedness and management	%		
5	Disaster Management Action Plan prepared for 2015-16 total Amount	(Rs. In lakhs)		
6	No. of works sanctioned under Disaster Management, Scheme wise and financial	No.		
7	No. of works completed under Disaster Management, Scheme wise and financial	No.		
8	Scheme wise where works are yet to be sanctioned	No.		
9	Status of preparedness for disasters – man power & equipment			

III. Department: General Administration

S. No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1	No. of VIP visits	Number		
2	Expenditure incurred	Rs. in lakhs		
3	No. of VIPs visited	No. of persons		
4	Services provided to state guests	No. of persons		
5	Any other	Number		

IV. Department: LAW

S.No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1	No. of extra courts proposed	Number		
2	Disposal rate of cases in the Courts	%		
3	Formulation of civil litigation policy			
4	Total No. of GPs, AGPs and PPPs required to be positioned in all courts	No.		
5	Total No. of GPs, AGPs and PPPs positioned to be positioned in all courts	No.		

V. Department: HOME

S. No.	Indicator	Unit	Reported during the month	Reported during the previous month
1	Murders			
2	Crime against women			
3	Crime against SCs/STs			
4	Cyber crimes			
5a	Property offences - Reported			
5b	Property offences - Detected			
6	ROAD ACCIDENTS			
	A. a) Total Cases			
	b) No. of Deaths			
	c) No. of Injured			
	B. a) No. of Vulnerable Points			
	b) Rectification of Vulnerable Points			
7	UI CASES DISPOSAL			
	a) No. of Cases charged			
	b) No. of Cases Closed / Referred			
	c) No. of UI at the beginning of the month			
	d) No. of cases reported during the month			
8	COURT WORK / CONVICTIONS			
	a) No. of cases disposed by the courts during the month			
	b) Out of all the cases disposed by courts how many ended in conviction			
	c) Out of all the cases disposed by courts how many ended in acquittal			
	d) Out of all the cases disposed by courts how many ended in Compounding			
9	SCIENTIFIC INVESTIGATION			
	FINGER PRINT BUREAU			
	a) No. of finger prints collected during the month			
	b) No. of finger prints found tallied during the month			
	FORENSIC SCIENCE LABORATORY			
	c) Samples sent to FSL during the month			
	d) Reports received during the month			
	e) No. of cases pending with FSL for opinion in the beginning of the month			
	DNA REPORTS			
	f) Samples of DNA sent during the month			
	g) DNA Reports received during the month			

VI. Department: HOME (Fire)

S. No.	INDICATOR	Unit	Performance during 2014-15	Annual Target for 2015-16
1a	Average response time to fire accidents - rural	Minutes	20 to 47	
1b	Average response time to fire accidents - urban	Minutes	02 to 10	
2	No. of Campaigns awareness programmes conducted	No.	6530	7150

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3a	No. of inspections planned in hotels in cities	No.	276	681
3b	No. of inspections planned in malls in cities	No.	75	356
3c	No. of inspections planned in multiplexes in cities	No.	18	52
4	Profiles of cities prepared for averting fire accidents	No.	8	8
5	No. of hydraulic ladders required in the major cities	No.	6	
6	No. of hydraulic ladders procured in the major cities	No.	1	
7	No. of services being provided by the department to the citizens/institutions	No	7	No target
8	No. of services available online		yet to start	

VII. Department: Housing

S.No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1	Providing Permanent Houses to the BPL families under NTR Rural Housing Programme	No.	0	21,250
2	Providing Permanent Houses to the BPL families under NTR Urban Housing Programme	No.	4292	8,350
3	Providing Permanent Houses to the BPL families under IAY	No.	46,722	78,258
4	Construction of houses – Hudhud cyclone	No.		10,000

VIII. Department: Civil Supplies

S.No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1	Quantity of Subsidy of Rice distributed to White Card Holders	MTs		
2	Quantity of Subsidy of Rice distributed to AAY Card holders	MTs		
3	Quantity of Subsidy of Rice distributed to Annapoorana Card holders	MTs		
4	Quantity of Subsidy of Rice distributed to SABALA & Wheat based Nutrition Programme (WBNP)	MTs		
5	Total no. of Fair Price Shops in AP	No.		
6	Total no. of Fair Price Shops with e-POS in AP	No.		
7	Savings in Rice due to installation of e-POS	MTs		
8	Savings in Kerosene due to installation of e-POS	MTs		
9	Total No. of HHds covered with LPG connections under Deepam & any other scheme	No.		
10	Quantity of Paddy procured under MSP operations	MTs		
11	Quantity of Other commodities procured under MSP operations – Commodity wise	MTs		

13.9 REVENUE EARNING DEPARTMENTS

- I. Revenue
- II. Commercial Taxes
- III. Prohibition & Excise
- IV. Stamps & Registration
- V. Transport
- VI. Mines & Geology
- VII. Endowments

I. Department: Revenue

S. No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
	Mee-seva services			
1	No. of requests received for issue of Certificates (through 64 mee-seva services from Rev Dept)	Lakh No.	143.75	On Demand
1(a)	No. of requests cleared (through 64 mee-seva services from Rev	Lakh No.	136.56	On Demand

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	Dept)			
1(b)	No. of requests cleared for issue of certificates within stipulated time(through 64 mee-seva services from Rev Dept)	Lakh No.	75.27	On Demand
1(c)	No. of requests cleared with a delay of less than a month (through 64 mee-seva services from Rev Dept)	Lakh No.	3.85	On Demand
1(d)	No. of requests cleared with a delay of one month to 3 months(through 64 mee-seva services from Rev Dept)	Lakh No.	0.22	On Demand
1(e)	No. of requests cleared with a delay of more than 6 months(through 64 mee-seva services from Rev Dept)	Lakh No.	7.29	On Demand
1(f)	No. of requests under progress(through 64 mee-seva services from Rev Dept)	Lakh No.	1.43	On Demand
1(g)	No. of requests rejected (through 64 mee-seva services from Rev Dept)	Lakh No.	5.75	On Demand
Water Tax & OTC				
1	Land Revenue (Water Tax in existing water rates)	Rs. in Crores	86.08	631.56
	Land Revenue (One Time Conversion Fee (NALA)	Rs. in Crores	144.24	174.8
2	No. of cases identified by Vigilance department on violation of OTC Fee	Number		109 cases
3	Amount collected out of the total amount of Rs, 869.13 Crores locked up in the pending cases	Rs. in crores	2.99	866.14
Others				
1	RSR data digitization (a total No.of 1.90 crores Sy.numbers covering 17317 villages	Lakh No.	0	190
2	Digitization of FMBs(A total number of 49 lakhs FMBs to be digitized in 2015-16.	Numbers	The work is under process	
3	Establishment of Mandal Data Centres (out of total 670 Mandals, 335 Mandal data centres to be established in 2015-16	Numbers	The issue is under tendering process	
4a	Resumption of lands where violations in conditions of alienation is noticed - Extent of land	Acres		
4b	Resumption of lands where violations in conditions of alienation is noticed - No. of cases	No.		
4c	Govt. land protection - Extent of land	Acres		
4d	Govt. land protection - No. of cases	No.		

II. Department: Commercial Taxes

S.No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1	REVENUE REALISED FROM			
1a	Petrol Products (VAT+CST)	Rs. In Cr.	7,109.08	9,273.45
1b	Liquor (VAT+CST)	Rs. In Cr.	7,394.10	8,133.55
1c	Other Commodities (VAT+CST)	Rs. In Cr.	11,069.96	15,433.03
1d	Total (VAT+CST)	Rs. In Cr.	25,573.14	32,840.00
2	Other Acts	Rs. In Cr.	655.02	1,016.47
3	Total All Acts (1d+2)	Rs. In Cr.	26,228.16	33,856.47
4	A.P. Entertainment Tax	Rs. In Cr.		
5	A.P. Profession Tax	Rs. In Cr.		
6	A.P Luxuries Tax	Rs. In Cr.		
7	A.P.RD CESS	Rs. In Cr.		
8	Entry Tax (Both Acts)	Rs. In Cr.		
9	Horse Race & Betting Tax	Rs. In Cr.		
10	Others	Rs. In Cr.		
11	TOTAL	Rs. In Cr.		
12a	No. of cases pending	No.		
12b	Amount locked up in the pending cases	Rs. In Cr.		
13	Invoice matching	%	NA*	100%
14	Generation of CST way bills online	%	NA#	100%
15	Transport declaration at Boarder check post	%	NA*	70%

III. Department: Prohibition & Excise

S. No.	Indicator	Unit	Performance during	Annual Target for
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			2014-15	2015-16
1	Revenue realised from State Excise	Rs. In Cr.	3839.40	4680
2	No. of cases pending	No.		
3	Amount locked up in the pending cases	Rs. In Cr.		
4a	Track & Trace system from the factor to the consumer (HPFS) - Distilleries		100%*	
4b	Track & Trace system from the factor to the consumer (HPFS) - Depots		100%*	
5a	Shops rationing on the highway and other places – A4 Shops (885)		100%*	
5b	Shops rationing on the highway and other places – 2B Bars (77)		100%*	
6	Belt Shops control and illicit arrack control – No. of cases to be booked	No.		
7	Check posts strengthening and bringing in mobile units to control illicit – Strengthening to control illicit operations			

IV. Department: Stamps & Registration

S.No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1	Revenue realised from Stamps and Registrations	Rs. In Cr.	2837.42	3500
2	No. of cases pending	No.	7604	
3	Amount locked up in the pending cases	Rs. In Cr.	39.63	

V. Department: Transport

S.No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1	Revenue realised from taxes on Motor Vehicles	Rs. In Cr.		
2	No. of cases pending	No.		
3	Amount locked up in the pending cases	Rs. In Cr.		

VI. Department: Mines & Geology

S.No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1	Revenue realised from Mines & Minerals including Seignorage fees	Rs. In Cr.	966.11	1359.03
2	No. of cases pending	No.	155	200
3	Amount locked up in the pending cases	Rs. In Cr.	38.78	40
4	Exploration and mining of Beach Sands*	MT		
5a	Ilmenite	Tonnes	215492	258590
5b	Siliminite	Tonnes	33433	40120
5c	Rutile	Tonnes	6193	7432
5d	Zircon	Tonnes	3942	4730
5e	Garnet	Tonnes	84694	101633
6	Exploration of minerals in Polavaram Project and extraction before sub-mergence	MTs	-	Under Investigation

VII. Department: Endowments

S.No.	Indicator	Unit	Performance during 2014-15	Annual Target for 2015-16
1	Pilgrim amenities – amount spent on pilgrim amenities	Rs. In lakhs	5591.55	7500.00
2	Web-pilgrim services – no. of pilgrims availed web services	No.	23865	50000
3	Sanitary services – amount spent on sanitary services	Rs. In lakhs	958.12	1180.28
4	Annadanam – no. of pilgrims provided annadanam	No. in Lakhs	79.99	90.00
5	Aarogyadanam – No. of pilgrims provided health services	No.	321967	400000
6	Vidyadanam – amount spent on Vidyadanam	Rs. In lakhs	1010.00	1198.00

Part -III

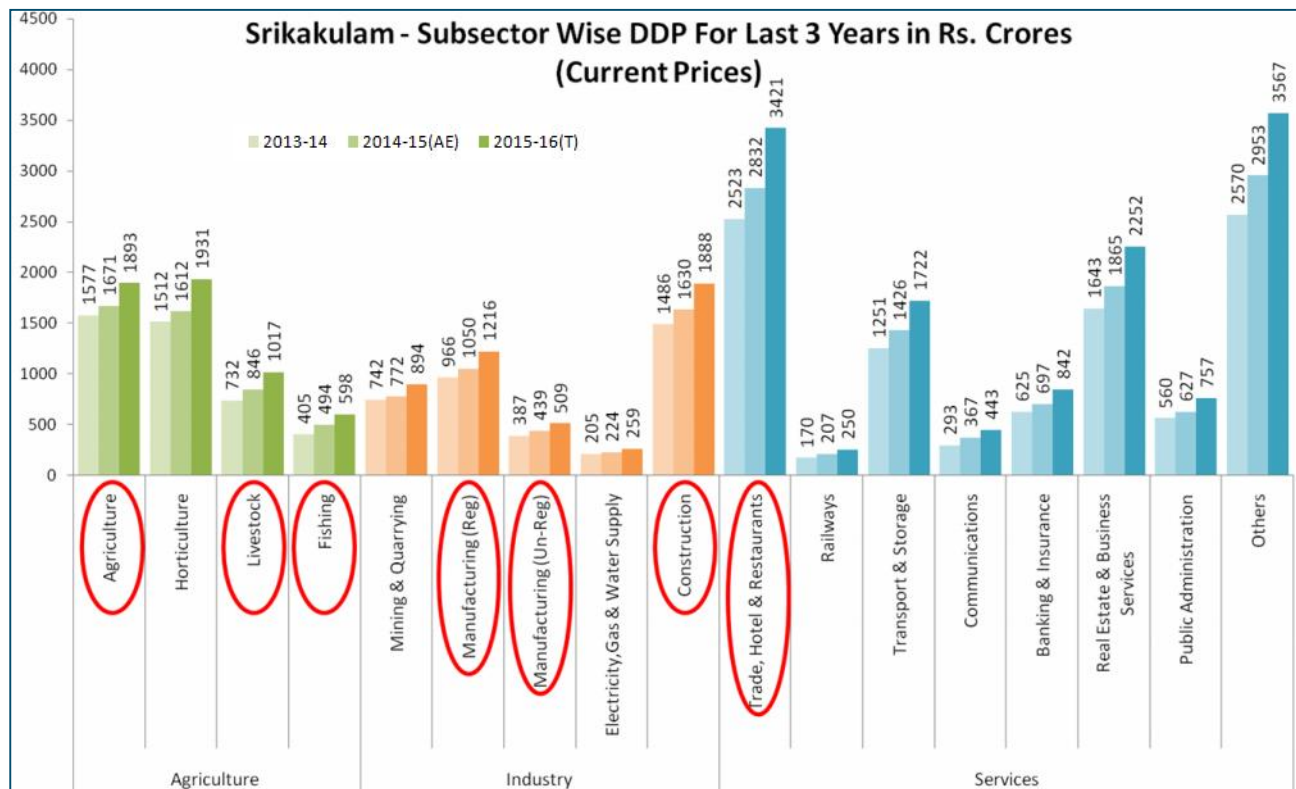
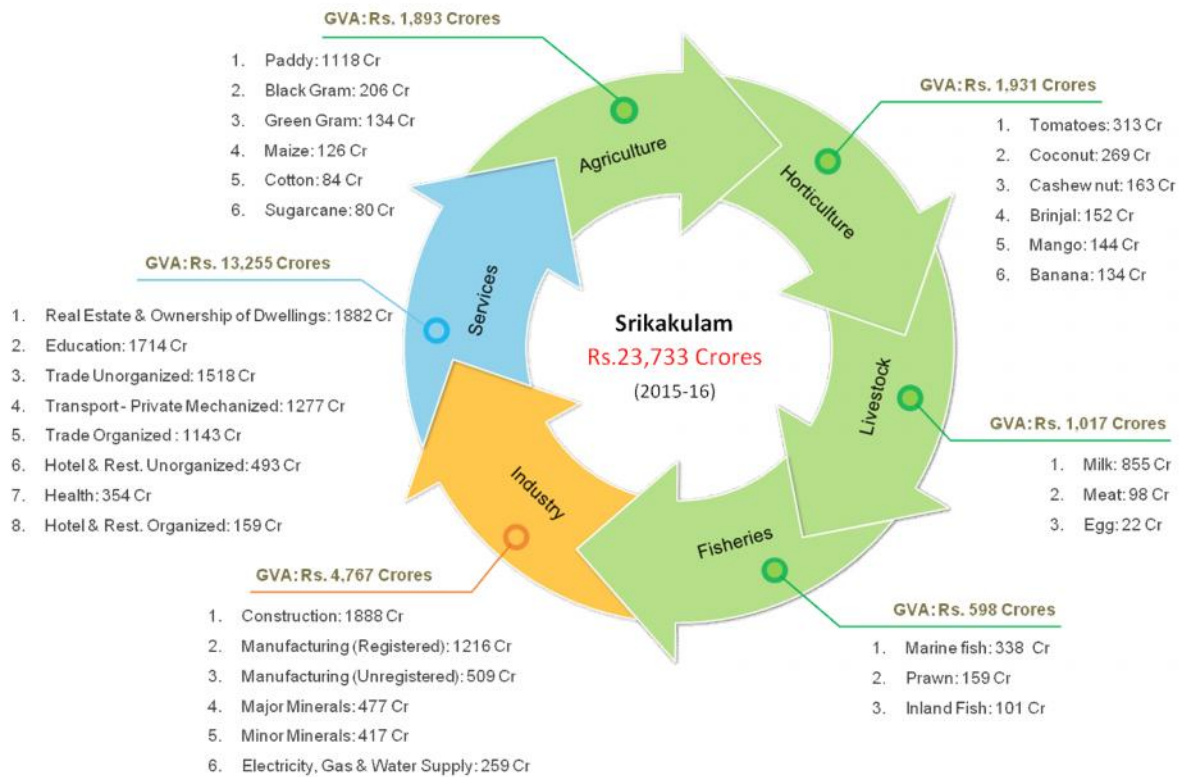
DISTRICT PROFILE OF ANDHRA PRADESH

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ANDHRA PRADESH DISTRICTS AT A GLANCE

I. Srikakulam District-Sector Wise Growth Engines GVA (Rs.Cr.) Targets for 2015-16



a. Srikakulam District Wise Growth Engines at Current Prices from 2014-15 and 2015-16 GVA (In Cr.)					
No.	Growth Engines	2014-15		2015-16	
		Production	GVA	Production	GVA
Agriculture (Production 'ooo tonnes)					
1	Paddy	665	1000	744	1118
2	Greengram	19	118	22	134
3	Blackgram	24	183	27	206
4	Sugarcane	465	74	503	80
5	Ground nut	8	25	10	31
6	Maize	78	90	110	126
7	Cotton (kapas)	21	81	22	84
8	Mesta (180 kg bale)	19	8	22	9
	Remainingcrops		92		106
	Total Agriculture		1671		1893
Horticulture(Production in tonnes)					
9	Tomato	178859	261	200322	313
10	coconut	249000	225	278880	269
11	Cashewnut	14061	136	15748	163
12	Brinjal	75971	127	85088	152
13	Mango	86413	120	96783	144
14	Banana	75000	112	84000	134
15	Bendi	51733	103	57941	124
16	Chillies	7000	77	7840	92
17	Beans	6372	23	7137	28
18	papaya	19714	20	22080	24
19	Onions	12000	17	13440	20
	Others		389		466
	Total Horticulture		1612		1931
c) Fishing (Production in Tonnes)					
20	Marine Fish (In tonnes)	48984	330	51820	338
21	Inland Fish (In Tonnes)	10822	41	19750	101
22	Prawn (In Tonnes)	3999	123	5140	159
	Total Fishing	63805	494	76710	598
d) Livestock					
23	Milk ('ooo MTs)	445	685	490	855
24	Meat('ooo MT)	7	86	8	98
25	Egg (Crore No.)	11	20	12	22
	Others		55		42
	Total Livestock		846		1017
e) Others(Forestry & Logging)			232		271
Total Agriculture and Allied Sector			4855		5711
II) INDUSTRY SECTOR					
26	Construction		1630		1888
27	Manufacturing- (Regd)		1050		1216
28	Manufacturing- (Un-Regd)		439		509
29	Minor Minerals		360		417
30	Electricity		193		224
31	Major Minerals		412		477
	Others		30		35
	Industries Sector		4114		4767
III) SERVICES SECTOR					
32	Ownership of Dwellings		1512		1826
33	Education		1419		1714
34	Trade - Un-Organised		1257		1518
35	Transport - Private Mechanised part		1057		1277
36	Trade -Organised		946		1143
37	Hotels & Restaurants -Un-Organised		408		493
38	Health		293		354
39	Hotels & Restaurants -Organised		132		159
40	Real Estate		46		56
	Others		3902		4713
	Services Sector		10973		13255
Gross District Domestic Product			19942		23733

The 40 Growth Engines contribute 76.26% in the Total GDDP of 2015-16: NOTE:-1 The Advance estimates of 2014-15 compiled at State level are based on production data sets provided by the respective departments and also based on indicators trends observed at that point of time. Hence the estimates at micro level are indicative.2. 2015-16 Target estimates are drill down to District level based on previous trends

b. Srikakulam District - Prospective Economic Activities

Manufacture of grain mill products, starches & starch products (Rice, Dal & Flour mills) has provided the highest employment over other economic activities. Currently this sector is providing an employment to 3312 through 598 establishments. The rapid growth has been in Processing and preserving of fruit and vegetables (processing of Cashew nuts etc.), Grain mill products, Maintenance, Retail sale of other goods in specialized stores and repair of motor vehicles. Below are the district specific activities listed in sector wise.

1. Horticulture:

- Proposed to establish new cashew processing units generating employment to 3050 and additional income of Rs.90 crores
- Modernization of existing Cashew units and Cashew Nut Shell (CNS) Oil Units with an amount of Rs.79 crores for getting additional income of Rs.406 Crores and additional employment of 25000.
- Introduction of new Pineapple varieties and Augmentation of Cold Storage facility for improvement of pineapple production. It requires Rs.30 crores investment which will generate employment to 5500 and creating additional income of Rs.25 crores.
- Proposed to provide irrigation facilities to the coconut gardens and to establish coconut based Industries (Dry Copra, Oil, Coir & Activated Carbon) with an amount of Rs.400 crores for generating additional income of Rs 124 and to generate 7000 direct and indirect employment.

2. Fisheries:

- Proposed to establish fish landing centers and cold storage centers in coastal villages and to establish Fishing Harbors at Calingapatnam & Bhavanapadu with the investment of Rs.200 crores which will generate 10000 employment and Rs.300 crores additional income.

3. Industries:

- Proposed to establish Pharma Hub (Industries, Formulation Units, Incubation Centers & Testing Labs) at Pydibheemavaram with an investment of Rs.813.43 crores which will generate additional employment of 7600 and Rs.2000 Cr additional income.
- Proposed to establish Food Parks (Cashew, Pine Apple, Mango, Jack fruit & Sea Food) with an amount of Rs.30 crores which will generate 1200 employment and generating additional income of Rs 24 crores.
- Salt Based Chemical Industries & Iodized Salt with the investment of Rs.2 crores which will generate employment of 3000 members and Rs.5 crores additional income.
- Proposed to establish Beach Sand Minerals industries with the investment of Rs.800 crores which will generate employment of 2000 and getting Rs.300 Crores additional income.
- proposed to establish 30 Color Granite Cutting and Polishing Units with the investment of Rs.100 crores in Tekkali, Saravakota, Ponduru mandals which will generate the employment to 7000 members and Rs.150 crores as additional income.
- Proposed to establish 35 stone crushing units (road metal) in 4 Mandals i.e. Hiramandalam, Narasannapeta, Tekkali, Palasa with the investment of Rs.40.25 crores which will generate additional income of Rs.90 crores and employment to 3000 people

4. Tourism:

- Development of Bird Sanctuary at Telineelapuram, Development of GullaSeetharamaSwamy Temple, Development of Bhavanapadu Beach/Siripuram Tank/Ponnada Hills and Buddhist Circuit at Salihundam with an investment of Rs.15.54 Crores, thereby creating employment to 1200 people and additional income of Rs.5 Crores.

Economic activity-wise working registered manufacturing units under 2m(i) and 2m(ii) sections of factories act and other manufacturing msme units under factories act, industries department and shops and commercial establishments act (labour department)

Name of the District: SRIKAKULAM

Sl. No	Economic Activity	NIC code 3 digit	Workers size class								TOTAL	
			1-20		21-50		51-100		101 and above			
			No.o fEsts	No.of workers	No.o fEsts	No.of workers	No.o fEsts	No.of workers	No.o fEsts	No.of workers	No.o fEsts	No.of workers
1	Processing and preserving of fruit and vegetables (Processing of Cashewnuts, Jams, Sauces, Pickles etc.,)	103	121	1621	48	1332	0	0	0	0	169	2953
2	Manufacture of vegetable and animal oils and fats (Edible and non-edible oils	104	25	93	1	28	0	0	0	0	26	121
3	Manufacture of grain mill products, starches & starch products (Rice, Dall & Flour mills etc.)	106	589	2996	8	261	1	55	0	0	598	3312
4	Manufacture of other food products (Bakers, Sugar, Kandasari, Gur, Idoised Salt, Papads, and Noodles etc.,)	107	17	65	0	0	0	0	1	340	18	405
5	Manufacture of beverages (Mineral water, Ice, Softdrinks& liquors)	110	24	95	0	0	0	0	0	0	24	95
6	Manufacture of wearing apparel except wool apparel (Ready made garments)	141	54	175	0	0	0	0	0	0	54	175
7	Sawmilling and planing of wood (Saw Mills)	161	23	98	0	0	0	0	0	0	23	98
8	Printing & Service activities related to Printing (Printing Press)	181	64	142	0	0	0	0	0	0	64	142
9	Manufacture of non metallic mineral products (Bricks, cement bricks, cement manufacturing and stone cutting and polishing etc.,)	239	73	503	4	151	1	95	1	151	79	900
10	Manufacture of structural metal products. (Iron doors, windows, shutters and other household metal equipments)	251	13	21	0	0	0	0	0	0	13	21
11	Maintenance and repair of motor vehicles (Motor vehicles repair shed)	452	84	253	2	62	0	0	2	814	88	1129
12	Sale, maintenance and repair of motorcycles and related parts and	454	7	24	0	0	0	0	0	0	7	24

Achieving Double Digit Inclusive Growth – A Rolling Plan 2015-16

	accessories (Sale and maintenance/repair of two wheelers etc.,)											
13	Retail sale in non-specialized stores (Fancy stores and other general stores)	471	31	63	0	0	0	0	0	0	31	63
14	Retail sale of food, beverages and tobacco in specialized stores (Kirana, Fruits and Vegetables and Wine shops etc.,)	472	425	1157	1	26	0	0	0	0	426	1183
15	Retail sale of other household equipment in specialized stores (Hardware, Furniture, Paints and Glass stores etc.,)	475	209	503	0	0	0	0	0	0	209	503
16	Retail sale of other goods in specialized stores (Cloth, Medical, Jewellery and Footwear shops etc.,)	477	711	1751	1	26	1	54	1	690	714	2521
17	Restaurants and mobile food services activities (Hotels and Restaurants)	561	136	685	1	40	0	0	0	0	137	725
18	Others (Not classified above)		1044	3889	29	866	8	575	32	9421	1113	14751
TOTAL			3650	14134	95	2792	11	779	37	11416	3793	29121

Note:

1. Regd. manufacturing units under 2m(i) section of Factories Act are 10 or more workers with power and section 2m(ii) of Factories Act are 20 or more workers without power.
2. Under manufacturing sector, units of less than 10 workers with Power in Factories Act and other manufacturing units registered under Industries dept. and Labour dept.
3. MSME (Micro, Small and Medium Enterprises) Micro units defines that investment in Plant and Machinery not exceeding Rs. 25 lakhs, where as in Small it is more than Rs. 25 lakhs but not exceeding Rs. 5 crores, in Medium it is more than Rs. 5 Crores but not exceeding Rs. 10 Crores.

Additional Projects / Game changing initiatives

INDUSTRIES SECTOR:

1. National Nuclear Power Project At Kovvada
2. Solar Power Projects
3. Cold Storages & Ice Plants (For Fruits & Sea Food)
4. Granite Cluster
5. Rice Cluster
6. Coconut Based Industries (Dry Copra, Oil, Coir & Activated Carbon)
7. Seed Processing Units
8. Agricultural Implements & Fertilizer Units

TOURISM SECTOR:

Beach Front Recreational Activities

Beach Resorts/ Hotels and Amenities like Beach Water Sports, shacks, snacks, rides, etc are to be created

- a) At Baruva(Sompeta Mandal) b) At Bhavanapadu Beach(Santha Bommali Mandal) c) At Kalingapatnam Beach(Gara Mandal) d) At Mogadalapadu, Sivasagar Beach & Kallepalli Beach

Reservoirs/ Lakes

1. Vamsadhara Barrage & Reservoir (Hera Mandal)
2. Madduvalasa Reservoir (Vangar Mandal)
3. Rangasagaram Park (Saravakota Mandal)
4. GajilliGedda(Burja Mandal)
5. BondiGedda(Seethampeta Mandal)
6. Siripuram Tank (Santakaviti Mandal)
7. RajulaCharuvu(Narasannapeta Mandal)

Development of Buddhist Circuit

1. Kalingapatnam (Gara Mandal)
2. Salihundam (Gara Mandal)
3. Dantapuri (sarubujjili Mandal)
4. Dabbakavanipeta (Polaki Mandal)
5. Jagathi (kaviti Mandal)

Eco Tourism

1. Bird Sanctuaries Telineelapuram bird sanctuary (Tekali Mandal)
2. Bird Sanctuaries Telikunchi bird sanctuary (Ichapuram Mandal)
3. Tortoise Conservation Centre in Srikurmam Temple (Gara Mandal)
4. MettuGedda Waterfalls, Kusimi Waterfalls, SunnapuGedda Waterfalls in Seethampeta Mandal
5. Tribal Museum In Seethampeta Mandal
6. Pulli Honda Cave cum Tunnel(Bamini Mandal)

Heritage:

Development following temples

1. Sri Somesvara Temple and Bhimesvara Temple at Mukhalingam
2. Suryanarayana Swamy temple
3. Srikurmam temple (Gara Mandal)
4. Venugopala Swamy Temple, Salihundam (Gara Mandal)
5. Radha GovindaSwamy Temple at Meliaputti
6. Sree Seetharama Swamy Temple at Gulla Seetharampuram, Santhakaviti Mandal
7. Sangameswara Temple at Sangam Village
8. KothammaTalli Temple, Kota Bommali
9. JamiaMasid constructed in 1678, Srikakulam
10. Madina Baba Darga, Kalingapatnam
11. PeerlaKonda at Ichapuram

12. Pandavula Metta (Dannanapeta) (Amadalavalasa Mandal)
13. Deerghasi Inscriptions (Deerghasi Village) (Polaki Mandal)
14. Mandasa Port (Mandasa)
15. Dutch Building (Srikakulam)

MICE

1. Develop minor MICE Convention Centre at Srikakulam
2. Identify locations next to major highways and develop wayside amenities

Recreation/ Adventure

1. Development of amusement park

Religious

1. Development of surrounding area of Suryanarayana Swamy temple
2. Development of Vaishnava Temples Circuit for Visitors from Tamil Nadu/ Karnataka/ Maharashtra/ AP etc

Handlooms & Textiles:

1. APITCO has been entrusted to prepare DPR for Handloom park cum Mega Cluster in 25 Acres. Plot in Tamarapalli Village of Narasannapeta Mandal benefitting 400 – 500 Weaver families. The cluster to have the state of the Art facilities including training and skill upgradation and construction of Work shed cum Houses to the Weavers in Ponduru and Narasannapeta with an estimated cost of Rs.250 Crs.
2. The Weavers Cooperative Societies requesting for re-construction of work sheds which are in dilapidated condition. About ten work sheds required with a cost of three crores @ thirty lakh rupees for each.
3. For Ponduru Kuppam Dhoti processed material, the Commissioner, H & T, to arrange GI identity brand value.

Srikakulam Municipality:

1. A 5 Kms. radius Ring road to be constructed shortly as per Hon'ble CM's announcement on 14-02-15 at Narasannapeta Public Meeting.
2. To construct Comprehensive Storm Water Sewerage Drainage with an amount of Rs.119 Cr and establishment of STPL Unit to prevent affluence being let off to River Nagavali. DPR submitted to the Govt.,
3. To prepare perspective master plan for coming 20 years to take development in a radius of 10 Kms., covering an area of 350 Sq.Kms. – under preparation.
4. To introduce energy saving interventions like LED lighting and Solar Power etc.
5. To attempt Solid Waste Management from Urban waste for Vermi Composting.

Sports:

1. Renovations to the existing KodiRammurthy Stadium with an estimated cost of Rs.14.00 Crs.
2. State level Tribal Sports School at Srikakulam from next Academic year.
3. Construction of 317 PYKA Sports Houses in 317 Rural Schools under PYKA Scheme.
4. Construction of Mini Stadium at Mandal level atleast in 10 Mandals with an estimated cost of Rs.2 Crs. each.

5. Construction of Cricket Stadium by ACA at Ampolu of Gara Mandal in 12 Acres land. Land transfer is in progress.
6. To establish Weight lifting and Boxing Academy with international standards in Srikakulam – Mrs. Karanam Malleswari is visiting on 23rd May 2015 to have discussions with District Administration. She conveyed that Mary Com is interested to establish Boxing Academy in Srikakulam District. An extent of 30.00 Acres Plot has been identified for the purpose.

Medical & Health:

1. Hon'ble CM has announced to sanction of Rs.20.00 Crs for completion of 6 Blocks in RIMS Hospital/Medical College, Srikakulam. Works are in progress.
2. Rs.10 Cr to RIMS for procurement of Machinery and Equipment for super specialty requirements.
3. Proposals for establishment of a New Headquarter Hospital at Tekkali is under submission.
4. Blood component unit is under establishment.

Culture and Heritage:

1. There is a proposal to establish an International standard Music and Dance college on the lines of Kala Kshetra / Nrutyagram at Srikakulam in a 13.00 Acres Plot adjacent to River Nagavali with Capital assistance from TTD.
2. To establish a District Museum in the existing heritage Dutch Structure in the IB Complex, adjacent to River Nagavali.
3. The Director, Archaeology and Museum has been addressed to return all Archaeological Monuments/Statues of Historical importance previously housed in Archaeology Museum, Hyderabad to be returned to Srikakulam for creation of the Museum.
4. The Government is being requested to establish a separate Asst. Commissioner of Archaeology and Museum in Srikakulam as this area with rich cultural heritage and over 150 Monumental / Historical and pre-Historical places.

Irrigation:

1. Thotapalli Project – Works are in brisk progress for providing Irrigation to 63000 Acres. of new Ayacut in the District and thus taking Command Area to 1,28,000 Acres.
2. Major repairs and revival of 16 Lift Irrigation Schemes by APSIDC with an estimated cost of Rs.7.50 Crs.
3. Bonthu Lift Irrigation scheme with an estimated cost of Rs.48.00 Lakhs.
4. Completion of Vamsadhara Phase-II with an estimated cost of Rs.998 Crs., and utilization of more than 30 TMCs of Vamsadhara water for drinking water purpose and development of 3.00 Lakh Acres new Ayacut under Command area.
5. Survey proposed for extension of Vamsadhara water to Palasa, Kancili, Kaviti areas by lift cum gravity mode using existing large tanks as balancing reservoirs.

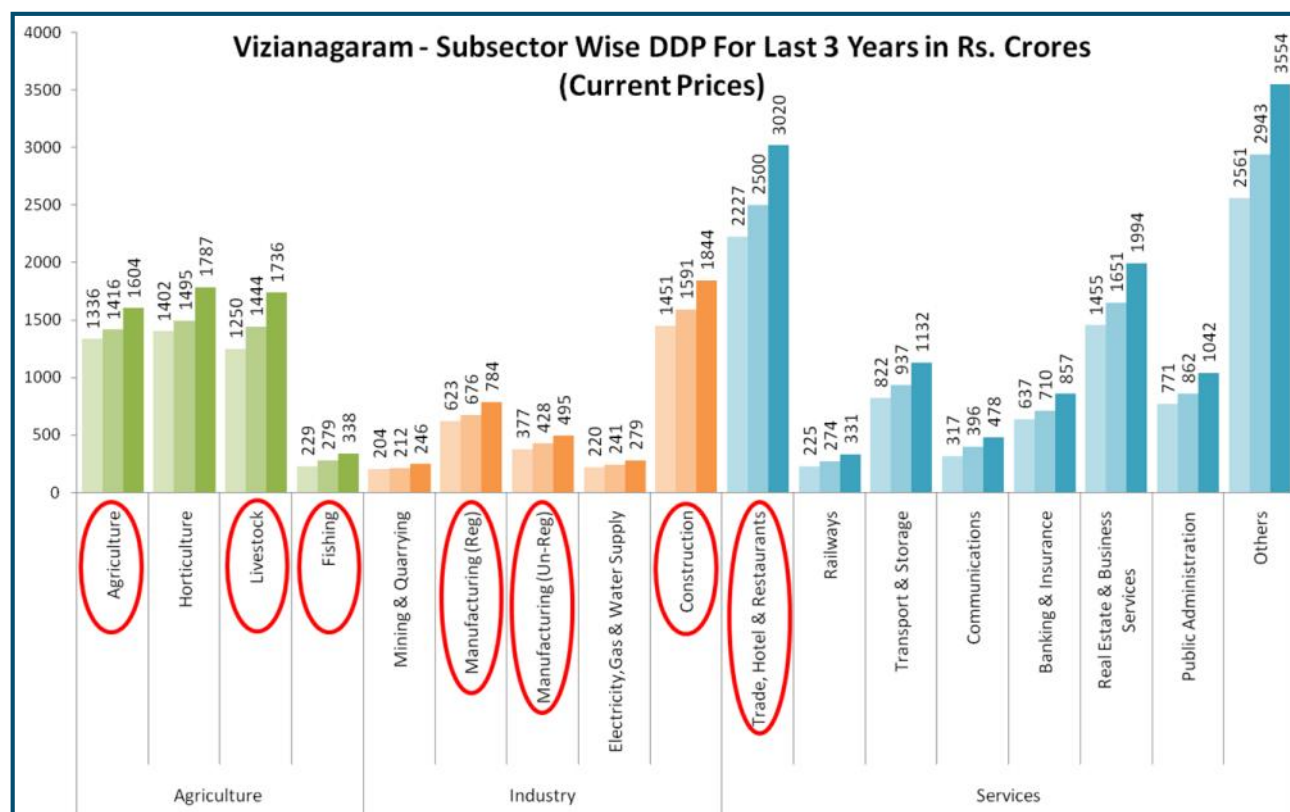
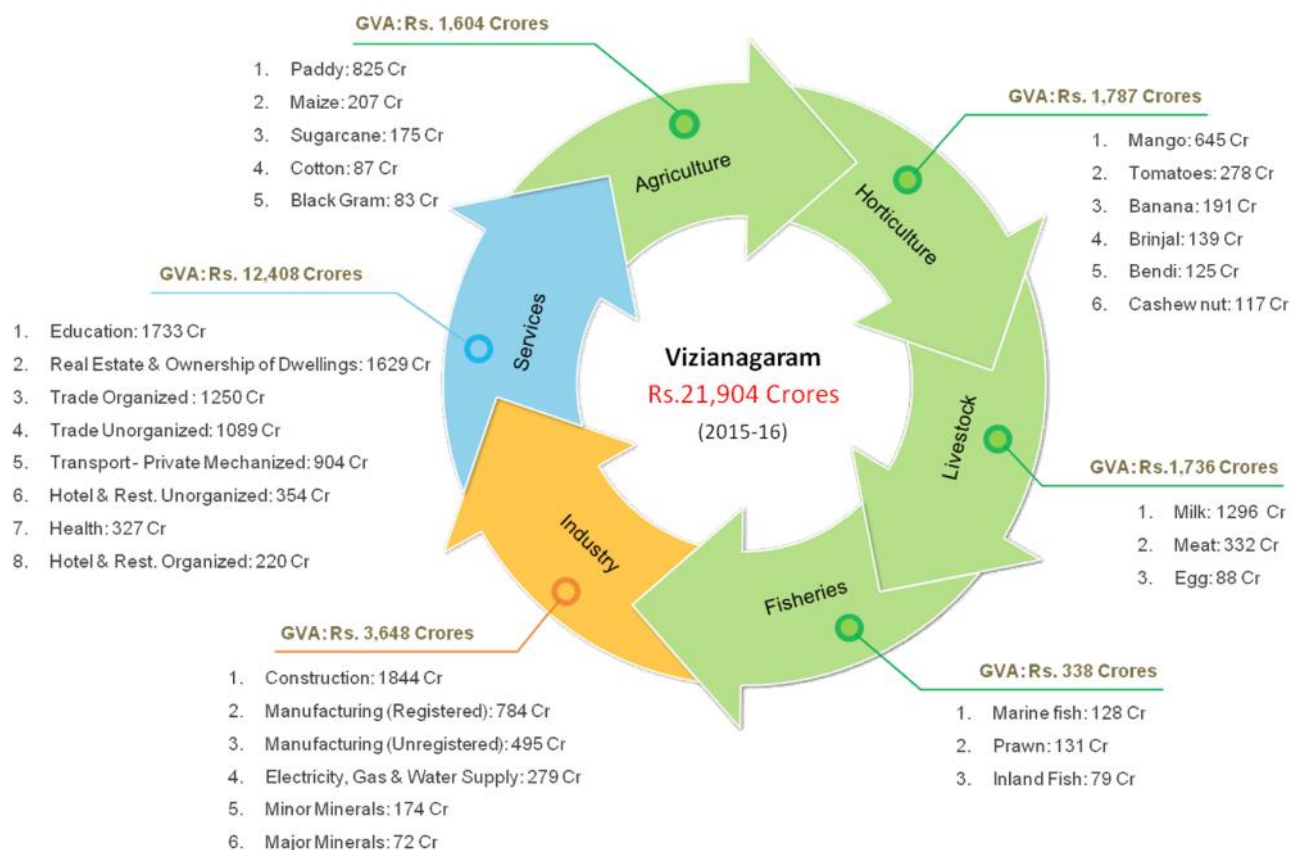
Energy:

1. Efforts are on to establish 10000 MW Nuclear Power Plant at Kovvada with an estimated cost of 10,000 Crs by NPCIL.
2. Sumitomo Corporation, Japan is interested to establish 4000 MW Super Thermal Plant at Polaki.
3. East Coast Power are in the final stage of commissioning of 4000 MW Thermal Power Plant at Kakrapalli – by virtue of above Three projects 18000 MW power will be generated only in Srikakulam after 5 years which is sufficient for the entire State.

Top Priority Projects under implementation

1. Kakinada-Srikakulam Natural Gas Pipeline Project
2. Srikakulam Super Critical Coal Based Thermal Power Project
3. Arasavilli Budget Hotel Project
4. Srikakulam Pharmaceutical S E Z Project
5. Srikakulam (Sankili) Distillery Expansion Plant
6. Bhavanapadu Phase II Power Project
7. Bhavanapadu Phase-I Power Project
8. Pydibheemavaram ESI Dispensary Project
9. Bhavanapadu Minor Port Project
10. Kalingapatnam Minor Port Project
11. New Bridge connecting Ponnada and Collector Bungalow across Nagavali River
12. Uttara Andhra SujalaSravanti Project
13. New Broad-gauge Railway line from Vizianagaram to Palasa via Rajam covering 142 Kms.
14. Icchapuram-Srikakulam-Vishakhapatnam-Ankapalli-Rajahmundry Six-Laning Highway Project.
15. Kovvada (Srikakulam) Nuclear Power Project
16. Sancham Ferro Alloy Manufacturing Plant Project
17. Rajam 132 KV Substation Project
18. Bhavanapadu Mineral Sand Project
19. Srikakulam Heavy Minerals Expansion Project
20. Derasam Formulations Plant Expansion Unit (Phase-II & Phase-III) Project
21. Srikakulam Chemicals and Pharmaceuticals (SEZ) Project

II. Vijayanagaram District-Sector Wise Growth Engines GVA_(RS.Cr.) Targets for 2015-16



a. Vizianagaram District Wise Growth Engines at Current Prices from 2014-15 & 2015-16 GVA(In Cr.)					
No.	Growth Engines	2014-15		2015-16	
		Production	GVA	Production	GVA
Agriculture (Production 'ooo tonnes)					
1	Paddy	491	738	549	825
2	Sugarcane	1014	162	1096	175
3	Maize	128	147	180	207
4	Cotton (kapas)	22	85	23	87
5	Groundnut	6	19	7	23
6	Blackgram	10	74	11	83
7	Greengram	7	40	8	45
8	Seasum	7	51	8	58
9	Mesta (18o kg bale)	28	10	32	11
10	Tobacco	1	11	1	13
	Remaining crops		79		77
	Total Agriculture		1416		1604
Horticulture(Production in tonnes)					
11	Mango	438186	539	490768	645
12	Tomato	181531	232	203315	278
13	Banana	131000	160	146720	191
14	Brinjal	79372	116	88897	139
15	Bendi	59729	104	66896	125
16	Cashewnut	11465	98	12841	117
17	Beans	11799	37	13215	45
18	Coconut	44000	34	49280	41
19	Papaya	34499	31	38639	37
20	Chillies	1000	13	1120	16
	Others		130		155
	Total Horticulture		1495		1787
c) Fishing (Production in Tonnes)					
21	Marine Fish (In tonnes)	16433	133	16320	128
22	Inland Fish (In Tonnes)	10441	64	12300	79
23	Prawn (In Tonnes)	2606	82	3260	131
	Total Fishing	29480	279	31880	338
d) Livestock					
24	Milk ('ooo MTs)	449	1026	494	1296
25	Meat('ooo MT)	23	292	26	332
26	Egg (Crore No.)	28	81	30	88
	Others		44		20
	Total Livestock		1444		1736
e) Others (Forestry & Logging)					
	Total Agriculture and Allied Sector		4961		5847
II) INDUSTRY SECTOR					
27	Construction		1591		1844
28	Manufacturing- (Regd)		676		784
29	Manufacturing- (Un-Regd)		428		495
30	Electricity		215		249
31	Minor Minerals		150		174
32	Major Minerals		62		72
	Others		26		30
	Industries Sector		3148		3648
III) SERVICES SECTOR					
33	Education		1435		1733
34	Ownership of Dwellings		1301		1571
35	Trade –Organised		1035		1250
36	Trade - Un-Organised		901		1089
37	Transport - Private Mechanised part		748		904
38	Hotels & Restaurants - Un-Org.		293		354
39	Health		270		327
40	Hotels & Restaurants –Organised		182		220
41	Real Estate		48		58
	Others		4059		4903
	Services Sector		10272		12408
Gross District Domestic Product			18382		21904

The 41 Growth Engines contribute 74.59% in the Total GDP of 2015-16:

b. Vizianagaram District - Prospective Economic Activities

Manufacture of grain mill products, starches & starch products (Rice, Dal & Flour mills) has provided the highest employment over other economic activities. Currently this sector is providing an employment to 2911 through 366 establishments. The rapid growth has been in Manufacture of non-metallic mineral products and Retail sale of other goods in a specialized store. Below are the district specific activities listed in sector wise.

1. Agriculture:

- More Area will be covered under irrigated Paddy, Sugar cane, Mize crops due to completion of Thotapalli Reservoirs will fetch an additional income of Rs. 279 crores. Budget requirement Rs.42.24 Crores

2. Horticulture:

- Supply of Quality plant material & Hybrid seeds, Drip irrigation, adopting techniques like IPM, INM, Rejuvenation of old gardens, inter crop practices in respect of Mango, Cashew, Banana, Papaya, and Vegetable crops will increase the yield rate and generate additional income of Rs. 135 crores. The requirement of budget (subsidy) is Rs. 10.52 crores to implement the programmes.

3. Livestock:

- Suphalam, Ksheerasagara, Sunandini Programmes and promoting fodder development for increasing milk production with an investment of Rs. 50crores will likely to generate additional income of Rs. 269.65 crores.
- Establishment of New Sheep and Goat units, broiler units, Rural Backyard poultry units under NLM, Periodical de-worming and vaccination to poultry, Sheep and Goat for increasing the meat Production with an additional investment of Rs.19 crores will generate additional income of Rs. 46.38 crores

4. Fisheries:

- Development of Fish Seed Banks by construction of ponds under 50 % subsidy scheme for rearing advanced Fingerlings, supply of supplementary feed under subsidy scheme for achieving increased Production, which required investment of Rs. 40 crores and likely to generate Rs.100 cr. additional income.

5. Industries:

- Bobbili Growth Centre will create employment of 4000 and creating additional income of Rs.254 crores by supplying un-interrupted power supply.
- Proposed to establish cashew processing industries with an investment of Rs.150 Crores and will create additional employment of 1500 and additional income of Rs. 100 crores.

Economic activity-wise working registered manufacturing units under 2m(i) and 2m(ii) sections of factories act and other manufacturing msme units under factories act, industries department and shops and commercial establishments act (labour department)

Name of the District : VIZIANAGARAM

Sl. No	Economic Activity	NIC code 3-digit	Workers size class								TOTAL	
			1-20		21-50		51-100		101 and above			
			No.of Ests	No.of workers	No.o fEsts	No.of workers	No.o fEsts	No.of workers	No.of Ests	No.of workers	No.of Ests	No.of workers
1	Processing and preserving of fruit and vegetables (Processing of Cashewnuts, Jams, Sauces, Pickles etc.,)	103	6	51	0	0	0	0	1	145	7	196
2	Manufacture of vegetable and animal oils and fats (Edible and non-edible oils)	104	15	62	0	0	0	0	0	0	15	62
3	Manufacture of Dairy products (Milk products)	105	7	51	1	22	0	0	0	0	8	73
4	Manufacture of grain mill products, starches & starch products (Rice, Dall & Flour mills etc.)	106	357	1295	7	242	0	0	2	1374	366	2911
5	Manufacture of other food products (Bakers, Sugar, Kandasari, Gur, Idoised Salt, Papads, and Noodles etc.,)	107	22	89	0	0	0	0	1	120	23	209
6	Manufacture of beverages (Mineral water, Ice, Softdrinks& liquors)	110	23	128	0	0	0	0	0	0	23	128
7	Manufacture of wearing apparel except wool apparel (Ready made garments)	141	50	174	0	0	0	0	0	0	50	174
8	Sawmilling and planing of wood (Saw Mills)	161	34	148	0	0	0	0	0	0	34	148
9	Manufacture of non metallic mineral products (Bricks, cement bricks, cement manufacturing and stone cutting and polishing etc.,)	239	71	494	3	98	0	0	2	1435	76	2027
10	Manufacture of structural metal products. (Iron doors, windows, shutters and other household metal equipments)	251	5	35	0	0	0	0	0	0	5	35
11	Maintenance and repair of motor vehicles (Motor vehicles repair shed)	452	93	378	1	50	1	70	0	0	95	498
12	Sale, maintenance and repair of motorcycles and	454	12	59	0	0	0	0	0	0	12	59

	related parts and accessories (Sale and maintenance/repair of two wheelers etc.,)											
13	Retail sale in non-specialized stores (Fancy stores and other general stores)	471	58	135	0	0	0	0	0	0	58	135
14	Retail sale of food,beverages and tobacco in specialized stores (Kirana, Fruits and Vegetables and Wine shops etc.,)	472	316	926	1	24	0	0	1	393	318	1343
15	Retail sale of other household equipment in specialized stores (Hardware, Furniture , Paints and Glass stores etc.,)	475	153	502	0	0	0	0	0	0	153	502
16	Retail sale of other goods in specialized stores (Cloth, Medical, Jewellery and Footwear shops etc.,)	477	420	1096	0	0	0	0	0	0	420	1096
17	Restaurants and mobile food services activities (Hotels and Restaurants)	561	73	286	0	0	0	0	0	0	73	286
18	Others (Not classified above)		993	4143	24	731	8	620	18	13203	1043	18697
TOTAL			2708	10052	37	1167	9	690	25	16670	2779	28579

Note:

1. Regd. manufacturing units under 2m(i) section of Factories Act are 10 or more workers with power and section 2m(ii) of Factories Act are 20 or more workers without power.
2. Under manufacturing sector, units of less than 10 workers with Power in Factories Act and other manufacturing units registered under Industries dept. and Labour dept.
3. MSME (Micro, Small and Medium Enterprises) Micro units defines that investment in Plant and Machinery not exceeding Rs. 25 lakhs, where as in Small it is more than Rs. 25 lakhs but not exceeding Rs. 5 crores, in Medium it is more than Rs. 5 Crores but not exceeding Rs. 10 Crores.

Additional Projects / Game changing initiatives

IT Clusters:

1. Land of 800 acres available (partly govt & D-patta) at Relli village,kothavalasa mandal
2. 300 acres of land at L kota mandal
3. 100 acres of D-patta land at S kota mandal
4. 300 Acres (D-Patta) of Land has been identified at L Kota for Electronic Manufacturing Park.

Food Processing Parks:

1. Food Processing Zone- 200 Acres land identified at Pedaraopalli, Chinnaraopalli, Kothavalsa Mandals (Employment Generation of 5000)
2. Cashew Processing park-200 Acres land identified at Marupalli, Gajapathinagaram Mandal (Employment generation-5000)
3. Agro Processing Zone- 300 Acres identified at Konada, Posapatirega Mandal (10,000 Employment generation)

Pharma sector:

1. 300 Acres (D-Patta Land) has been identified at Kandivalasa, Puspatirega Mandal for Pharma Hub.

Manufacturing sector:

1. Auto nagar- 100 Acres of Land identified at Kottaki Village of RambhadraPuram Mandal (Employment generation -5000 persons)
2. Expansion of Industrial Growth Centre in 1635 Acres in Bobbili (Employment-81750 persons)
3. Industrial City in 237 Acres in Nellimarla. Land identified at Tekkali, Thammapuram & Nellimarla (Employment- 11,850 persons)
4. Iron & Ferro Alloy Cluster- 400 Acres of Land has been identified at Kothavalsa & L Kota Mandals for development of Iron & (Ferro Alloy Industries. (Employment -6000 persons)

Special Interventions:

1. KOMARADA Power Plant
2. Greenfield International Airport
3. Naval Armament Depot
4. Herbal Tourism Park in 108 Acres in Gantiyada(Mandal)

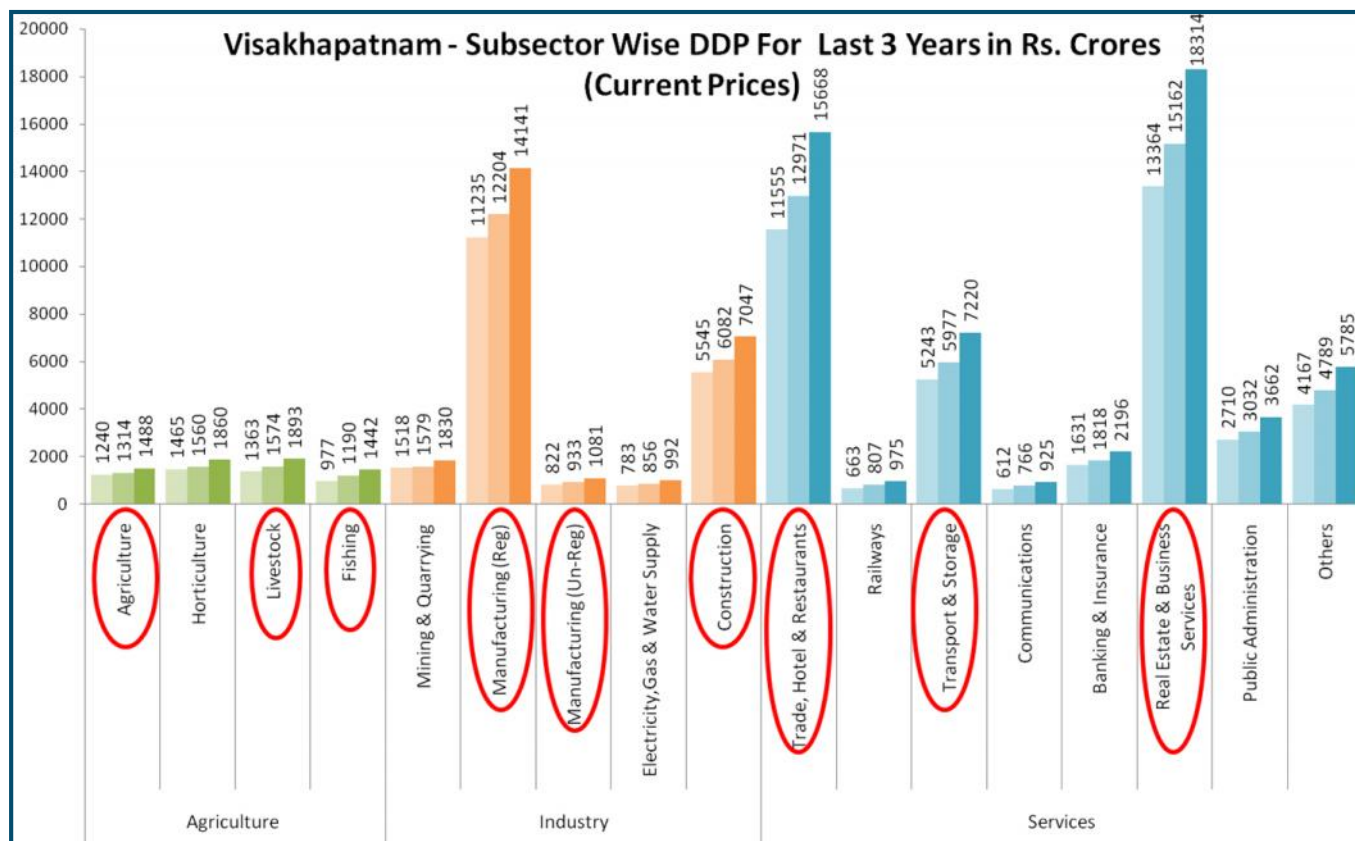
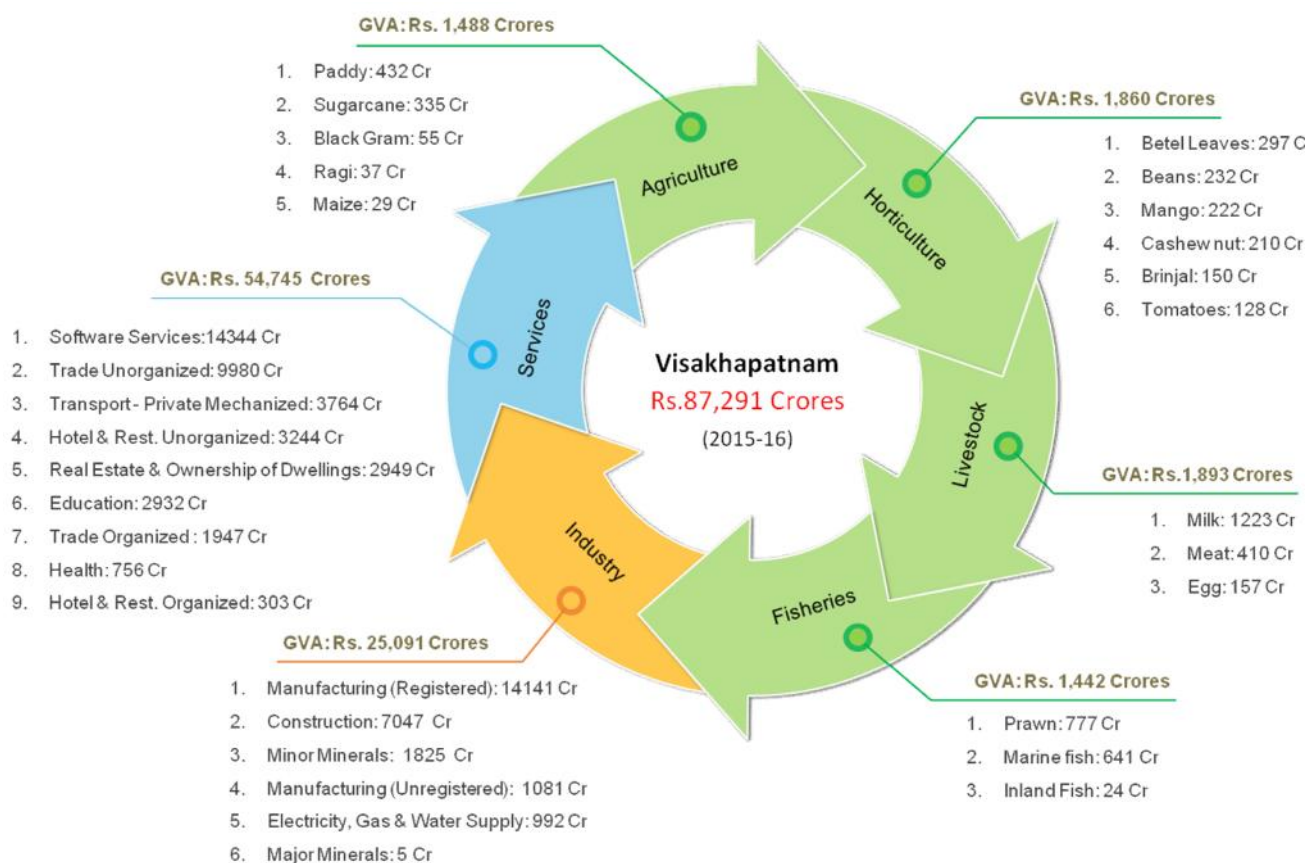
Tourism sector:

1. Tatipudi Tourism Development Project - Development of Cottages, Boating & Food Courts at Vizianagaram as average foot fall at the place is 100-200
2. Totapalli Tourism Development Project- A Favorable Eco Tourism Site, Potential for Boating as this lies at the cross roads for tourists coming from Orissa and Chhattisgarh.
3. Gurajada House renovation- Renovating the Gurajada House into Knowledge Museum.
4. Heritage Circuit- The Forts in Vizianagaram, Bobbili & Kurupam needs to be developed into a circuit.
5. Development of Peddacheruvu- Development of Peddacheruvu into clean and recreational park.

Education sector:

1. Veterinary College- 100-150 Acres of Land Has been Identified at Koduru Village of Garividi Mandal for setting up of Veterinary College
2. Horticulture College- 110 Acres of Land has been identified at Sunki & Ullibadra Villages of Garugubilli Mandal.
3. Fine Arts University- 100 Acres of Land has been identified in the Outskirts of Vizianagaram at Gajularega. University is proposed to Promote Music, Language - Sanskrit, Literature & Fine Arts.
4. Tribal University- 500 acres of Land has been identified at Relli Village of KothaValasa Mandal for the Establishment of Tribal University.

III. Visakhapatnam District-Sector Wise Growth Engines GVA (Rs.Cr.) Targets for 2015-16



a. VisakhapatnamDistrict Wise Growth Engines at Current Prices from 2014-15 & 2015-16 GVA(In Cr.)					
No.	Growth Engines	2014-15		2015-16	
		Production	GVA	Production	GVA
Agriculture (Production 'ooo tonnes)					
1	Sugarcane	1945	311	2103	335
2	paddy	257	386	287	432
3	Ragi	20	33	23	37
4	Blackgram	5	49	6	55
5	Maize	18	21	25	29
6	Cotton (kapas)	6	23	6	24
7	Greengram	3	16	3	18
8	Tobacco	0	0	0	0
9	Groundnut	2	6	2	8
	Remaining crops		469		550
	Total Agriculture		1314		1488
Horticulture(Production in tonnes)					
10	Betel Leaves (ooo's)	15425000	249	17276000	297
11	Beans	60545	195	67810	232
12	Mango	149650	186	167608	222
13	Cashewnut	19978	176	22375	210
14	Brinjal	84522	126	94665	150
15	Tomato	83494	108	93513	128
16	Bendi	56970	101	63806	121
17	coconut	97000	61	108640	72
18	Banana	54000	58	60480	69
19	Turmeric	8000	45	8960	53
20	papaya	30556	28	34223	34
21	Chillies	3000	22	3360	26
22	Coffee	745	16	834	20
	Others		189		225
	Total Horticulture		1560		1860
c) Fishing (Production in Tonnes)					
23	Marine Fish (In tonnes)	83607	611	90900	641
24	Inland Fish (In Tonnes)	9080	19	10150	24
25	Prawn (In Tonnes)	21577	560	28490	777
	Total Fishing	114264	1190	129540	1442
d) Livestock					
26	Milk ('ooo MTs)	518	1061	570	1223
27	Meat('ooo MT)	28	360	32	410
28	Egg (Crore No.)	78	146	84	157
	Others		7		102
	Total Livestock		1574		1893
e) Others (Forestry & Logging)			661		772
Total Agriculture and Allied Sector			6300		7455
II) INDUSTRY SECTOR					
29	Manufacturing- (Regd)		12204		14141
30	Construction		6082		7047
31	Minor Minerals		1575		1825
32	Manufacturing- (Un-Regd)		933		1081
33	Electricity		737		854
34	Major Minerals		4		5
	Others		119		138
	Industries Sector		21654		25091
III) SERVICES SECTOR					
35	Software Services		11875		14344
36	Trade - Un-Organised		8262		9980
37	Transport - Private Mechanised part		3116		3764
38	Hotels &Restaurants-Un-Organised		2686		3244
39	Education		2427		2932
40	Ownership of Dwellings		2182		2636
41	Trade -Organised		1612		1947
42	Health		626		756
43	Real Estate		259		313
44	Hotels & Restaurants -Organised		251		303
	Others		12025		14526
	Services Sector		45321		54745
Gross District Domestic Product			73275		87291

The 44 Growth Engines contribute 81.31% in the Total GDDP of 2015-16

b. Visakhapatnam District - Prospective Economic Activities

Processing and preserving of fruit and vegetables (processing of Cashew nuts etc.,) has provided the highest employment over other economic activities. Currently this sector is providing an employment to 4934 through 40 establishments. The rapid growth has been in Manufacture of food products, non-metallic mineral products, fabricated metal products and Retail sale food, Restaurants, beverages and tobacco in specialized stores. Below are the district specific activities listed in sector wise.

1. Agriculture:

- Impact on yield due to usage of micronutrients on Paddy and Sugarcane crops have enhancing additional income of Rs.6720 per Hect. , in Paddy and Rs.12, 509 per hect. in Sugarcane.

2. Horticulture:

- Coffee plantation area to be increased in Agency area 6000 acres for the coming year

3. Fisheries:

- Planned to breed 100 lakh major carp fish seed in 5060 Hects. in natural water bodies over a period of 5 years
- Promotion of deep sea fishing (200 boats for long line fishing) over a period of 5 years

4. Industries:

- Projects to be completed during the year is 746 with an investment of Rs. 8273 crores and employment generation of 9819 members.

5. IT:

- MEGA IT HUB on Rishikonda Hills 1, 2 and 3 ;
- Making the IT giants enter and operate from this part of the City will provide necessary global push.
- Proposed Signature IT Tower in the city
- New and vibrant IT policy to pursue the concept of Startup Village for IT.
- The HiTex Convention Hall planned at Madhurawada will provide the necessary push for conducting various fairs duly providing the required infrastructure.
- IT incubation centres by STPI and VUDA

6. Tourism:

- Proposed to established WORLD TELUGU CULTURAL & HERITAGE MUSEUM ON KAILASA HILL with a Project Cost of Rs.12.75 Crs in association with INCAP.
- Provision of Trans-view Bogies to Kirandol express under Araku Package tour with a Project Cost of Rs. 9.00 Crores.
- Cruise tourism from Vizag with an estimated cost of Rs.30.00Cr.
- Leisure Tourism - Developing Golf Courses, Zoo Promotion, Aquariums and underwater rides.
- Health Tourism - Establishing low cost health care in super specialty hospitals at Health City.
- Setting up of Ayurvedic Health Resorts in line with Kerala.

Economic activity-wise working registered manufacturing units under 2m(i) and 2m(ii) sections of factories act and other manufacturing msme units under factories act, industries department and shops and commercial establishments act (labour department)

Name of the District:VISAKHAPATNAM

Sl. No	Economic Activity	NIC code 3-digit	Workers size class								TOTAL	
			1-20		21-50		51-100		101 and above			
			No.ofEsts	No.of workers	No.ofEsts	No.of workers	No.ofEsts	No.of workers	No.ofEsts	No.of workers	No.ofEsts	No.of workers
1	Support activities to agri. and post harvest activities (Cotton ginning & Seed processing etc.,)	016	12	87	0	0	0	0	0	0	12	87
2	Processing and preserving of fruit and vegetables (Processing of Cashewnuts, Jams, Sauces, Pickles etc.,)	103	16	73	8	296	1	82	15	4483	40	4934
3	Manufacture of vegetable and animal oils and fats (Edible and non-edible oils	104	32	93	1	25	0	0	0	0	33	118
4	Manufacture of Dairy products (Milk products)	105	42	126	2	88	1	86	1	122	46	422
5	Manufacture of grain mill products, starches & starch products (Rice, Dall & Flour mills etc.)	106	185	511	2	50	0	0	0	0	187	561
6	Manufacture of other food products (Bakers, Sugar, Kandasari, Gur, Idoised Salt, Papads, and Noodles etc.,)	107	121	393	3	91	0	0	3	1365	127	1849
7	Manufacture of beverages (Mineral water, Ice, Softdrinks& liquors)	110	44	230	2	53	1	100	2	405	49	788
8	Manufacture of wearing apparel except wool apparel (Ready made garments)	141	229	587	1	45	3	189	1	123	234	944
9	Sawmilling and planing of wood (Saw Mills)	161	76	343	1	22	0	0	0	0	77	365
10	Printing & Service activities related to Printing (Printing Press)	181	139	466	0	0	0	0	0	0	139	466
11	Manufacture of non metallic mineral products (Bricks, cement bricks, cement manufacturing and stone cutting and polishing etc.,)	239	93	635	16	536	5	372	1	1200	115	2743

Achieving Double Digit Inclusive Growth – A Rolling Plan 2015-16

12	Manufacture of structural metal products. (Iron doors, windows, shutters and other household metal equipments)	251	236	1057	7	180	2	149	1	246	246	1632
13	Maintenance and repair of motor vehicles (Motor vehicles repair shed)	452	182	611	4	112	1	90	0	0	187	813
14	Sale, maintenance and repair of motorcycles and related parts and accessories (Sale and maintenance/repair of two wheelers etc.,)	454	181	610	0	0	0	0	0	0	181	610
15	Retail sale in non-specialized stores (Fancy stores and other general stores)	471	164	366	0	0	0	0	0	0	164	366
16	Retail sale of food, beverages and tobacco in specialized stores (Kirana, Fruits and Vegetables and Wine shops etc.,)	472	1028	2539	1	22	0	0	0	0	1029	2561
17	Retail sale of other household equipment in specialized stores (Hardware, Furniture, Paints and Glass stores etc.,)	475	1254	3812	4	127	1	60	1	174	1260	4173
18	Retail sale of other goods in specialized stores (Cloth, Medical, Jewellery and Footwear shops etc.,)	477	1913	4622	1	30	0	0	0	0	1914	4652
19	Restaurants and mobile food services activities (Hotels and Restaurants)	561	438	1406	0	0	1	60	0	0	439	1466
20	Others (Not classified above)		6362	22848	68	2072	32	2212	37	22433	6499	49565
TOTAL	Support activities to agri. and post harvest activities (Cotton ginning & Seed processing etc.,)		12747	41415	121	3749	48	3400	62	30551	12978	79115

Note:

1. Regd. manufacturing units under 2m(i) section of Factories Act are 10 or more workers with power and section 2m(ii) of Factories Act are 20 or more workers without power.
2. Under manufacturing sector, units of less than 10 workers with Power in Factories Act and other manufacturing units registered under Industries dept. and Labour dept.
3. MSME (Micro, Small and Medium Enterprises) Micro units defines that investment in Plant and Machinery not exceeding Rs. 25 lakhs, where as in Small it is more than Rs. 25 lakhs but not exceeding Rs. 5 crores, in Medium it is more than Rs. 5 Crores but not exceeding Rs. 10 Crores.

Additional Projects / Game changing initiatives

Construction and Real estate:

1. Housing and Real Estate Sector ranks 3rd among 14 major industries.
2. Growth of the Housing and Real Estate Sector will act as Catalyst to the overall Economic Growth and can lead to a Double Digit GDP Growth.

3. Housing Construction estimates which comprise the bulk of all real estate activity contribute directly to an Economy.
4. The Growth Target for 2015-16 in Construction Sector and Real Estate & Business Service Sector Combined is expected to the tune of Rs. 6000 crores in Total District Domestic Product.

Policy oriented growth:

A. Organized sector:

1. The incentives will be extended to the MSMEs and also the large scale and Mega units in the industrial development policy 2015-20 of the Govt. of A.P. The incentives will be covering the Sales tax, Power tariff, Interest reimbursement in addition to the investment subsidy as applicable.
2. Sector specific incentives for the sectors of Food processing, Bio-Technology, Textiles, Automobiles etc. are also being provided by the Govt. of A.P under the new Industrial Development Policy 2015-20.
3. Special incentives to the SC/ST /Women/BCs and for the Scheduled areas will be immensely boosting the investment in manufacturing sector under MSME.

B. Un-Organized Sector:

1. The Govt. of India has announced the formation of Micro Units Development Refinancing Agency (MUDRA) bank to meet the credit requirements of the micro units across India through the Micro Financing institutions. The corpus created is Rs 20,000 Cr.
2. The micro finance institutions therefore will be encouraged to extend liberal and enhanced finance to the micro units which are largely in the un-organized sector. These include food Products & Eateries, Leather products, Fabrication,
 - a. Rice & flour mills etc.

Path Ahead:

1. 10% - 15% growth over last year; lower end growth would be due to Hudhud cyclone effect which had badly hit the SEZs. This would imply Rs. 2300 crores.
2. PATH AHEAD : some broad suggestions are given herewith for pushing growth rate to +30% by March-2015-16 in these SEZs in terms of investments , exports and employment.

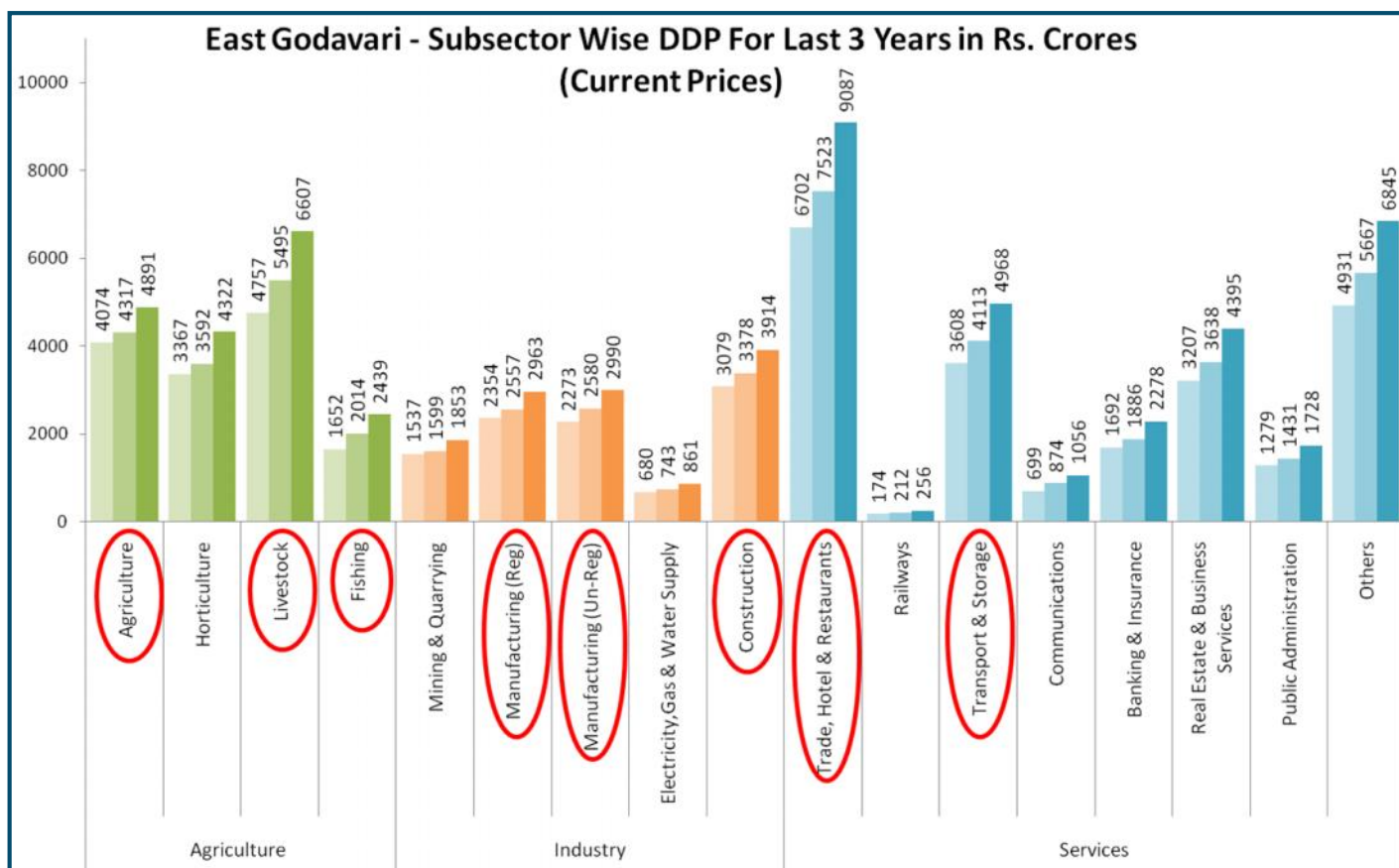
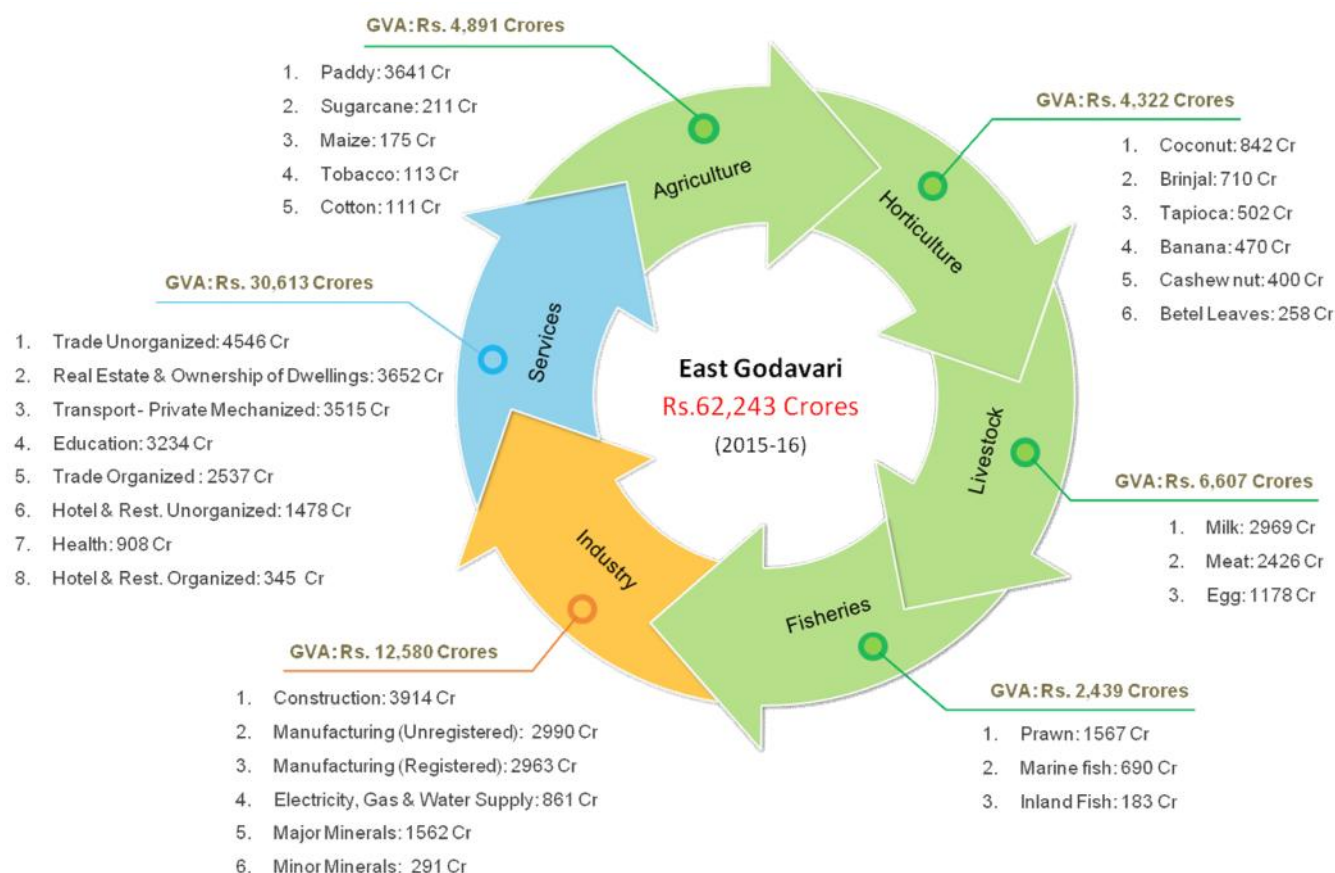
1. Policy Level:

- a. Enactment of APSEZ Act.
- b. Single window mechanism.
- c. Spelling out the state incentives for SEZ units in the state industrial policy will amplify the benefits and thereby attract investors.

Infrastructure :

- a. As regards Visakhapatnam advantage of ports can be multiplied by creation of logistics hubs, warehousing facilities, convention facilities etc.,
- b. More specifically APSEZ, Brandix and Pharma City region of Paravada – Atchuthapuram – Elamanchili belt can become the industrial hub by providing express roadway connectivity to both the ports

IV. East Godavari District-Sector Wise Growth Engines GVA (Rs.Cr.) Targets for 2015-16



a. East Godavari District Wise Growth Engines at Current Prices from 2014-15 & 2015-16 GVA (In Cr.)					
No.	Growth Engines	2014-15		2015-16	
		Production	GVA	Production	GVA
Agriculture (Production '000 tonnes)					
1	Paddy	2166	3256	2422	3641
2	Sugarcane	1225	196	1324	211
3	Tobacco	9	103	10	113
4	Maize	108	124	152	175
5	Cotton (kapas)	28	108	29	111
6	Greengram	5	35	6	40
7	Blackgram	6	27	7	31
	Remaining crops		468		569
	Total Agriculture		4317		4891
Horticulture(Production in tonnes)					
8	Coconut	680000	700	768400	842
9	Brinjal	326851	590	369342	710
10	Tapioca	193000	417	218090	502
11	Banana	255000	390	288150	470
12	Cashewnut	31758	333	35887	400
13	Betel Leaves (000's)	30000000	214	33900000	258
14	Tomato	76420	121	86355	145
15	Bendi	49494	107	55928	128
16	Mango	66675	100	75343	121
17	Crossandra	883	49	998	59
18	papaya	29570	33	33414	40
19	Jasmine	800	28	904	33
20	Beans	5190	20	5865	24
21	Cocoa	1278	20	1444	24
22	Chrysanthemum	4382	19	4952	23
23	Sapota	7623	16	8614	19
	Others		434		523
	Total Horticulture		3592		4322
c) Fishing (Production in Tonnes)					
24	Marine Fish (In tonnes)	84080	676	87500	690
25	Inland Fish (In Tonnes)	32175	152	35150	183
26	Prawn (In Tonnes)	40368	1186	55580	1567
	Total Fishing	156622	2014	178230	2439
d) Livestock					
27	Milk ('000 MTs)	860	2252	946	2969
28	Meat('000 MT)	164	2134	187	2426
29	Egg (Crore No.)	443	1094	401	1178
	Others		16		33
	Total Livestock		5495		6607
e) Others (Forestry & Logging)			676		790
Total Agriculture and Allied Sector			16094		19049
II) INDUSTRY SECTOR					
30	Construction		3378		3914
31	Manufacturing- (Regd)		2557		2963
32	Manufacturing- (Un-Regd)		2580		2990
33	Major Minerals		1348		1562
34	Electricity		663		768
35	Minor Minerals		251		291
	Others		80		93
	Industries Sector		10857		12580
III) SERVICES SECTOR					
36	Trade - Un-Organised		3763		4546
37	Transport - Private Mechanised part		2910		3515
38	Ownership of Dwellings		2865		3461
39	Education		2677		3234
40	Trade -Organised		2100		2537
41	Hotels & Restaurants -Un-Org.		1223		1478
42	Health		752		908
43	Hotels & Restaurants -Organised		286		345
44	Real Estate		158		191
	Others		8609		10399
	Services Sector		25343		30613
Gross District Domestic Product			52294		62243

The 44 Growth Engines contribute 80.07% in the Total GDP of 2015-16

b. East Godavari District - Prospective Economic Activities

Manufacture of beverages (Mineral water, Ice, Soft drinks & liquors) has provided the highest employment over other economic activities. Currently this sector is providing an employment to 6764 through 674 establishments. The rapid growth Manufacture of non-metallic mineral products, processing of fruits and vegetables, retail sale of other goods in specialized stores. Below are the district specific activities listed in sector wise.

1. Agriculture:

- An addition of Rs.800 crores GVA will be earned in 2015-16 by adopting the following in Agriculture sector.
- Release of water i.e., on 1st June through Godavari Barrage, for which (a) 3 consecutive crops will be grown in every year (b) Kharif Paddy will be protected from cyclones (c) Rabi paddy will be sown in time and (d) Area under Grams i.e., summary pulses will be substantially improved as 3rd crop.
- For enhancing the productivity, judicious use of Micronutrients and fertilizers, analyse soil health, usage of power tillers, direct sowing, drum seeding will be encouraged in Paddy and single bud-sets in Sugarcane.
- Minimizing production cost usage of green manure, granular urea coated with Neem and large scale farm mechanization will be encouraged.
- Minimizing Harvesting losses by supplying harvesters and driers

2. Horticulture:

- 17% more growth will be achieved in 2015-16 by adopting the following in Horticulture sector
- Promotion of Tissue Culture plants under Banana yields increase from 30 Mts to 75 Mts. per Hectare
- By adopting INM i.e., using balanced Fertilizers, applying Fertilizers as per leaf and soil analysis.
- Flower cultivation can be improved by adopting Poly houses and Shade net houses and Promote Oil palm Area Expansion

3. Fisheries:

- Diversification of Fishing for untapped Tuna Fishing by long line fishing yields 36,000 Metric tonnes production and 360.00 crores GVA
- Motorization of traditional crafts with an amount of Rs.180.00 lakhs improves the 9450 Metric tonnes production with an addition of GVA of Rs.47.00 crores
- Mechanization in Aqua culture by supplying Aerators, Solar pumps to SF/MF farmers

4. Industries& Tourism:

- An addition of Rs.100 crores will be achieved under Tourism Sector by developing Annavaram to Antarvedi circuit Tourism packages, Development of Beaches along the Coastal line.
- 15% more growth can be achieved by encouraging Agro-based and Food processing industries by developing industrial corridor between Kakinada and Rajahmundry.
- Establishment of LNG terminal project as a Joint venture between GAIL India and APGIC, KSPL with an investment of Rs.5,000/- crores, which provides employment for more than 1000 people and saved \$ 3-4 MBTU
- Establishment of Hardware work at Kakinada (proposed in the Central Budget) which provides direct and indirect employment for thousands of skilled persons.

Economic activity-wise working registered manufacturing units under 2m(i) and 2m(ii) sections of factories act and other manufacturing msme units under factories act, industries department and shops and commercial establishments act (labour department)

Name of the District : East Godavari

Sl. No	Economic Activity	3- digit NIC code	Workers size class								TOTAL	
			1-20		21-50		51-100		101 and above			
			No.ofEsts	No.ofworkers	No.ofEsts	No.ofworkers	No.ofEsts	No.ofworkers	No.ofEsts	No.ofworkers	No.ofEsts	No.ofworkers
1	Support activities to agrl. and post harvest activities (Cotton ginning & Seed processing etc.,)	016	2	17	0	0	0	0	0	0	2	17
2	Processing and preserving of fruit and vegetables (Processing of Cashewnuts, Jams, Sauces, Pickles etc.,)	103	271	1321	6	188	4	303	11	3757	292	5569
3	Manufacture of vegetable and animal oils and fats (Edible and non-edible oils	104	64	218	2	70	5	330	2	925	73	1543
4	Manufacture of Dairy products (Milk products)	105	42	195	1	50	0	0	0	0	43	245
5	Manufacture of grain mill products, starches & starch products (Rice, Dall & Flour mills etc.)	106	619	3902	45	1508	7	427	3	927	674	6764
6	Manufacture of other food products (Bakers, Sugar, Kandasari, Gur, Idoised Salt, Papads, and Noodles etc.,)	107	102	454	2	55	2	157	3	1074	109	1740
7	Manufacture of beverages (Mineral water, Ice, Softdrinks& liquors)	110	115	587	3	79	1	60	2	512	121	1238
8	Manufacture of wearing apparel except wool apparel (Ready made garments)	141	114	311	1	40	0	0	0	0	115	351
9	Sawmilling and planing of wood (Saw Mills)	161	86	386	0	0	0	0	0	0	86	386

10	Printing & Service activities related to Printing (Printing Press)	181	235	738	0	0	0	0	0	0	235	738
11	Manufacture of non metallic mineral products (Bricks, cement bricks, cement manufacturing and stone cutting and polishing etc.,)	239	381	2661	10	265	1	72	1	1498	393	4496
12	Manufacture of structural metal products. (Iron doors, windows, shutters and other household metal equipments)	251	187	800	8	272	1	84	1	400	197	1556
13	Maintenance and repair of motor vehicles (Motor vehicles repair shed)	452	125	510	7	272	1	67	0	0	133	849
14	Sale, maintenance and repair of motorcycles and related parts and accessories (Sale and maintenance/repair of two wheelers etc.,)	454	112	453	2	82	0	0	1	200	115	735
15	Retail sale in non-spezilized stores (Fancy stores and other general stores)	471	577	1433	2	50	0	0	0	0	579	1483
16	Retail sale of food,beverages and tobacco in specialized stores (Kirana, Fruits and Vegetables and Wine shops etc.,)	472	434	1331	3	135	0	0	0	0	437	1466
17	Retail sale of other household equipment in specialized stores (Hardware, Furniture , Paints and Glass stores etc.,)	475	801	2360	3	85	0	0	1	150	805	2595
18	Retail sale of other goods in spezilized stores (Cloth, Medical, Jewellery and Footwear shops etc.,)	477	1568	4203	2	75	0	0	0	0	1570	4278
19	Restaurants and mobile food services activities (Hotels and Restaurents)	561	268	1453	5	187	0	0	0	0	273	1640
20	Others (Not classified above)		3497	15963	83	2736	18	1239	27	8496	3625	28434
TOTAL			9600	39296	185	6149	40	2739	52	17939	9877	66123

1. Regd. manufacturing units under 2m(i) section of Factories Act are 10 or more workers with power and section 2m(ii) of Factories Act are 20 or more workers without power.

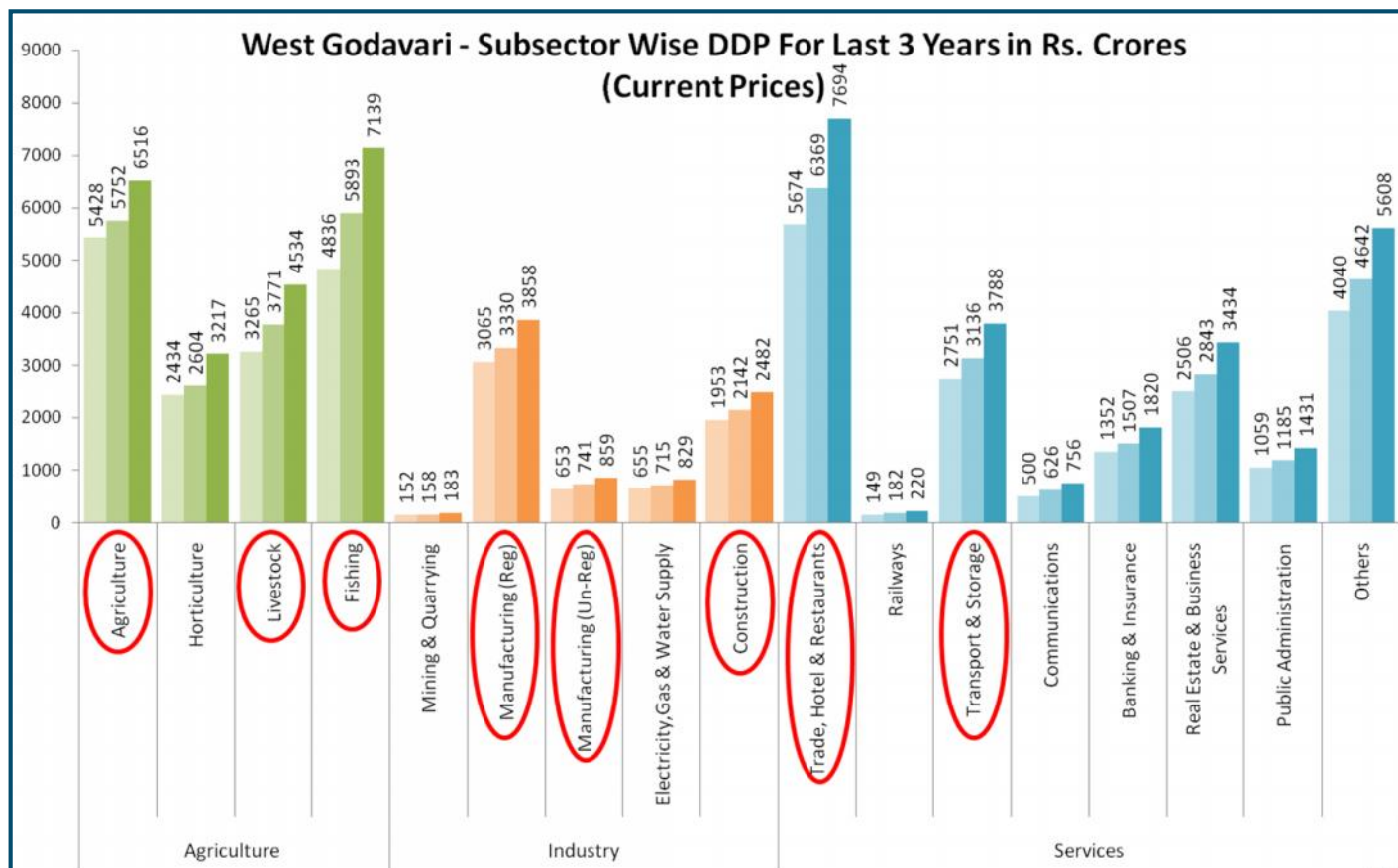
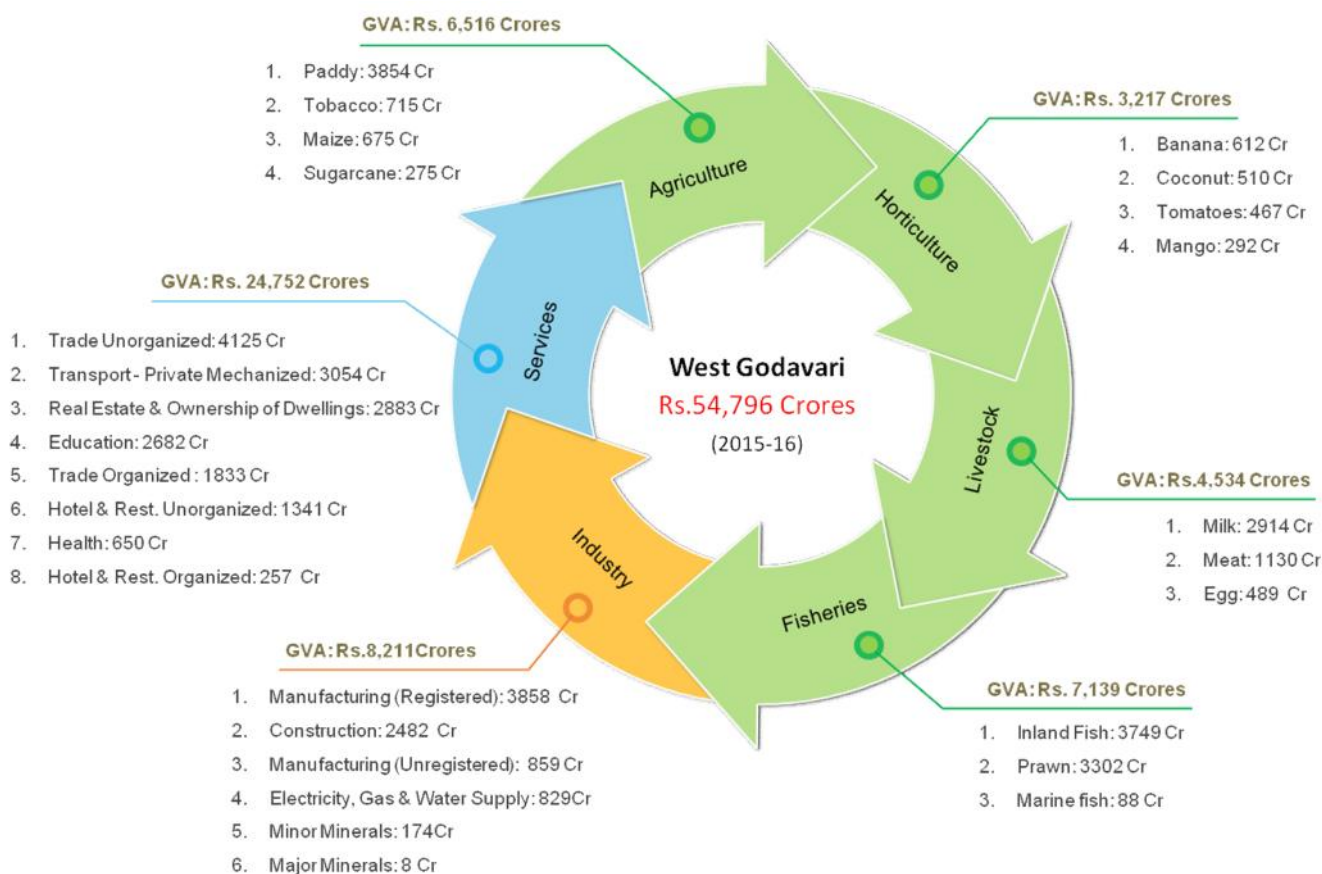
2. Under manufacturing sector, units of less than 10 workers with Power in Facatories Act and other manufacturing units registered under Industries dept. and Labour dept.

3. MSME (Micro, Small and Medium Enterprises) Micro units defines that investment in Plant and Machinery not exceeding Rs. 25 lakhs, where as in Small it is more than Rs. 25 lakhs but not exceeding Rs. 5 crores, in Medium it is more than Rs. 5 Crores but not exceeding Rs. 10 Crores.

Industries sector:

1. Encouraging Agro-based and food processing industries by developing industrial corridor between Kakinada and Rajahmundry.
2. Biotechnology Industries with Rs.1295 Crs. investment proposed in Biotechnology Park to provide 1200 Nos employment.
3. Encourage Ceramic Refractory Cluster Industries at Rajahmundry as China clay abundantly available around Rajahmundry.
4. Scope for product diversification i.e. Sago Distillation in Sago industry concentrated at Samalkota and Peddapuram. Due to modernization the capacity of the units increased 3 to 4 times and yield increases about 20%.
5. Promote 5 Coir Clusters by establishing CFCs to dispose coir pith as bio fertilizer, coir pith blocks etc., By introducing modern machinery in the industry yield goo quality long fiber and 100% increase of husk for coconut.
6. Promote Corrugated boxes and Craft Paper manufacturing industries as the Edible oil manufacturers in the district are major consumers for those products.
7. Credit Plan prepared for MSME sector with an amount of Rs.3,136Crs. to assist 37,636 units during 2015-16.
8. PCPIR – Kakinada is at the southern end of AP PCPIR co-promoted and developed by GOI and Govt. of A.P. This will lead to significant investment in the area in Petrol refining, Petro Chemicals, Gas cracking and down stream units in chemicals, fertilizers and polymers etc.,
9. Kakinada SEZ with a dedicated port in a notified area of 20 KM positioned towards integrated food and agro processing enclave along with a refinery and petro chemical complex.
10. At full operationalization of the Port will totally possess 15 berths with handling capacity of coal, container and general cargo, LNG, crude oil, Palm oil etc.,
11. The IT SEZ was developed at Sarpavaram, Kakinada Rural in an extent of Ac.25.73. M/s Infotech has started its activities with creation of employment to 1234 persons. 9 plots with an extent of Ac.10.45 are vacant to allot the needy entrepreneurs in the IT/ITES services

V. West Godavari District-Sector Wise Growth Engines GVA (RS.Cr.) Targets for 2015-16



a. West Godavari District Wise Growth Engines at Current Prices from 2014-15 & 2015-16 GVA (In Cr.)					
No.	Growth Engines	2014-15		2015-16	
		Production	GVA	Production	GVA
Agriculture (Production 'ooo tonnes)					
1	Paddy	2296	3452	2567	3854
2	Sugarcane	1593	255	1723	275
3	Tobacco	57	654	62	715
4	Maize	417	480	586	675
5	Blackgram	9	63	10	71
6	Groundnut	5	16	6	19
7	Cotton (kapas)	7	27	7	28
8	Greengram	7	43	8	49
	Remaining crops		762		830
	Total Agriculture		5752		6516
Horticulture(Production in tonnes)					
9	Banana	287000	495	335790	612
10	Coconut	462000	413	540540	510
11	Tomato	253032	378	296047	467
12	Mango	164964	236	193008	292
13	Brinjal	91446	156	106992	193
14	Betel Leaves (ooo's)	6342000	119	7420140	147
15	Cashewnut	11013	93	12885	115
16	Bendi	41179	85	48179	104
17	Cucumber	49240	75	57611	93
18	Jasmine	2225	73	2603	90
19	Cocoa	4605	68	5388	85
20	Cabbage	17552	35	20536	44
21	Beans	6742	25	7888	30
22	Sapota	12369	25	14472	30
23	Chrysanthemum	4945	18	5786	22
24	Chillies	4000	20	4680	25
	Others		289		358
	Total Horticulture		2604		3217
c) Fishing (Production in Tonnes)					
25	Marine Fish (In tonnes)	10541	101	9730	88
26	Inland Fish (In Tonnes)	531696	3549	586000	3749
27	Prawn (In Tonnes)	53089	2244	84560	3302
	Total Fishing	595327	5893	680290	7139
d) Livestock					
28	Milk ('ooo MTs)	863	2308	950	2914
29	Meat('ooo MT)	76	993	87	1130
30	Egg (Crore No.)	189	454	226	489
	Others		16		1
	Total Livestock		3771		4534
e) Others (Forestry & Logging)			366		427
Total Agriculture and Allied Sector			18386		21833
II) INDUSTRY SECTOR					
31	Manufacturing- (Regd)		3330		3858
32	Construction		2142		2482
33	Manufacturing- (Un-Regd)		741		859
34	Electricity		670		776
35	Minor Minerals		151		174
36	Major Minerals		7		8
	Others		46		53
	Industries Sector		7086		8211
III) SERVICES SECTOR					
37	Trade - Un-Organised		3415		4125
38	Transport - Private Mechanised part		2529		3054
39	Ownership of Dwellings		2288		2763
40	Education		2220		2682
41	Trade -Organised		1517		1833
42	Hotels & Restaurants -Un-Org.		1110		1341
43	Health		538		650
44	Hotels & Restaurants -Organised		213		257
45	Real Estate		100		120
	Others		6561		7926
	Services Sector		20491		24752
Gross District Domestic Product			45963		54796

The 45 Growth Engines contribute 82.49% in the Total GDDP of 2015-16

b. West Godavari District - Prospective Economic Activities

Manufacture of beverages (Mineral water, Ice, Soft drinks & liquors) has provided the highest employment over other economic activities. Currently this sector is providing an employment to 7233 through 616 establishments. The rapid growth has been in Manufacture of non-metallic mineral products, retail sale of other goods in specialized stores and other household equipment in specialized stores (hardware, furniture, paints, and glass stores etc.). Below are the district specific activities listed in sector wise.

1. Agriculture:

- Establishment of 40 service centres covering 40 Mandals, each per one Mandal for repairing Agricultural Implements and machinery, Investment is required Rs.2.00 crores (40 X 5 Laksh) and Employment Generation is 24000 Man-days covering 100 Members and deriving income Rs.2.90 crores.
- Establishment of Large vermi compost for recycling natural and Agricultural waste, proposed in the major 200 Villages, investment is required 2.00 crores and Employment Generation is 1.00 Lakh Man-days benefiting to 400 Members and deriving income Rs.3.80 crores.

2. Horticulture:

- Proposed Plantation Crops Hub for Oil Palm, Cocoa & Coconut based Industries. An amount of Rs. 16.52 crores investment to be required for creating 6.00 lakh man-days in an extent of 13200 hec.

3. Livestock:

- Establishment of Modern Dairy farm with an amount of Rs. 5.00 crores additionally required for creating additional income of Rs.7.50 crores.
- Introduction of NAVYA SUWARNA sheep program with an investment of Rs.2.00 crores for getting Rs.3.80 crores of additional income.

4. Fisheries:

- Creation of Cold Storage facility with an additional investment of Rs. 130.00 crores for creating additional employment of 2189.
- Fishing Landing center (Mini fishing harbor): Construction of fishing landing center (Mini fishing harbor) at Biyyaputhippa in Narsapuram Mandal with an investment of Rs.16.00 Crores benefitting direct Employment to 200 Fishermen Families

5. Mining & Quarrying:

- Establishment of additional quarries, Stone crushing and clay pulverizing units with an additional investment of Rs. 185.00 crores, additional employment of 1000 for deriving Income of Rs. 170.00 Crores.

6. Industries:

- Proposed Gas based power plant at Annadevarapeta (V) in Thallapudi (M) with an investment of Rs. 634.00 crores for deriving Rs. 3297.00 crores additional income and employment of 2600.
- Proposed Acqua feed manufacturing units at Kalla, Ganapavaram and Pedapadu villages with an investment of Rs. 131.00 crores for deriving additional income of Rs. 4200.00 crores and additional employment of 1750.
- Proposed 121 units of MSME with an investment of Rs. 198.00 crores for deriving Rs. 240.00 crores additional income and employment of 587.
- Proposed Ceramic tiles manufacturing unit at DwarakaThirumala with an additional investment of Rs. 40.00 crores for deriving Rs. 36.00 crores additional income and employment of 400.

7. Tourism:

- Development of GuntupalliBuddist caves.
- Development of Godavari River Cruis, Temple Circuit, Kolleru Circuit will boost the tourism in a large way creating employment to 20,000 people and generates additional income.

Economic activity-wise working registered manufacturing units under 2m(i) and 2m(ii) sections of factories act and other manufacturing msme units under factories act, industries department and shops and commercial establishments act (labour department)

Name of the District : West Godavari

Sl. No	Economic Activity	3- NIC code digit	Workers size class								TOTAL	
			1-20		21-50		51-100		101 and above			
			No.of Ests	No.of worker s	No.o fEsts	No.of worker s	No.o fEsts	No.of worker s	No.o fEsts	No.of worker s	No.ofE sts	No.of worke rs
1	Support activities to agrl. and post harvest activities (Cotton ginning & Seed processing etc.,)	016	17	137	1	25	2	151	0	0	20	313
2	Processing and preserving of fruit and vegetables (Processing of Cashewnuts, Jams, Sauces, Pickles etc.,)	103	17	129	4	130	1	70	3	435	25	764
3	Manufacture of vegetable and animal oils and fats (Edible and non-edible oils	104	78	211	4	141	2	148	3	415	87	915
4	Manufacture of Dairy products (Milk products)	105	10	36	2	72	0	0	1	228	13	336
5	Manufacture of grain mill products, starches & starch products (Rice, Dall & Flour mills etc.)	106	564	3409	43	1277	8	542	1	2005	616	7233
6	Manufacture of other food products (Bakers, Sugar, Kandasari, Gur, Idoised Salt, Papads, and Noodles etc.,)	107	48	179	4	97	0	0	5	1239	57	1515
7	Manufacture of beverages (Mineral water, Ice, Softdrinks& liquors)	110	137	640	0	0	2	152	1	144	140	936
8	Manufacture of wearing apparel except wool apparel (Ready made garments)	141	125	323	0	0	0	0	0	0	125	323
9	Sawmilling and planing of wood (Saw Mills)	161	99	364	0	0	1	52	0	0	100	416
10	Printing & Service activities related to Printing (Printing Press)	181	130	366	0	0	1	87	1	160	132	613

11	Manufacture of non metallic mineral products (Bricks, cement bricks, cement manufacturing and stone cutting and polishing etc.,)	239	249	1344	4	132	1	84	1	867	255	2427
12	Manufacture of structural metal products. (Iron doors, windows, shutters and other household metal equipments)	251	109	341	0	0	1	51	0	0	110	392
13	Maintenance and repair of motor vehicles (Motor vehicles repair shed)	452	88	296	1	50	0	0	3	756	92	1102
14	Sale, maintenance and repair of motorcycles and related parts and accessories (Sale and maintenance/repair of two wheelers etc.,)	454	72	239	2	58	0	0	0	0	74	297
15	Retail sale in non-spezilized stores (Fancy stores and other general stores)	471	421	1096	2	90	0	0	1	113	424	1299
16	Retail sale of food,beverages and tobacco in specialized stores (Kirana, Fruits and Vegetables and Wine shops etc.,)	472	623	1708	4	125	0	0	1	206	628	2039
17	Retail sale of other household equipment in specialized stores (Hardware, Furniture , Paints and Glass stores etc.,)	475	644	1811	4	172	0	0	0	0	648	1983
18	Retail sale of other goods in spezilized stores (Cloth, Medical, Jewellery and Footwear shops etc.,)	477	1412	3769	6	176	2	124	1	1471	1421	5540
19	Restaurants and mobile food services activities (Hotels and Restaurents)	561	206	987	5	178	0	0	0	0	211	1165
20	Others (Not classified above)		2118	9109	69	2352	27	2020	48	24895	2262	38376
TOTAL			7167	26494	155	5075	48	3481	70	32934	7440	67984

Note:

1. Regd. manufacturing units under 2m(i) section of Factories Act are 10 or more workers with power and section 2m(ii) of Factories Act are 20 or more workers without power.
2. Under manufacturing sector, units of less than 10 workers with Power in Facatories Act and other manufacturing units registered under Industries dept. and Labour dept.
3. MSME (Micro, Small and Medium Enterprises) Micro units defines that investment in Plant and Machinery not exceeding Rs. 25 lakhs, where as in Small it is more than Rs. 25 lakhs but not exceeding Rs. 5 crores, in Medium it is more than Rs. 5 Crores but not exceeding Rs. 10 Crores.

a. Krishna District Wise Growth Engines at Current Prices from 2014-15 & 2015-16 GVA (In Cr.)					
No.	Growth Engines	2014-15		2015-16	
		Production	GVA	Production	GVA
Agriculture (Production 'ooo tonnes)					
1	Paddy	1489	2239	1665	2503
2	Cotton kapas	81	313	83	322
3	Blackgram	114	655	128	736
4	Sugarcane	1605	256	1735	277
5	Maize	163	188	229	264
6	Tobacco	9	103	10	113
7	Greengram	15	84	17	95
8	Groundnut	3	9	4	12
	Remaining crops		878		1032
	Total Agriculture		4725		5354
Horticulture(Production in tonnes)					
9	Mango	550276	716	638320	877
10	Tomato	308381	417	357722	511
11	Chillies	38000	376	44080	461
12	Turmeric	21000	134	24360	164
13	Brinjal	84916	131	98503	161
14	Banana	86000	99	99760	122
15	Bendi	53612	99	62190	122
16	Betel Leaves (ooo's)	6000000	77	6960000	94
17	Guava	27273	53	31636	65
18	Jasmine	1410	42	1636	51
19	Cucumber	28705	40	33297	48
20	Coconut	31000	29	35960	35
21	Beans	7186	25	8336	30
22	Sapota	9807	17	11376	21
23	Papaya	13800	13	16008	16
	Others		254		311
	Total Horticulture		2522		3089
c) Fishing (Production in Tonnes)					
24	Marine Fish (In tonnes)	27043	267	27740	269
25	Inland Fish (In Tonnes)	548876	3716	577310	3983
26	Prawn (In Tonnes)	55146	1866	85515	2834
	Total Fishing	631066	5848	690565	7085
d) Livestock					
27	Milk ('ooo MTs)	1062	2969	1200	3649
28	Meat('ooo MT)	77	995	87	1132
29	Egg (Crore No.)	155	385	187	415
	Others		20		58
	Total Livestock		4369		5253
e) Others (Forestry & Logging)					
			315		368
Total Agriculture and Allied Sector			17780		21149
II) INDUSTRY SECTOR					
30	Construction		4247		4921
31	Manufacturing- (Regd)		1664		1928
32	Electricity		1279		1482
33	Manufacturing- (Un-Regd)		1274		1476
34	Minor Minerals		311		361
35	Major Minerals		107		124
	Others		85		98
	Industries Sector		8967		10390
III) SERVICES SECTOR					
36	Software Services		9162		11067
37	Transport - Private Mechanised part		4034		4873
38	Education		2835		3424
39	Trade - Un-Organised		2716		3281
40	Ownership of Dwellings		2542		3071
41	Trade -Organised		2285		2761
42	Hotels & Restaurants -Un-Organised		883		1066
43	Health		687		830
44	Hotels & Restaurants -Organised		317		383
45	Real Estate		270		326
	Others		10248		12379
	Services Sector		35979		43460
Gross District Domestic Product			62725		75000

The 45 Growth Engines contribute 81.00% in the Total GDDP of 2015-16

b. Krishna District - Prospective Economic Activities

Sale, maintenance and repair of motorcycles and related parts and accessories (sales and maintenance/repair of two wheelers etc.,) has provided the highest employment over other economic activities. Currently this sector is providing an employment to 3496 through 117 establishments. The rapid growth has been in retail sale in non – specialized stores, restaurants and mobile food services activities (Hotels and Restaurants). Below are the district specific activities listed in sector wise.

1. Agriculture:

- An addition of Rs.800 Crores GVA will be earned in 2015-16
- Increasing the Paddy area by creating irrigation facilities
- Increasing productivity by application of Micronutrients
- Soil Test based balanced fertilisers application

2. Horticulture:

- It is targeted to generate an additional income of Rs 184 crore in 2015-16
- Promotion of shade net Nurseries.
- Promotion of Green House /Poly House cultivation of High Value Vegetables.
- Usage of Plastic Crates for handling and transport of Fruits & Vegetables

3. Livestock:

- An additional income of Rs. 850 crores will be generated from the enhanced production of milk , Meat, Eggs . Improving fertility status &reducing inter calving period.

4. Fisheries:

- Aquaculture & Processing Units: An additional income of Rs. 1,600 crores will be generated in 2015-16.

5. IT:

- An income of Rs.3075 Crores GVA will be earned in 2015-16

6. Tourism:

- Tourism circuit covering historical important temples and places such as Kuchipudi, Movva, Srikakulam, Ghantasala, Mopidevi, Pedakallepalli, Avanigadda and Hamsaladeevi. Tourism circuit covering Manginapudi beach, PedanaKalankari&Kolleru Lake
- Tourism circuit covering from Vijayawada Kanaka Durga temple to KondapalliQuilla, KondapalliBommalu colony, Veadri and Bhavani Island.

7. Industries:

- An additional increase of Rs.1000 Crores will be generated.
- Construction building materials units like AAC, Fly ash bricks Ferro cement windows, doors, panel doors, Gypsum boards, Aluminum profiles, steel profiles, pavement blocks, HDPE, LDPE, PVC pipes, wall tiles, floor tiles etc.
- Cluster for development of Handloom and Kanlamkari units at Pedana, Agricultural implements manufacturing at Gudivada, Printing hub at Vijayawada can be established.

Economic activity-wise working registered manufacturing units under 2m(i) and 2m(ii) sections of factories act and other manufacturing msme units under factories act, industries department and shops and commercial establishments act (labour department)

Name of the District : KRISHNA

Sl. No	Economic Activity	3- NIC code digit	Workers size class								TOTAL	
			1-20		21-50		51-100		101 and above			
			No.ofE sts	No.of worker s	No.o fEsts	No.of worker s	No.o fEsts	No.of worker s	No.o fEsts	No.of worker s	No.ofE sts	No.of worke rs
1	Support activities to agrl. and post harvest activities (Cotton ginning & Seed processing etc.,)	016	3	11	0	0	0	0	0	0	3	11
2	Processing and preserving of fruit and vegetables (Processing of Cashewnuts, Jams, Sauces, Pickles etc.,)	103	11	83	0	0	1	100	1	798	13	981
3	Manufacture of vegetable and animal oils and fats (Edible and non-edible oils	104	30	182	1	41	4	278	4	576	39	1077
4	Manufacture of Dairy products (Milk products)	105	36	143	2	86	0	0	2	566	40	795
5	Manufacture of grain mill products, starches & starch products (Rice, Dall & Flour mills etc.)	106	398	2072	20	665	5	363	2	396	425	3496
6	Manufacture of other food products (Bakers, Sugar, Kandasari, Gur, Idoised Salt, Papads, and Noodles etc.,)	107	124	447	3	125	1	66	4	1454	132	2092
7	Manufacture of beverages (Mineral water, Ice, Softdrinks& liquors)	110	45	205	0	0	1	90	1	172	47	467
8	Manufacture of wearing apparel except wool apparel (Ready made garments)	141	117	359	0	0	0	0	2	237	119	596
9	Sawmilling and planing of wood (Saw Mills)	161	57	220	0	0	0	0	1	150	58	370
10	Printing & Service activities related to Printing (Printing Press)	181	248	804	0	0	1	97	1	131	250	1032
11	Manufacture of non metallic mineral products (Bricks, cement bricks, cement manufacturing and stone cutting and polishing etc.,)	239	183	991	8	289	4	294	9	2540	204	4114

Achieving Double Digit Inclusive Growth – A Rolling Plan 2015-16

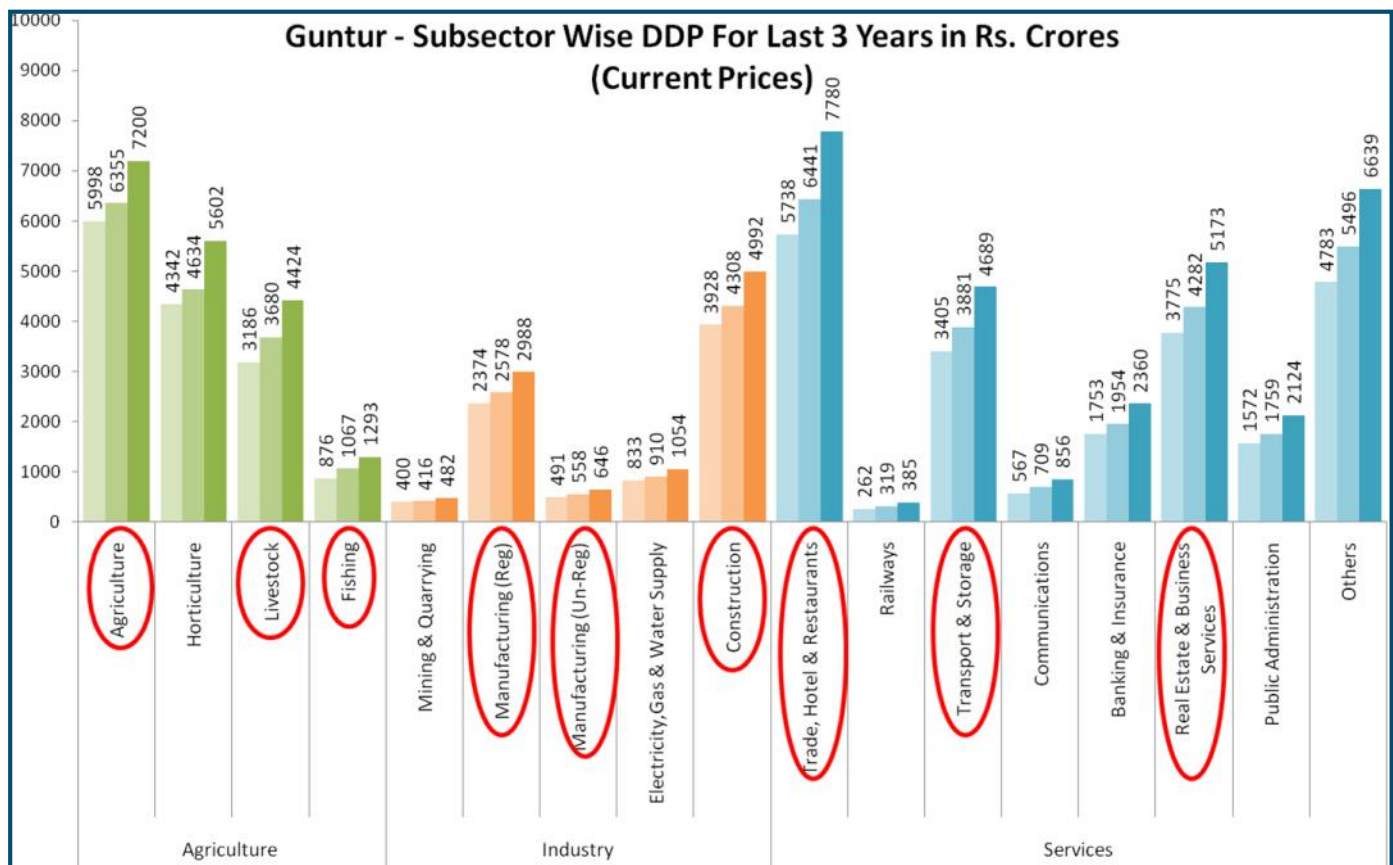
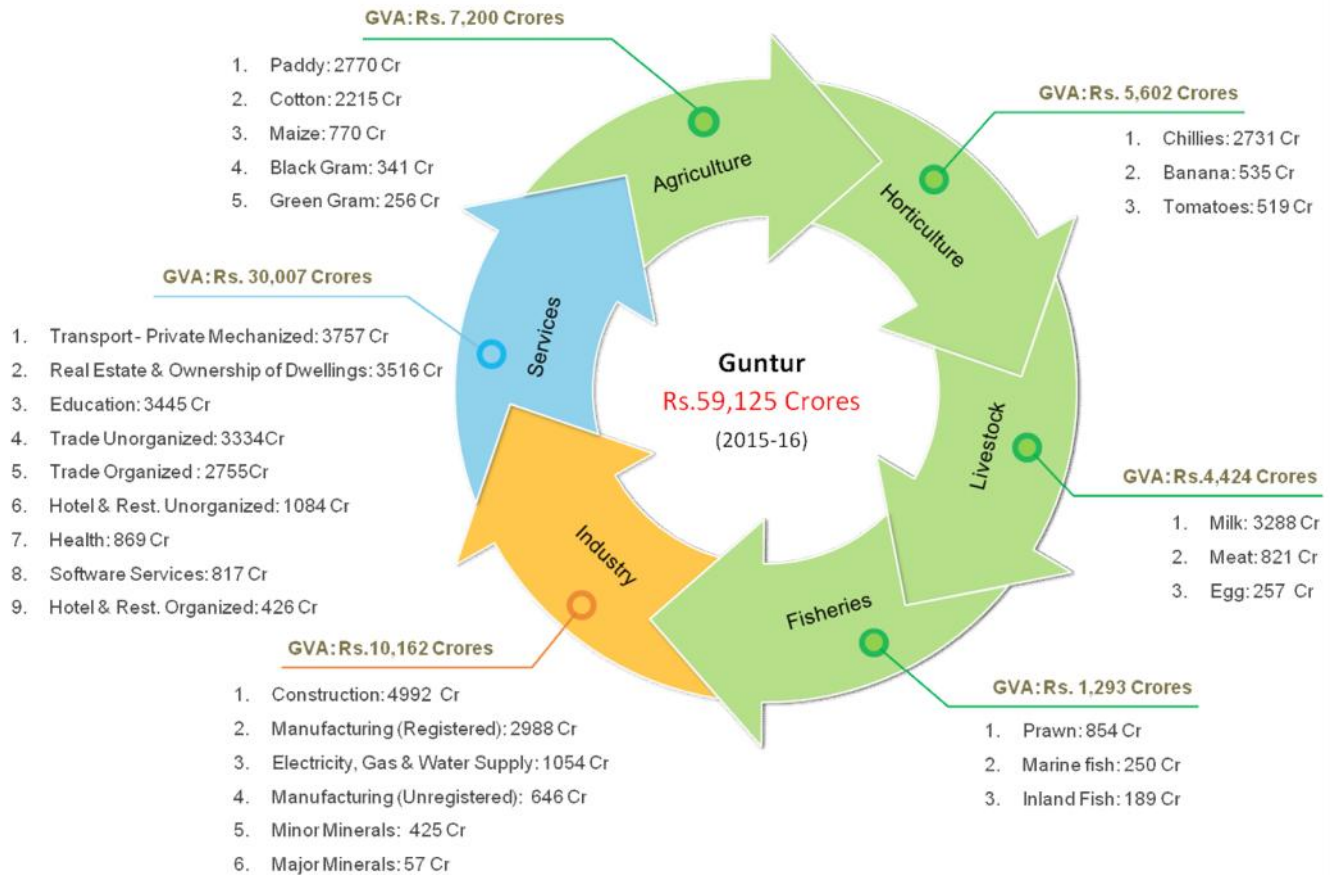
12	Manufacture of structural metal products. (Iron doors, windows, shutters and other household metal equipments)	251	104	424	4	118	1	89	1	187	110	818
13	Maintenance and repair of motor vehicles (Motor vehicles repair shed)	452	111	426	7	258	0	0	4	1196	122	1880
14	Sale, maintenance and repair of motorcycles and related parts and accessories (Sale and maintenance/repair of two wheelers etc.,)	454	115	489	2	80	0	0	0	0	117	569
15	Retail sale in non-specialized stores (Fancy stores and other general stores)	471	265	610	0	0	0	0	0	0	265	610
16	Retail sale of food,beverages and tobacco in specialized stores (Kirana, Fruits and Vegetables and Wine shops etc.,)	472	1022	2662	1	31	0	0	0	0	1023	2693
17	Retail sale of other household equipment in specialized stores (Hardware, Furniture , Paints and Glass stores etc.,)	475	803	2629	1	40	0	0	1	825	805	3494
18	Retail sale of other goods in specialized stores (Cloth, Medical, Jewellery and Footwear shops etc.,)	477	2369	6970	5	172	0	0	1	477	2375	7619
19	Restaurants and mobile food services activities (Hotels and Restaurants)	561	322	1680	0	0	0	0	0	0	322	1680
20	Others		3789	16981	72	2224	32	2297	38	12788	3931	34290
TOTAL			10152	38388	126	4129	50	3674	72	22493	10400	68684

Additional Projects / Game changing initiatives

INDUSTRIES:

1. Establishment of Ice factories, Fish and Prawn processing plants, Thermocol units, Aqua feed plants, Fish and shrimp cold storage facilities
2. Engineering industries like manufacturing of cylinder lines, cylinder heads, Crank shafts, connecting rods etc., can be established.

VII. Guntur District-Sector Wise Growth Engines GVA (RS.Cr.) Targets for 2015-16



a. Guntur District Wise Growth Engines at Current Prices from 2014-15 & 2015-16 GVA (In Cr.)					
No.	Growth Engines	2014-15		2015-16	
		Production	GVA	Production	GVA
Agriculture (Production 'ooo tonnes)					
1	Paddy	1648	2478	1843	2770
2	Cotton kapas	557	2154	573	2215
3	Maize	476	548	669	770
4	Tobacco	17	195	19	213
5	Blackgram	34	304	38	341
6	Greengram	40	226	45	256
7	Jowar	125	175	142	199
8	Red gram	16	63	21	82
9	Groundnut	10	32	12	39
10	Bengal gram	12	30	17	42
11	Sesamum	0	0	0	0
	Remaining crops		150		273
	Total Agriculture		6355		7200
Horticulture(Production in tonnes)					
12	Chillies	276000	2259	317400	2731
13	Banana	322000	443	370300	535
14	Tomato	331789	429	381557	519
15	Betel Leaves (ooo's)	13881000	224	15963150	271
16	Turmeric	34000	200	39100	241
17	Bendi	42138	75	48459	91
18	Brinjal	47608	70	54749	85
19	Sapota	33054	57	38012	69
20	Jasmine	1310	38	1507	45
21	Cucumber	27706	37	31861	44
22	Crossandra	640	30	736	36
23	Papaya	27599	25	31739	31
	Others		747		903
	Total Horticulture		4634		5602
c) Fishing (Production in Tonnes)					
24	Marine Fish (In tonnes)	28532	242	31450	250
25	Inland Fish (In Tonnes)	30723	183	32650	189
26	Prawn (In Tonnes)	20035	642	27030	854
	Total Fishing	79290	1067	91130	1293
d) Livestock					
27	Milk ('ooo MTs)	1059	2604	1190	3288
28	Meat('ooo MT)	56	722	63	821
29	Egg (Crore No.)	102	239	125	257
	Others		115		58
	Total Livestock		3680		4424
e) Others (Forestry & Logging)			374		437
Total Agriculture and Allied Sector			16110		18956
II) INDUSTRY SECTOR					
30	Construction		4308		4992
31	Manufacturing- (Regd)		2578		2988
32	Electricity		836		968
33	Manufacturing- (Un-Regd)		558		646
34	Minor Minerals		367		425
35	Major Minerals		49		57
	Others		74		86
	Industries Sector		8770		10162
III) SERVICES SECTOR					
36	Transport - Private Mechanised part		3110		3757
37	Education		2852		3445
38	Trade - Un-Organised		2760		3334
39	Ownership of Dwellings		2749		3321
40	Trade -Organised		2281		2755
41	Hotels & Restaurants -Un-Organised		897		1084
42	Health		719		869
43	Software Services		676		817
44	Hotels & Restaurants -Organised		353		426
45	Real Estate		161		195
	Others		8283		10006
	Services Sector		24841		30007
Gross District Domestic Product			49722		59125

The 45 Growth Engines contribute 80.10% in the Total GDDP of 2015-16

b. Guntur District - Prospective Economic Activities

Sale, processing and preserving of fruit and vegetables (processing of cashew nuts etc.,) has provided the highest employment over other economic activities. Currently this sector is providing an employment to 9974 through 462 establishments. The rapid growth has been in manufacture of non-metallic mineral products, retail sale of other goods in specialized stores and food, beverages and tobacco in specialized stores. Below are the district specific activities listed in sector wise.

1. Agriculture:

- Guntur is now production hub for spices, 20% of the country's Chilies production and 50% of exports from the state.
- Developing an integrated storage and handling complex for Chilies & high cur cumin turmeric is in progress
- Govt. of India sanctioned 2 textile parks. The district requires 10 more such parks with an investment of Rs: 1000 Crs on development of integrated textile parks focusing on weaving and garmenting. 3000 direct employment and 24,000 indirect employment will be covered.
- This will straight away add approximate Rs: 4500 Crs to the GDDP of Guntur district.

2. Construction: Capital Infrastructure - CRDA Region

- Approx. Rs.30,000Crs will be spent for creating basic infrastructure like road and drains etc.
- About 100 million sft of built up space will be created with an estimated cost of Rs.35,000 Crs in the next 5 years
- Proposed new Capital of Andhra Pradesh State will boost the construction industry
- Training for skilled and semi-skilled workers

3. Industries:

- Approx. balance reserves of lime stone in the district is 3500 mmt - With these reserves can setup 80 mmt of cement units.
- The district is having huge reserves of granite metal. Investments in quarries, crushing and polishing units to meet the higher demand of Capital construction.

3. Fisheries:

- An additional GDDP is estimated to Rs.366.75 Crores by introduction of Pacific Shrimp (L.Vannami) in brackish water and Pangassius(Thai Cat Fish) in fresh water aquaculture production.
- Employment generation is expected to 1500 persons.

4. Tourism:

- Proposed to invest an amount of Rs.1.87 Crores on Tourism circuits.
- The additional GDDP is estimated to Rs.86.14 Crores. Employment generation is expected to 500 persons.

Economic activity-wise working registered manufacturing units under 2m(i) and 2m(ii) sections of factories act and other manufacturing msme units under factories act, industries department and shops and commercial establishments act (labour department)

Name of the District : GUNTUR

Sl. No	Economic Activity	3- NIC code digit	Workers size class								TOTAL	
			1-20		21-50		51-100		101 and above			
			No.of Ests	No.of worker s	No.o fEsts	No.of worker s	No.o fEsts	No.of worker s	No.o fEsts	No.of worker s	No.ofE sts	No.of worker s
1	Support activities to agrl. and post harvest activities (Cotton ginning & Seed processing etc.,)	016	358	4462	88	2372	12	858	4	2282	462	9974
2	Processing and preserving of fruit and vegetables (Processing of Cashewnuts, Jams, Sauces, Pickles etc.,)	103	5	42	1	40	0	0	0	0	6	82
3	Manufacture of vegetable and animal oils and fats (Edible and non-edible oils	104	26	290	7	246	5	370	4	665	42	1571
4	Manufacture of Dairy products (Milk products)	105	37	244	3	99	0	0	0	0	40	343
5	Manufacture of grain mill products, starches & starch products (Rice, Dall & Flour mills etc.)	106	663	4033	12	302	0	0	0	0	675	4335
6	Manufacture of other food products (Bakers, Sugar, Kandasari, Gur, Idoised Salt, Papads, and Noodles etc.,)	107	106	578	3	95	0	0	1	458	110	1131
7	Manufacture of beverages (Mineral water, Ice, Softdrinks& liquors)	110	58	325	2	50	1	100	1	444	62	919
8	Manufacture of wearing apparel except wool apparel (Ready made garments)	141	224	669	0	0	0	0	1	560	225	1229
9	Sawmilling and planing of wood (Saw Mills)	161	26	93	0	0	0	0	0	0	26	93
10	Printing & Service activities related to	181	166	710	2	60	1	69	0	0	169	839

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	Printing (Printing Press)											
11	Manufacture of non metallic mineral products (Bricks, cement bricks, cement manufacturing and stone cutting and polishing etc.,)	239	581	4620	14	427	1	86	3	2915	599	8048
12	Manufacture of structural metal products. (Iron doors, windows, shutters and other household metal equipments)	251	99	403	0	0	1	90	0	0	100	493
13	Maintenance and repair of motor vehicles (Motor vehicles repair shed)	452	177	608	1	35	1	52	0	0	179	695
14	Sale, maintenance and repair of motorcycles and related parts and accessories (Sale and maintenance/repair of two wheelers etc.,)	454	88	319	2	50	0	0	0	0	90	369
15	Retail sale in non-spezilized stores (Fancy stores and other general stores)	471	221	611	1	22	1	60	0	0	223	693
16	Retail sale of food,beverages and tobacco in specialized stores (Kirana, Fruits and Vegetables and Wine shops etc.,)	472	888	2756	0	0	0	0	0	0	888	2756
17	Retail sale of other household equipment in specialized stores (Hardware, Furniture , Paints and Glass stores etc.,)	475	1176	3866	1	25	0	0	1	291	1178	4182
18	Retail sale of other goods in specilized stores (Cloth, Medical, Jewellery and Footwear shops etc.,)	477	1729	5097	3	67	1	89	0	0	1733	5253
19	Restaurants and mobile food services activities (Hotels and Restaurants)	561	168	754	1	50	0	0	0	0	169	804
20	Others (Not classified above)		3051	14976	99	2972	24	1694	51	16153	3225	35795
TOTAL			9847	45456	240	6912	48	3468	66	23768	10201	79604

Note:

1. Regd. manufacturing units under 2m(i) section of Factories Act are 10 or more workers with power and section 2m(ii) of Factories Act are 20 or more workers without power.
2. Under manufacturing sector, units of less than 10 workers with Power in Facatories Act and other manufacturing units registered under Industries dept. and Labour dept.
3. MSME (Micro, Small and Medium Enterprises) Micro units defines that investment in Plant and Machinery not exceeding Rs. 25 lakhs, where as in Small it is more than Rs. 25 lakhs but not exceeding Rs. 5 crores, in Medium it is more than Rs. 5 Crores but not exceeding Rs. 10 Crores.

Additional Projects / Game changing initiatives

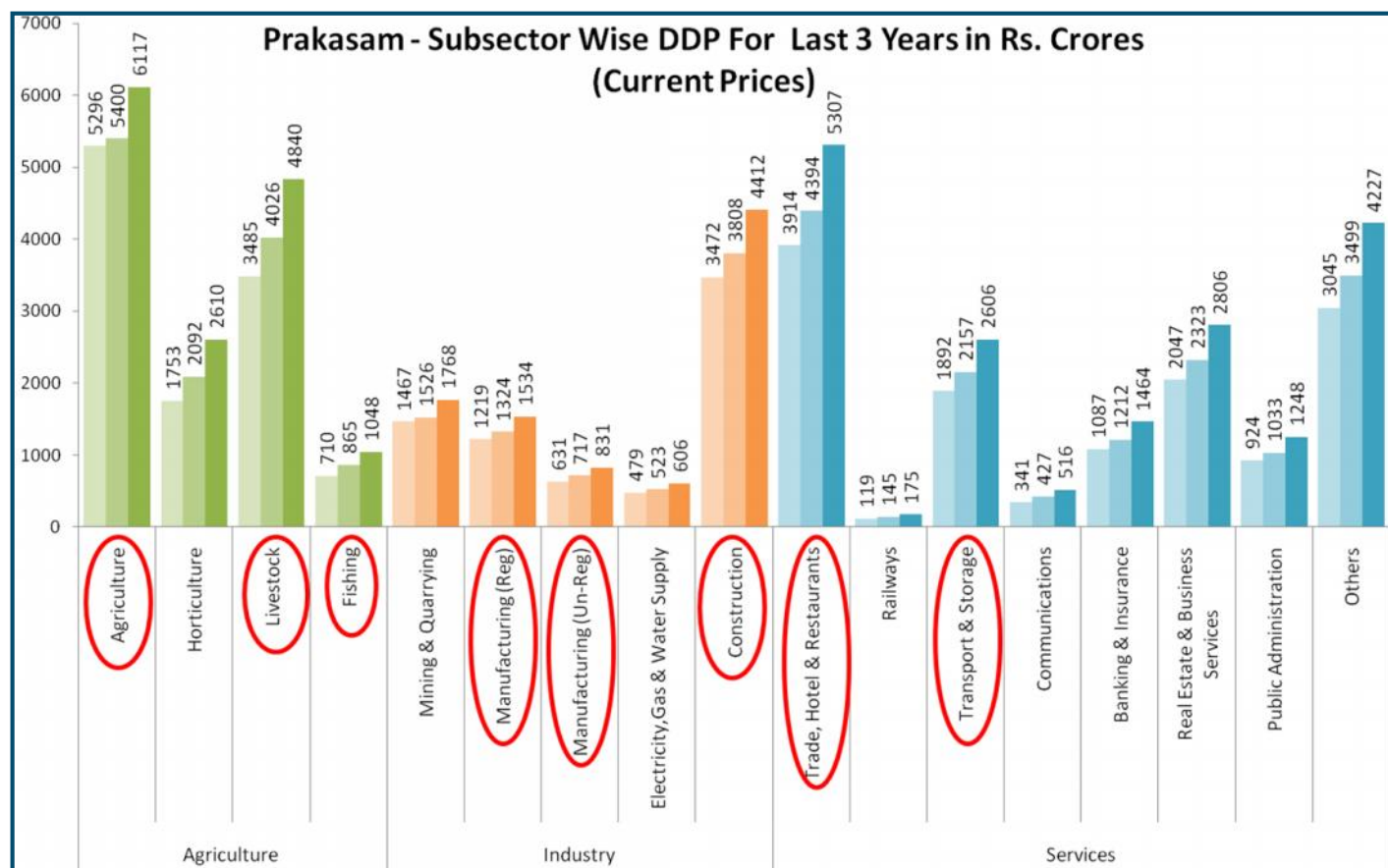
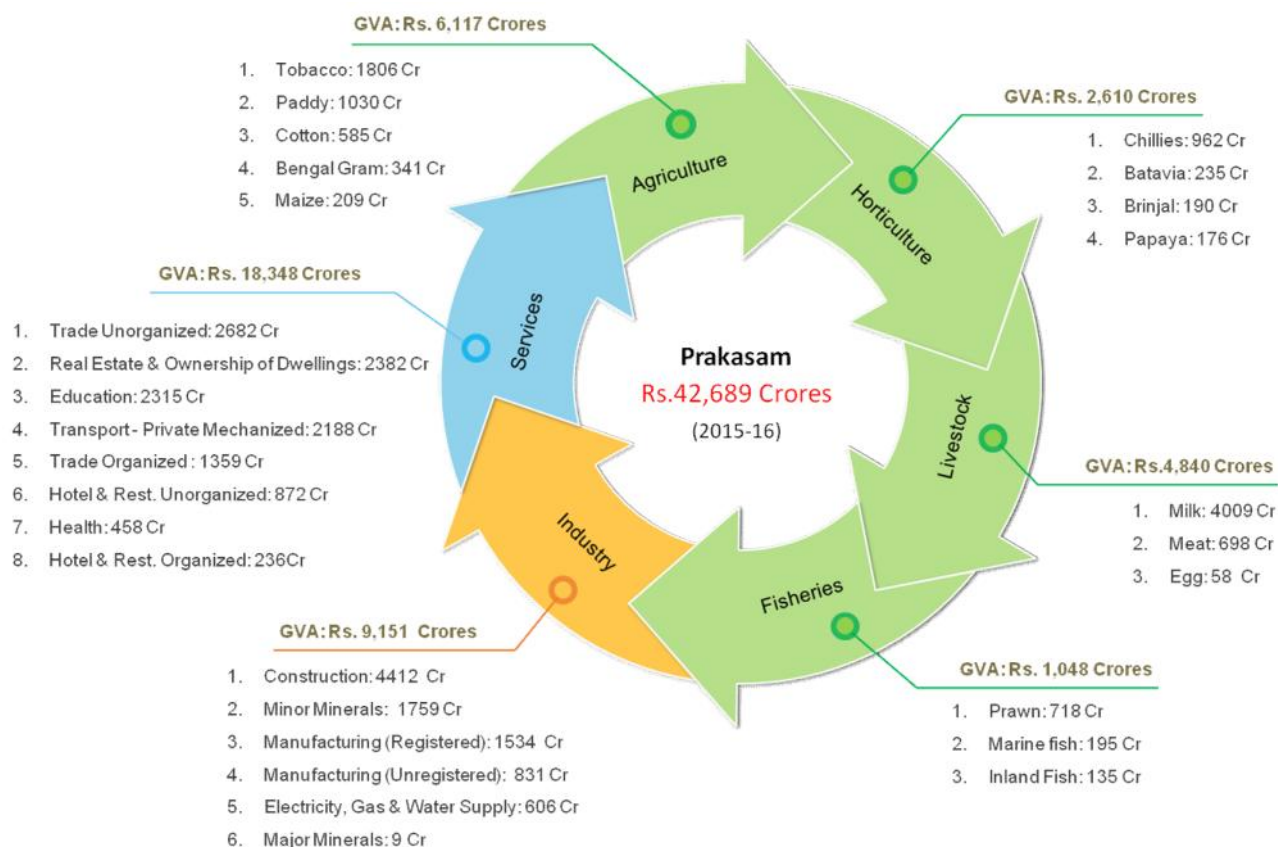
Industrial Parks Proposed

1. Industrial Park at Vinukonda in 87 Acres for MSME units.
2. One Industrial Park may be established at Gurajala in an area of about 500 Acres to encourage Rural Entrepreneurs.
3. One Industrial Park may be established at Sattenapalli in an area of about 300 Acres to encourage Women Entrepreneurs.
4. One Industrial Park may be established at Bapatla in a of about 300 Acres to encourage Marine Products Processing units.
5. One Textile Park is also proposed in an area of 47.77 Acres GopalavariPalem ,Chilakaluripet (M) with an investment of about 110.00 Crores giving emp. to 2000 people.

Proposed Industrial clusters under MSE-CDP scheme of GoI :

1. General Engineering Cluster at Mangalagiri: Rs 5 lakhs sanctioned for preparation of DPR. APIIC to prepare DPR. GOI share is Rs 800 lakhs.
2. Packaged Beverages Cluster, Guntur: Online application was forwarded to MSME-DI, Hyd on 3/10/2013 for in-principle approval. GOI grant is Rs 1350 lakhs.
3. Ornaments Artificers' Association, Guntur: DSR and DPR approved. Steering Committee, in its meeting dt 3/9/2014, recommended for according in-principle approval. GOI grant is Rs 1350 Lakhs.
4. Steel Fabricators Cluster, Guntur: DSR and DPR approved and in-principle sanction accorded. To be sent to SIDBI for technical appraisal.
5. Rice Mill Cluster, Tenali: DSR and DPR approved by MSME-DI and forwarded to DC(MSME) for technical and in-principle approvals. GOI grant is Rs 1300 lakh

VIII. Prakasam District-Sector Wise Growth Engines GVA (Rs.Cr.) Targets for 2015-16



a. PrakasamDistrict Wise Growth Engines at Current Prices from 2014-15 & 2015-16 GVA (In Cr.)					
No.	Growth Engines	2014-15		2015-16	
		Production	GVA	Production	GVA
Agriculture (Production 'ooo tonnes)					
1	Tobacco	144	1653	157	1806
2	Paddy	613	922	685	1030
3	Cotton kapas	147	569	151	585
4	Bengal gram	98	241	139	341
5	Maize	129	149	181	209
6	Red gram	35	139	45	180
7	Ground nut	9	28	11	35
8	Bajra	11	13	12	15
9	Sesamum	3	23	3	26
10	Blackgram	17	79	19	89
11	Sun flower	10	26	11	30
12	Jowar	27	35	31	40
13	Castor	1	3	1	3
	Remaining crops		1519.6		1728
	Total Agriculture		5400		6117
Horticulture(Production in tonnes)					
14	Chillies	124000	771	146320	962
15	Batavia	275332	189	324892	235
16	Brinjal	112121	152	132303	190
17	papaya	191166	141	225576	176
18	Bendi	71463	116	84326	144
19	Sapota	60480	95	71366	119
20	Tomato	77725	92	91716	115
21	Mango	64876	74	76554	92
22	Betel Leaves (ooo's)	3979000	59	4695220	74
23	Turmeric	5000	26	5900	32
24	Banana	9000	18	10620	23
	Others		359		447
	Total Horticulture		2092		2610
c) Fishing (Production in Tonnes)					
25	Marine Fish (In tonnes)	21639	181	23030	195
26	Inland Fish (In Tonnes)	15508	77	24150	135
27	Prawn (In Tonnes)	18817	607	22380	718
	Total Fishing	55963	865	69560	1048
d) Livestock					
28	Milk ('ooo MTs)	1061	3175	1222	4009
29	Meat('ooo MT)	47	613	54	698
30	Egg (Crore No.)	20	54	21	58
	Others		183		75
	Total Livestock		4026		4840
e) Others (Forestry & Logging)			492		575
Total Agriculture and Allied Sector			12875		15190
II) INDUSTRY SECTOR					
31	Construction		3808		4412
32	Minor Minerals		1518		1759
33	Manufacturing- (Regd)		1324		1534
34	Manufacturing- (Un-Regd)		717		831
35	Electricity		491		569
36	Major Minerals		8		9
	Others		32		37
	Industries Sector		7897		9151
III) SERVICES SECTOR					
37	Trade - Un-Organised		2220		2682
38	Ownership of Dwellings		1906		2303
39	Education		1917		2315
40	Transport - Private Mechanised part		1811		2188
41	Trade -Organised		1125		1359
42	Hotels & Restaurants -Un-Organised		722		872
43	Health		379		458
44	Hotels & Restaurants -Organised		195		236
45	Real Estate		66		79
	Others		4848		5856
	Services Sector		15190		18348
Gross District Domestic Product			35962		42689

The 45 Growth Engines contribute 79.57% in the Total GDP of 2015-16

b. Prakasam District - Prospective Economic Activities

Sale, manufacture of non-metallic mineral products has provided the highest employment over other economic activities. Currently this sector is providing an employment to 10010 through 860 establishments. The rapid growth has been in maintenance and repair of motor vehicles (Motor vehicles repair shed), retail sale of other goods in specialized stores. Below are the district specific activities listed in sector wise.

1. Agriculture:

- Rs.838 Cr. Additional income will be received from Tobacco, Paddy, Cotton, Redgram and Bengalgram crops through implementation of IPM Practices, Promotion of farm Mechanisation under RKVY & NFSM, Supply of Micro nutrients, Soil test based fertilizer applications, Irrigation at critical stages, effective utilisation of Drip and Sprinkler Irrigation and establishment of new Spinning Mills in private sector.

2. Horticulture:

- Rs.680 Cr. Additional income will be received from Chillies, Sweet Orange, Papaya, Mango by Introducing pre & post Harvest Management techniques, Rejuvenation & Canopy Management in Sweet Orange, Raising of High Yield Seedlings with spending an amount of Rs.158 Cr.

3. Livestock:

- Rs.469 Cr. Additional income will be received from Milk and Meat by supplying High Yielding Milch Animals, Cattle feed, Mineral mixture, artificial insemination, Bulk Coolers, Milk Chilling Centres, Regular deworming and vaccination, feed supplements, awareness creation on concentrate feeding with an estimated cost of Rs.198 Cr. Including credit assistance of Rs.99 Cr.

4. Fishing:

- Rs.1121 Cr. Additional income will be received from Aquaculture and Marine Fishing by converting of degraded Agriculture lands into Aqua lands, providing separate H.T.lines with subsidized Electricity, Desiltation of Creeks, Backwater and B.Canal, Skill development for fishermen and supply of implements with a cost of Rs.2.50 Cr.

5. Mining

- Rs.75 Cr. Additional income will be received with establishment of five Robo sand units with an outlay of Rs. 15 Cr. in private sector and imposing of policy on use of Robo sand in Government works.

6. Manufacturing

- Rs.1320 Cr. Additional income will be received by establishing 6 Granite cutting and Polishing units (Gang Saw) with an outlay of Rs.150.00 Cr. and a credit assistance of Rs.120.00 Cr. Rs.750.00 Cr. value of GVA will be generated and duly creating employment for 400 persons and establishment of 200 Units in Micro and Small Units with an outlay of Rs.190.00 Cr. and credit assistance of Rs.160.00 Cr. duly creating employment for 1900 Persons.

7. Tourism:

- Employment provided to 5000 local people due to establishment of Silparamam, Tourism budget hotels at Ongole, Kothapatnam, Vodarevu, Bairavakona, Gundlakamma Reservoir and Bhavanasi Mini Reservoir through Government and Private sectors.

8. Electricity:

- Establishment of Solar Power Plants in available Barren Lands in Kanigiri Assembly Constituency for generation of additional 1500 MW Power in Government and Private Sectors.

Economic activity-wise working registered manufacturing units under 2m(i) and 2m(ii) sections of factories act and other manufacturing msme units under factories act, industries department and shops and commercial establishments act (labour department)

Name of the District : PRAKASAM

Sl. No	Economic Activity	3- NIC code digit	Workers size class								TOTAL	
			1-20		21-50		51-100		101 and above			
			No.of Ests	No.of workers	No.o fEsts	No.of workers	No.o fEsts	No.of workers	No.o fEsts	No.of workers	No.of Ests	No.of worker s
1	Support activities to agrl. and post harvest activities (Cotton ginning & Seed processing etc.,)	016	3	21	3	81	2	153	0	0	8	255
2	Processing and preserving of fruit and vegetables (Processing of Cashewnuts, Jams, Sauces, Pickles etc.,)	103	39	396	5	198	0	0	0	0	44	594
3	Manufacture of vegetable and animal oils and fats (Edible and non-edible oils	104	12	67	0	0	0	0	2	325	14	392
4	Manufacture of Dairy products (Milk products)	105	54	495	4	142	0	0	1	120	59	757
5	Manufacture of grain mill products, starches & starch products (Rice, Dall & Flour mills etc.)	106	181	937	2	63	0	0	0	0	183	1000
6	Manufacture of other food products (Bakers, Sugar, Kandasari, Gur, Idoised Salt, Papads, and Noodles etc.,)	107	45	150	0	0	0	0	0	0	45	150
7	Manufacture of beverages (Mineral water, Ice, Softdrinks& liquors)	110	25	124	0	0	0	0	1	1000	26	1124
8	Manufacture of wearing apparel except wool apparel (Ready made garments)	141	46	149	1	28	0	0	0	0	47	177
9	Sawmilling and planing of wood (Saw Mills)	161	12	49	0	0	0	0	0	0	12	49
10	Printing & Service activities related to Printing (Printing Press)	181	68	251	1	48	2	130	0	0	71	429

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11	Manufacture of non metallic mineral products (Bricks, cement bricks, cement manufacturing and stone cutting and polishing etc.,)	239	839	7968	12	332	1	75	8	1635	860	10010
12	Manufacture of structural metal products. (Iron doors, windows, shutters and other household metal equipments)	251	35	85	3	84	0	0	0	0	38	169
13	Maintenance and repair of motor vehicles (Motor vehicles repair shed)	452	35	102	0	0	0	0	5	2617	40	2719
14	Sale, maintenance and repair of motorcycles and related parts and accessories (Sale and maintenance/repair of two wheelers etc.,)	454	88	350	0	0	0	0	0	0	88	350
15	Retail sale in non-spezilized stores (Fancy stores and other general stores)	471	66	144	0	0	0	0	0	0	66	144
16	Retail sale of food,beverages and tobacco in specialized stores (Kirana, Fruits and Vegetables and Wine shops etc.,)	472	284	741	4	115	0	0	0	0	288	856
17	Retail sale of other household equipment in specialized stores (Hardware, Furniture , Paints and Glass stores etc.,)	475	720	1843	0	0	0	0	0	0	720	1843
18	Retail sale of other goods in spezilized stores (Cloth, Medical, Jewellery and Footwear shops etc.,)	477	787	1851	2	53	0	0	0	0	789	1904
19	Restaurants and mobile food services activities (Hotels and Restaurents)	561	238	1338	1	30	0	0	0	0	239	1368
20	Others (Not classified above)		1204	5870	39	1348	22	1588	20	9550	1285	18356
TOTAL			4781	22931	77	2522	27	1946	37	15247	4922	42646

Note:
1. Regd. manufacturing units under 2m(i) section of Factories Act are 10 or more workers with power and section 2m(ii) of Factories Act are 20 or more workers without power.
2. Under manufacturing sector, units of less than 10 workers with Power in Facatories Act and other manufacturing units registered under Industries dept. and Labour dept.
3. MSME (Micro, Small and Medium Enterprises) Micro units defines that investment in Plant and Machinery not exceeding Rs. 25 lakhs, where as in Small it is more than Rs. 25 lakhs but not exceeding Rs. 5 crores, in Medium it is more than Rs. 5 Crores but not exceeding Rs. 10 Crores.

Additional Projects / Game changing initiatives

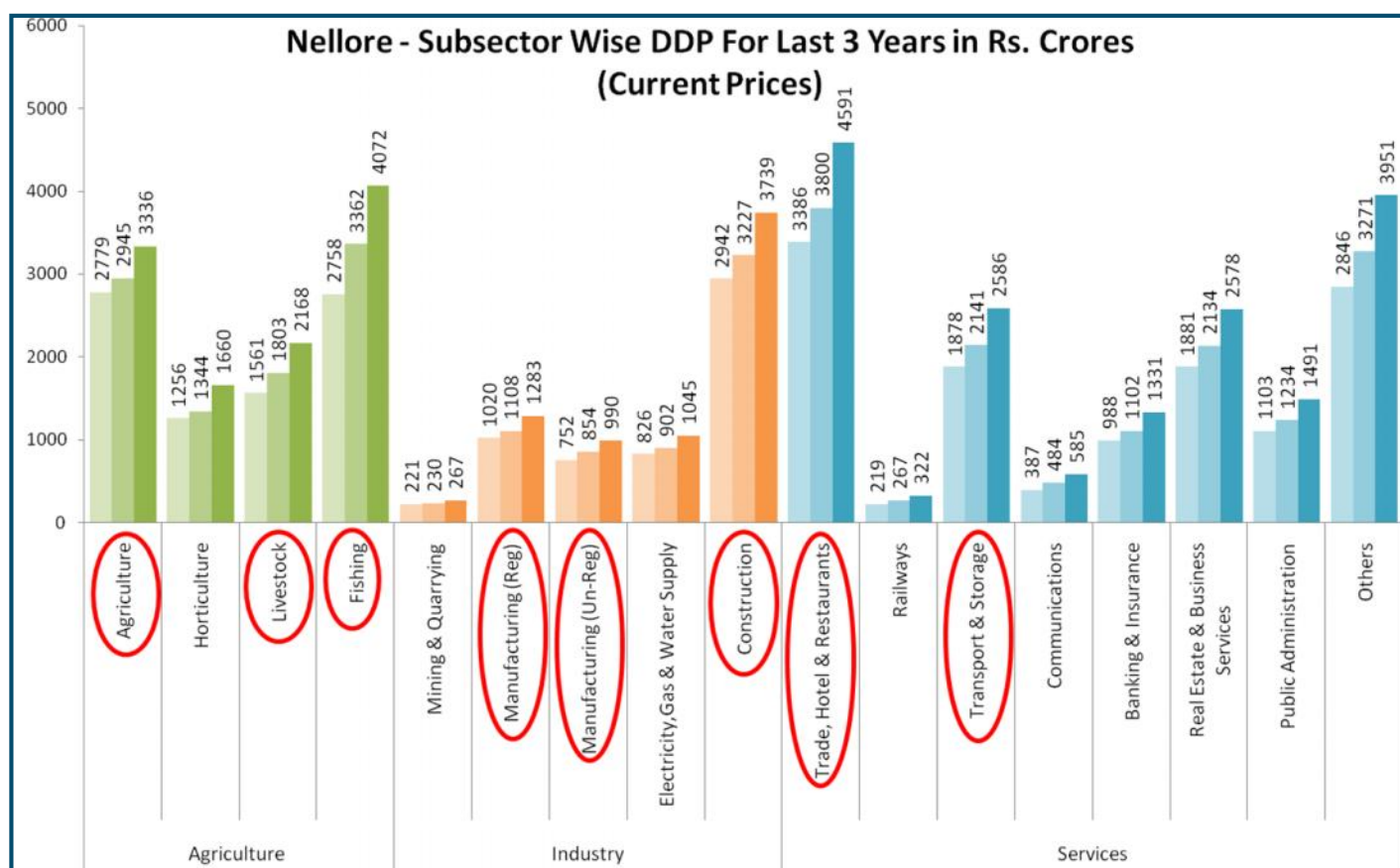
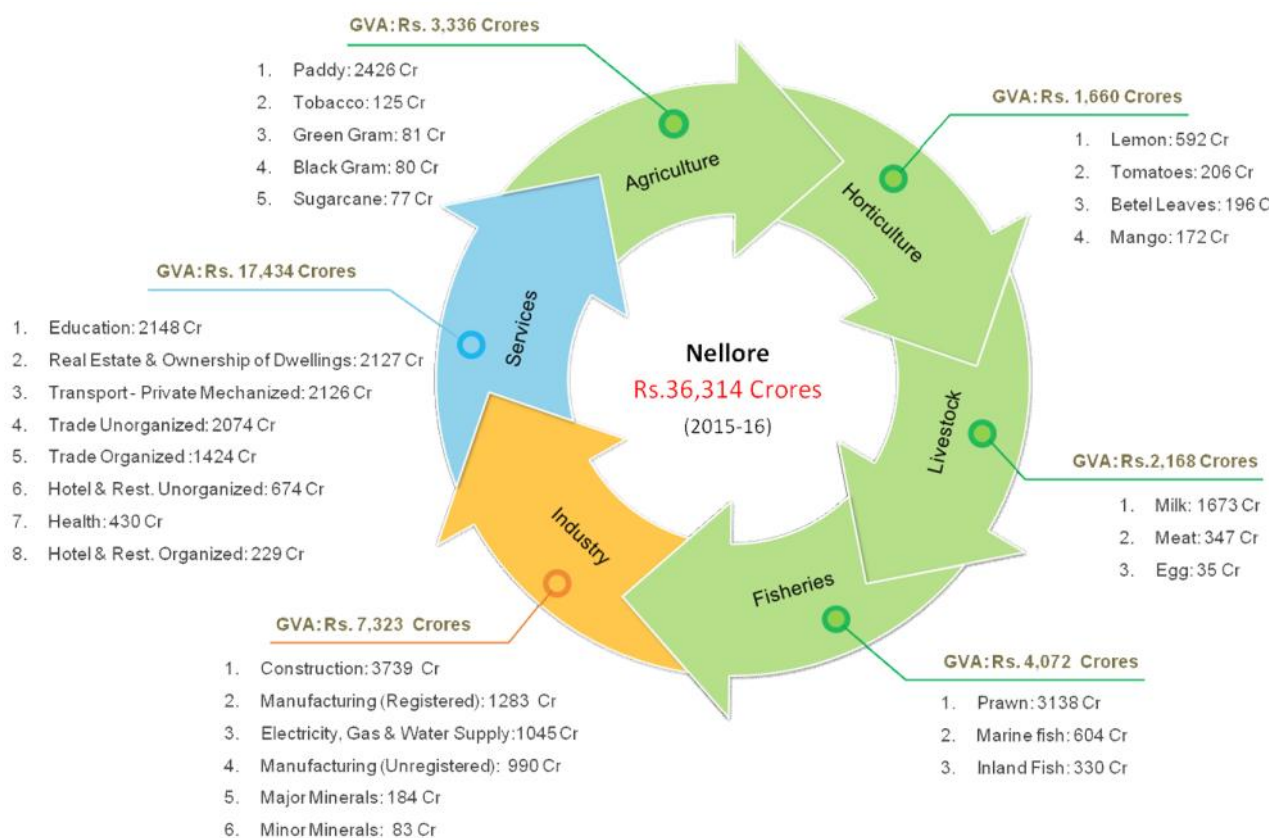
INDUSTRIES SECTOR:

1. NIMZ - 14230.90 ac of land identified in 5 villages of pamuru and one village of P.C.Palli
2. Solar Park will be established in C.S.Puram, P.C.Palli Mandals in an extent of Ac.10,978 of Land identified for generation of 1500 MW power.
3. Food Park will be established in Gudlur Mandal.

TOURISM SECTOR:

1. To attract Tourist and also Visitors of Town, it is just like a park. Involving Art, Crafts and Cultural development.
2. Silparamam Promote Artisan Articles exhibition cum sales.
3. Competition of Arts, Paintings and Cultural Activities like Kuchipudi Folk Dance etc.
4. 2 to 3 Indoor and outdoor function places will be developed.
5. Additional income will generate through Food Courts, Water Boating, Children Play equipments, livelihood created to 100 Families & Indirect employment will be created to 200 Persons.
6. Creating infrastructure facilities to Tourists like Cottages, Restaurant, Children Park, Water Sports and function halls and other recreational activities, additional income will be generated and employment will generate the local youth.
7. After providing all the facilities, the Tourists floating will also be increased

IX. SPS Nellore District-Sector Wise Growth Engines GVA_(Rs. Cr.) Targets for 2015-16



a. SPS NelloreDistrict Wise Growth Engines at Current Prices from 2014-15 & 2015-16 GVA (In Cr.)					
No.	Growth Engines	2014-15		2015-16	
		Production	GVA	Production	GVA
Agriculture (Production 'ooo tonnes)					
1	Paddy	1443	2169	1613	2426
2	Sugarcane	448	72	484	77
3	Groundnut	18	57	22	70
4	Tobacco	10	115	11	125
5	Black gram	19	71	21	80
6	Cotton (kapas)	12	46	12	48
7	Bengal gram	8	20	11	28
8	Green gram	11	72	12	81
9	Maize	6	7	8	10
	Remaining crops		317		391
	Total Agriculture		2945		3336
Horticulture(Production in tonnes)					
10	Lemon	255000	479	298350	592
11	Tomato	121597	167	142268	206
12	Betel Leaves (ooo's)	9244000	158	10815480	196
13	Mango	106179	139	124229	172
14	Batavia	98303	77	115015	95
15	Banana	26000	57	30420	70
16	Chillies	5000	37	5850	46
17	Sapota	12810	24	14988	29
18	Guava	10556	21	12351	26
19	Brinjal	8625	14	10091	17
20	Cucumber	8880	13	10390	16
	Others		158		195
	Total Horticulture		1344		1660
c) Fishing (Production in Tonnes)					
21	Marine Fish (In tonnes)	76336	617	73510	604
22	Inland Fish (In Tonnes)	56892	302	51300	330
23	Prawn (In Tonnes)	79962	2443	103357	3138
	Total Fishing	213190	3362	228167	4072
d) Livestock					
24	Milk ('ooo MTs)	527	1325	580	1673
25	Meat('ooo MT)	23	305	27	347
26	Egg (Crore No.)	15	32	16	35
	Others		141		114
	Total Livestock		1803		2168
e) Others (Forestry & Logging)			275		321
Total Agriculture and Allied Sector			9729		11557
II) INDUSTRY SECTOR					
27	Construction		3227		3739
28	Manufacturing- (Regd)		1108		1283
29	Electricity		875		1014
30	Manufacturing- (Un-Regd)		854		990
31	Major Minerals		158		184
32	Minor Minerals		72		83
	Others		27		31
	Industries Sector		6320		7323
III) SERVICES SECTOR					
33	Education		1779		2148
34	Transport - Private Mechanised part		1760		2126
35	Trade - Un-Organised		1717		2074
36	Ownership of Dwellings		1658		2002
37	Trade -Organised		1179		1424
38	Hotels & Restaurants - Un-Organised		558		674
39	Health		356		430
40	Hotels & Restaurants -Organised		189		229
41	Real Estate		103		125
	Others		5134		6202
	Services Sector		14433		17434
Gross District Domestic Product			30482		36314
The 41 Growth Engines contribute 80.02% in the Total GDP of 2015-16					

The 41 Growth Engines contribute 80.02% in the Total GDDP of 2015-16

b. SPS Nellore District - Prospective Economic Activities

Sale, manufacture of beverages (Mineral water, Ice, Soft drinks & liquors). Currently this sector is providing an employment to 3113 through 481 establishments. Rapid growth has been in retail sale of other goods in specialized stores, maintenance and repair of motor vehicles and manufacture of non-metallic mineral products. Below are the district specific activities listed in sector wise.

1. Primary:

- Increase of productivity in Paddy, Groundnut and Sugarcane will add an additional GVA of Rs 1108 cr. to DDP by 2015-16.
- Increase of production in Acid Lime, Mango, Batavia and Banana will add an additional GVA of Rs 117crores to DDP by 2015-16. Extension of area under horticulture crops like Acid lime, Batavia and Mango with drip and sprinklers will provide an addition of Rs. 736 crores to GDP.
- Prawn culture, Marine fish and Inland fish will add an additional GVA of Rs 913 crores to DDP by 2015-16.
- Milk Production, Meat & meat products and Egg production will add an additional GVA of Rs 836 crores to DDP by 2015-16.

2. Infrastructure:

- Establishing Airport at Damavaram and K.K.Gunta Villages (between Nellore – Kavali) of Dagadarthi Mandal.
- Creation of National / International Sports infrastructure at Mogallapalem in Nellore Mandal in an extent of 50 Acres.

3. Industries:

- CRIBHCO is establishing manufacturing unit of DAP/NPK fertilizer of 12 lakhs MT capacity at Survepali Village in venkatachalam mandal with a cost of Rs. 2000 crores for generating employment to 2000 persons.
- CONCOR is establishing multi model logistic park at Epuru – 1A Village in Muthukuru mandal with an investment of Rs. 200 crores to create employment of 500 persons.
- GVK-EMRI is establishing a research institute in Muthukur mandal with an investment of Rs.200 crores.
- GROB machine tools industry at Krishnapatnam with Rs. 300 crores will provide employment to 200 persons.
- Universal Ford India Pvt. Ltd at Thamminapatnam of Chillakur(M) with Rs. 800 cr. will provide employment to 350 persons.
- MSME based industries at Naidupet mandal will cater the needs of generating the employment, besides the growth of Economy.

4. Tourism:

- Eco-tourism in Pulicate lake, Nelapattu birds sanctuary, Kandaleru&Somasila reservoirs, Udayagiri port; Beach tourism in Mypadu, KothaKoduru, TummalaPenta, Iskapalli&Tupilipalem and Religious tourism in Penchalakona, Sullurpet; Kasumuru, A.S Peta & Venadu Darghas, Velanginimatha church at KothaKoduru will boost the economy of the district and will provide direct and indirect employment.

Economic activity-wise working registered manufacturing units under 2m(i) and 2m(ii) sections of factories act and other manufacturing msme units under factories act, industries department and shops and commercial establishments act (labour department)

Name of the District :
NELLORE

Sl. No	Economic Activity	NIC code digit	Workers size class								TOTAL	
			1-20		21-50		51-100		101 and above			
			No.ofEsts	No.of workers	No.ofEsts	No.of workers	No.ofEsts	No.of workers	No.ofEsts	No.of workers	No.ofEsts	No.of workers
1	Support activities to agrl. and post harvest activities (Cotton ginning & Seed processing etc.,)	016	2	4	0	0	0	0	0	0	2	4
2	Processing and preserving of fruit and vegetables (Processing of Cashewnuts, Jams, Sauces, Pickles etc.,)	103	8	74	1	25	0	0	0	0	9	99
3	Manufacture of vegetable and animal oils and fats (Edible and non-edible oils	104	12	33	0	0	1	85	5	1454	18	1572
4	Manufacture of Dairy products (Milk products)	105	22	131	3	102	1	74	3	1305	29	1612
5	Manufacture of grain mill products, starches & starch products (Rice, Dall & Flour mills etc.)	106	477	2966	3	95	1	52	0	0	481	3113
6	Manufacture of other food products (Bakers, Sugar, Kandasari, Gur, Idoised Salt, Papads, and Noodles etc.,)	107	48	177	1	50	0	0	1	160	50	387
7	Manufacture of beverages (Mineral water, Ice, Softdrinks& liquors)	110	42	229	0	0	0	0	0	0	42	229
8	Manufacture of wearing	141	56	285	0	0	1	98	0	0	57	383

Achieving Double Digit Inclusive Growth – A Rolling Plan 2015-16

	apparel except wool apparel (Ready made garments)											
9	Sawmilling and planing of wood (Saw Mills)	161	74	251	0	0	0	0	0	0	74	251
10	Printing & Service activities related to Printing (Printing Press)	181	70	174	0	0	2	136	1	150	73	460
11	Manufacture of non metallic mineral products (Bricks, cement bricks, cement manufacturing and stone cutting and polishing etc.,)	239	144	1182	9	303	5	410	3	410	161	2305
12	Manufacture of structural metal products. (Iron doors, windows, shutters and other household metal equipments)	251	39	125	1	45	1	81	0	0	41	251
13	Maintenance and repair of motor vehicles (Motor vehicles repair shed)	452	155	514	0	0	0	0	4	1675	159	2189
14	Sale, maintenance and repair of motorcycles and related parts and accessories (Sale and maintenance/repair of two wheelers etc.,)	454	48	209	1	35	0	0	0	0	49	244
15	Retail sale in non-specialized stores (Fancy stores and other general stores)	471	223	449	0	0	0	0	0	0	223	449
16	Retail sale of food,beverages and tobacco in specialized stores (Kirana, Fruits and Vegetables and Wine shops etc.,)	472	296	815	1	40	0	0	2	982	299	1837

Achieving Double Digit Inclusive Growth – A Rolling Plan 2015-16

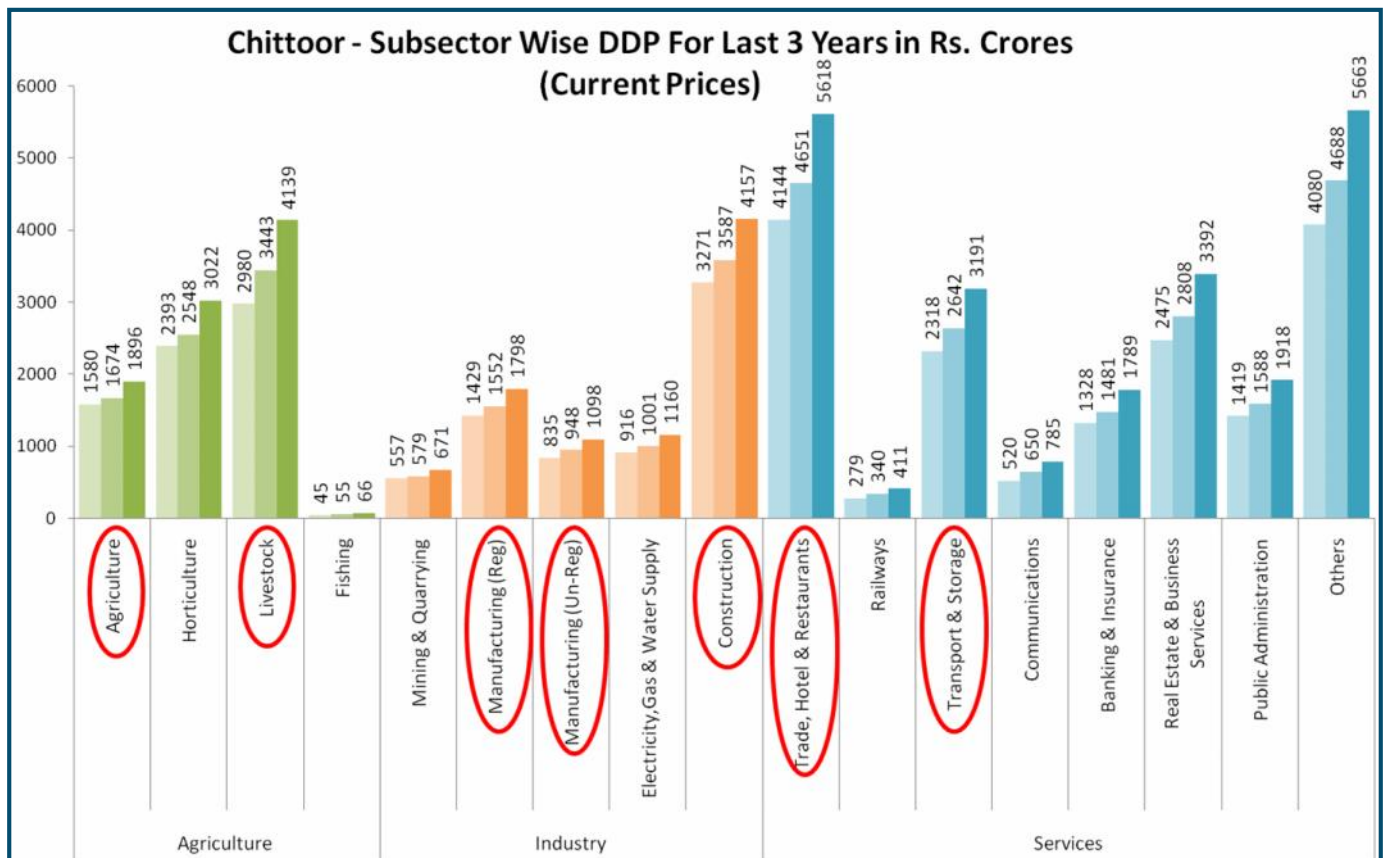
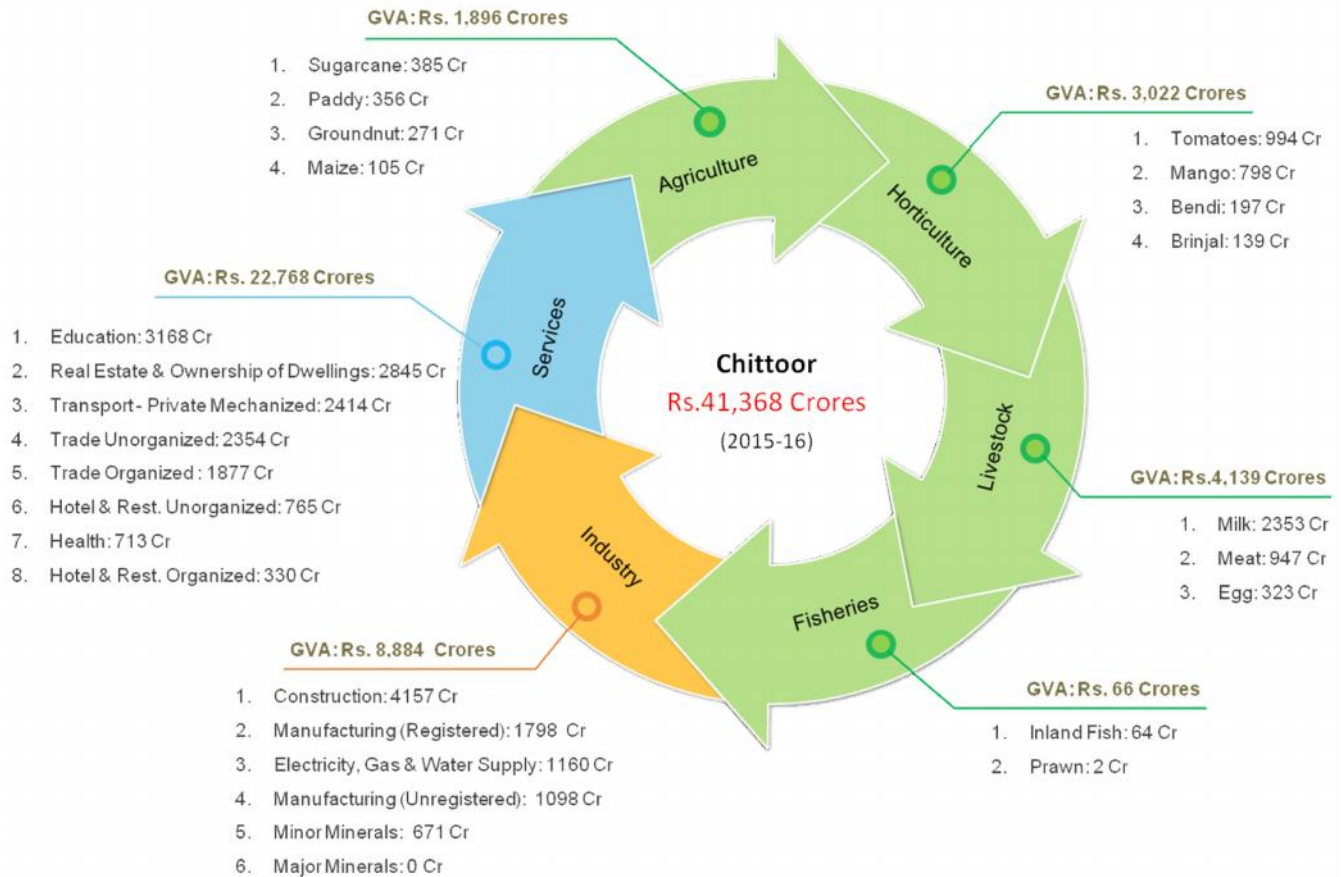
17	Retail sale of other household equipment in specialized stores (Hardware, Furniture , Paints and Glass stores etc.,)	475	557	1489	1	22	0	0	0	0	558	1511
18	Retail sale of other goods in specilized stores (Cloth, Medical, Jewellery and Footwear shops etc.,)	477	1017	2350	4	94	0	0	0	0	1021	2444
19	Restaurants and mobile food services activities (Hotels and Restaurents)	561	201	1107	1	21	0	0	0	0	202	1128
20	Others (Not classified above)		1394	5198	36	1209	14	974	28	13435	1472	20816
TOTAL			4885	17762	62	2041	26	1910	47	19571	5020	41284
Note: 1. Regd. manufacturing units under 2m(i) section of Factories Act are 10 or more workers with power and section 2m(ii) of Factories Act are 20 or more workers without power. 2. Under manufacturing sector, units of less than 10 workers with Power in Facatories Act and other manufacturing units registered under Industries dept. and Labour dept. 3. MSME (Micro, Small and Medium Enterprises) Micro units defines that investment in Plant and Machinery not exceeding Rs. 25 lakhs, where as in Small it is more than Rs. 25 lakhs but not exceeding Rs. 5 crores, in Medium it is more than Rs. 5 Crores but not exceeding Rs. 10 Crores.												

Additional Projects / Game changing initiatives

Service Sector

- Development of Coastal Tourism Circuit under Swadesh Darshan Scheme with Govt. of India funding.
- Total Project Cost of Rs.211.30 Crores.(Cost of Central Component Rs.111.30 Crores, Convergence, PPP, CSR funds Rs.100.00 Crores).
- Project Components: Improving Tourist amenities and attractions at Pulicat Lake, Kasumur Dargah, Kotha Kodur, Ramatheertham, Udayagiri Fort, Juvvaladinne, Gandhi Ashram and Mypadu Beach.
- Development of water sports and activity based attractions at Kandaleru reservoir and B.V.Palem.
- Cruise Boats, House Boats, Amphibious Boats etc.
- Create employment generation to 10,000 directly and in directly to the local youth.
- Contribute Rs.30.00 Crores to DDP

X. Chittoor District-Sector Wise Growth Engines GVA(Rs.Cr.) Targets for 2015-16



a. Chittoor District Wise Growth Engines at Current Prices from 2014-15 & 2015-16 GVA (In Cr.)					
No.	Growth Engines	2014-15		2015-16	
		Production	GVA	Production	GVA
Agriculture (Production 'ooo tonnes)					
1	Groundnut	70	221	86	271
2	Sugarcane	2237	357	2419	385
3	Paddy	212	319	237	356
4	Maize	65	75	91	105
5	Ragi	5	7	6	8
	Remaining crops		695		771
	Total Agriculture		1674		1896
Horticulture(Production in tonnes)					
6	Tomato	746526	838	836109	994
7	Mango	625241	673	700270	798
8	Bendi	108284	166	121278	197
9	Brinjal	91175	117	102116	139
10	papaya	129034	94	144518	111
11	Beans	32527	92	36430	109
12	Banana	77000	92	86240	109
13	Betel Leaves (ooo's)	4000000	62	4480000	73
14	Jasmine	2390	60	2677	71
15	Potatoes	16000	39	17920	47
16	Tamarind	15000	23	16800	28
17	Chillies	3000	20	3360	24
18	Crossandra	480	19	538	23
19	Lemon	10497	15	11757	18
20	Chrysanthemum	4600	14	5152	16
21	Coconut	25000	14	28000	16
	Others		210		249
	Total Horticulture		2548		3022
c) Fishing (Production in Tonnes)					
22	Inland Fish (In Tonnes)	5496	55	5410	64
23	Prawn (In Tonnes)	13	0	50	2
	Total Fishing	5508	55	5460	66
d) Livestock					
24	Milk ('ooo MTs)	1010	1784	1148	2353
25	Meat('ooo MT)	64	833	73	947
26	Egg (Crore No.)	90	300	97	323
	Others		526		516
	Total Livestock		3443		4139
e) Others (Forestry & Logging)					
	Total Agriculture and Allied Sector		507		593
			8227		9716
II) INDUSTRY SECTOR					
27	Construction		3587		4157
28	Manufacturing- (Regd)		1552		1798
29	Electricity		935		1084
30	Manufacturing- (Un-Regd)		948		1098
31	Minor Minerals		579		671
	Others		66		76
	Industries Sector		7667		8884
III) SERVICES SECTOR					
32	Education		2623		3168
33	Ownership of Dwellings		2215		2676
34	Transport - Private Mechanised part		1998		2414
35	Trade - Un-Organised		1949		2354
36	Trade -Organised		1554		1877
37	Hotels & Restaurants -Un-Organised		634		765
38	Health		590		713
39	Hotels & Restaurants -Organised		273		330
40	Real Estate		140		169
	Others		6873		8302
	Services Sector		18849		22768
Gross District Domestic Product			34743		41368
The 40 Growth Engines contribute 74.60% in the Total GDDP of 2015-16					

The 40 Growth Engines contribute 74.60% in the Total GDDP of 2015-16

b. Chittoor District - Prospective Economic Activities

Sale, Retail sale of other goods in specialized stores has provided the highest employment over other economic activities. Currently this sector is providing an employment to 4743 through 1628 establishments. The rapid growth has been in manufacture of fabricated metal products, except machinery and equipment and maintenance and repair of motor vehicles. Below are the district specific activities listed in sector wise.

1.Primary Sector Mission:

- Milk, tomatoes, Mangoes and Meat are the major Growth Engines in Primary Sector
- Horticulture Hub:Chittoor will become Horticulture hub by promotion of Tomato marketing, Production enhancement and post harvest technologies & HRD (MIDH & RKVY), KRISHI Project for Rose, Micro Irrigation Project and Cost of Human Resources
- Maize & Sericulture will fetch additional income with low investment, high income
- Food processing Industries will fetch additional income to district

2.Milk District:

- Chittoor is first in the State in Animal Husbandry Sector having 20 to 22 lakh Lts. Milk per day

3.Neeru - Chettu Drought Proofing:

- No. of water SMC/Water harvesting structures proposed 15405 with as estimated cost of Rs.294.59 crores
- 20,000 Hect Additional area more crop per drop under Drip/Sprinkler irrigation

4.Industries Sector Mission:

- 7 Industries viz., Pepsico India Pvt. Ltd., NBPPL, Mannavaram, Cadbury India Ltd., Colgate Polmolive India Ltd., ISUZU Motors(I) Pvt. Ltd, NIMZ etc expected to invest Rs.38,525 crores and likely to generate direct employment of 1,88,020 and indirect employment of 2,79,790

5.Urban Sector Mission:

- Tirupati as a Mega City and Urban growth centre, Chittoor - Smart City, this will propel the growth of Service sector of the district

6.Tourism / Service Sector Mission:

- Chittoor District is having high potential in Development of Tourism Sector.

Economic activity-wise working registered manufacturing units under 2m(i) and 2m(ii) sections of factories act and other manufacturing msme units under factories act, industries department and shops and commercial establishments act (labour department)

Name of the District :
CHITTOOR

Sl. No	Economic Activity	3- NIC code digit	Workers size class								TOTAL	
			1-20		21-50		51-100		101 and above			
			No.ofEst s	No.of worke rs	No.ofEst s	No.of worker s	No.ofEst s	No.of worker s	No.ofEst s	No.of worke rs	No.ofEs ts	No.of worke rs
1	Processing and preserving of fruit and vegetables (Processing of Cashewnuts, Jams, Sauces, Pickles etc.,)	103	48	295	18	570	7	545	2	468	75	1878
2	Manufacture of vegetable and animal oils and fats (Edible and non-edible oils)	104	34	193	2	57	0	0	0	0	36	250
3	Manufacture of Dairy products (Milk products)	105	37	373	13	465	2	135	5	1247	57	2220
4	Manufacture of grain mill products, starches & starch products (Rice, Dall & Flour mills etc.)	106	254	874	1	40	1	54	0	0	256	968
5	Manufacture of other food products (Bakers, Sugar, Kandasari, Gur, Idoised Salt, Papads, and Noodles etc.,)	107	76	221	0	0	0	0	6	2337	82	2558
6	Manufacture of beverages (Mineral water, Ice, Softdrinks& liquors)	110	15	98	2	55	1	65	4	1145	22	1363
7	Manufacture of wearing apparel except wool apparel (Ready made garments)	141	118	313	1	50	0	0	1	305	120	668
8	Sawmilling and planing of wood (Saw Mills)	161	53	227	0	0	0	0	0	0	53	227
9	Printing & Service activities related to Printing (Printing Press)	181	95	279	2	70	2	144	3	437	102	930

10	Manufacture of non metallic mineral products (Bricks, cement bricks, cement manufacturing and stone cutting and polishing etc.,)	23 9	275	2465	26	765	5	324	2	253	308	3807
11	Manufacture of structural metal products. (Iron doors, windows, shutters and other household metal equipments)	251	65	210	2	54	0	0	0	0	67	264
12	Maintenance and repair of motor vehicles (Motor vehicles repair shed)	45 2	162	472	0	0	4	262	3	2048	169	2782
13	Sale, maintenance and repair of motorcycles and related parts and accessories (Sale and maintenance/repair of two wheelers etc.,)	45 4	21	136	5	170	0	0	0	0	26	306
14	Retail sale in non-specialized stores (Fancy stores and other general stores)	471	154	385	2	72	0	0	0	0	156	457
15	Retail sale of food, beverages and tobacco in specialized stores (Kirana, Fruits and Vegetables and Wine shops etc.,)	47 2	896	2042	1	24	0	0	0	0	897	2066
16	Retail sale of other household equipment in specialized stores (Hardware, Furniture, Paints and Glass stores etc.,)	47 5	682	1644	1	22	0	0	0	0	683	1666
17	Retail sale of other goods in specialized stores (Cloth, Medical, Jewellery and Footwear shops etc.,)	47 7	1611	4116	14	443	3	184	0	0	1628	4743

18	Restaurants and mobile food services activities (Hotels and Restaurants)	56 1	208	1271	9	263	0	0	0	0	217	1534
19	Others (Not classified above)		2341	9353	82	2618	23	1659	36	12855	2482	26485
TOTAL			7145	24967	181	5738	48	3372	62	21095	7436	55172

Note:

1. Regd. manufacturing units under 2m(i) section of Factories Act are 10 or more workers with power and section 2m(ii) of Factories Act are 20 or more workers without power.
2. Under manufacturing sector, units of less than 10 workers with Power in Factories Act and other manufacturing units registered under Industries dept. and Labour dept.
3. MSME (Micro, Small and Medium Enterprises) Micro units defines that investment in Plant and Machinery not exceeding Rs. 25 lakhs, where as in Small it is more than Rs. 25 lakhs but not exceeding Rs. 5 crores, in Medium it is more than Rs. 5 Crores but not exceeding Rs. 10 Crores.

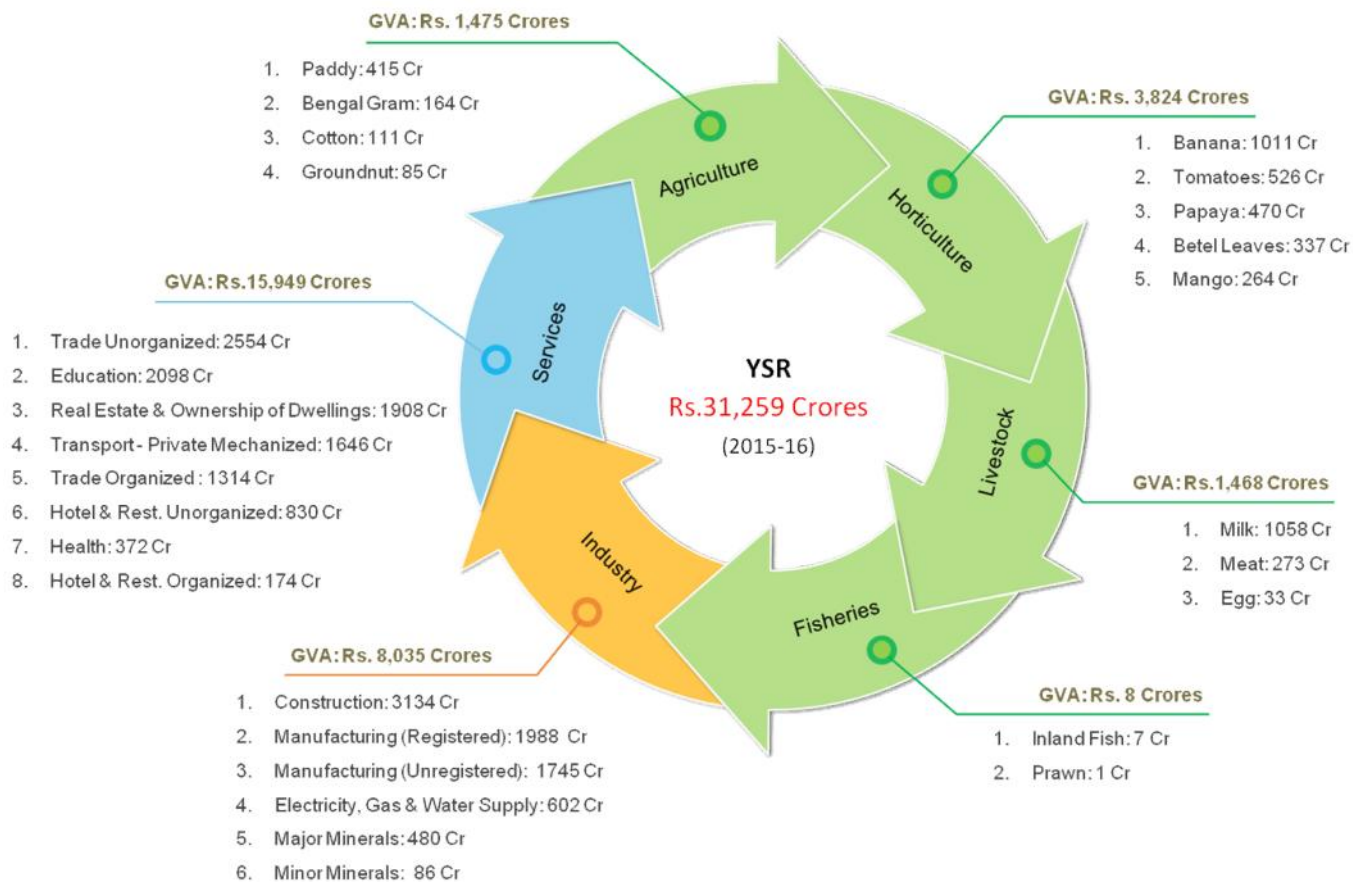
Additional Projects / Game changing initiatives**Projects in Progress**

- Inaugurated Pepsico with Rs. 1200 Cr. Investment on 03-04-2015.
- Inaugurated 11 companies on 03-04-2015 with investment Rs.1070 Crs. Like Hunter duglus Rs.250 Cr., West Pharma Rs.150 Cr. etc.,
- Foundation stone laid for 11 companies with Rs.765 Cr. investment.
- Upcoming Industries in Chittoor District – Rs. 10,450 Cr. investment
- NBPPL, Mannavaram – June, 2015 – 400 Cr.
- Colgate Palmolive – June, 2015 – 275 Cr.
- Cadbury – Aug, 2015 – 2500 Cr.
- ISUZU Motors – Jan, 2016 – 1500 Cr.
- NIMZ, Yerpedu – 31,050 Cr.

Double digit in Tourism is expected through

- Allotment of land to APTDC at Kanipakam.
- Allotment of 150 rooms to A.P. tourism or under control of A. P. tourism at Tirumala by TTD for tourist arriving through APTDC & other tourism departments when A. P. tourism is made as hub.
- Allotments of 50 break darshan tickets to A. P. tourism by TTD to enable us to operate international package tours for promotion of district tourism.
- Cancellation of darshan tickets allotted by TTD to all tourism departments and allot to A. P. tourism and A. P. tourism to act as hub and provide all facilities to other tourism Departments.
- A. P. tourism restaurant at Tirumala to be allotted space by TTD for providing quality and hygienic food to the tourists:
- Approach road to Chandragiri fort
- In Chittoor District there are many Temples nearby, on having Mini Coaches it is easy to operate daily package tours and generate lot of revenue to the tourism. With this even the temple revenue will be increased.
- Allotment of free counters at railway stations and bus stations for providing information on tourist destinations and facilities available.
- Tie-up with travel agents and developing new package tours covering 4-7 places

XI. YSR Kadapa District-Sector Wise Growth Engines GVA(Rs.Cr.) Targets for 2015-16



YSR - Subsector Wise DDP For Last 3 Years in Rs. Crores (Current Prices)



a. YSR Kadapa District Wise Growth Engines at Current Prices from 2014-15 & 2015-16 GVA (In Cr.)					
No.	Growth Engines	2014-15		2015-16	
		Production	GVA	Production	GVA
Agriculture (Production 'ooo tonnes)					
1	Bengalgram	47	116	67	164
2	Paddy	247	371	276	415
3	Groundnut	22	69	27	85
4	Cotton kapas	28	108	29	111
5	Sun flower	12	29	14	33
6	Maize	23	26	32	37
7	Jowar	19	22	22	25
8	Sesamum	5	37	6	42
	Remaining crops		524		563
	Total Agriculture		1302		1475
Horticulture(Production in tonnes)					
9	Banana	791000	859	878010	1011
10	Tomato	418289	447	464301	526
11	papaya	548015	399	608297	470
12	Betel Leaves (ooo's)	21437000	286	23795070	337
13	Mango	221938	225	246351	264
14	Turmeric	32000	176	35520	207
15	Bendi	94151	137	104508	162
16	Brinjal	90485	111	100438	130
17	Batavia	152483	94	169256	110
18	Lemon	51286	68	56927	80
19	Crossandra	960	36	1066	43
20	Onion	40000	23	44400	28
21	Sapota	11109	16	12331	19
22	Chrysanthemum	5244	16	5821	19
23	Chillies	3000	15	3330	18
24	Jasmine	615	15	683	18
25	Coriander	2290	14	2542	16
	Others		311		366
	Total Horticulture		3247		3824
c) Fishing (Production in Tonnes)					
26	Inland Fish (In Tonnes)	874	7	3606	7
27	Prawn (In Tonnes)	0	0	50	1
	Total Fishing	874	7	3656	8
d) Livestock					
28	Milk ('ooo MTs)	368	838	420	1058
29	Meat('ooo MT)	18	240	21	273
30	Egg (Crore No.)	14	30	14	33
	Others		113		105
	Total Livestock		1221		1468
e) Others (Forestry & Logging)			428		500
Total Agriculture and Allied Sector			6205		7275
II) INDUSTRY SECTOR					
31	Construction		2704		3134
32	Manufacturing- (Regd)		1716		1988
33	Manufacturing- (Un-Regd)		1506		1745
34	Electricity		485		562
35	Major Minerals		415		480
36	Minor Minerals		74		86
	Others		35		40
	Industries Sector		6935		8035
III) SERVICES SECTOR					
37	Trade - Un-Organised		2114		2554
38	Education		1737		2098
39	Ownership of Dwellings		1503		1816
40	Transport - Private Mechanised part		1362		1646
41	Trade -Organised		1088		1314
42	Hotels & Restaurants -Un-Organised		687		830
43	Health		308		372
44	Hotels & Restaurants -Organised		144		174
45	Real Estate		77		92
	Others		4183		5053
	Services Sector		13203		15949
Gross District Domestic Product			26343		31259

The 45 Growth Engines contribute 78.8% in the Total GDDP of 2015-16

b. YSR Kadapa District - Prospective Economic Activities

Manufacture of fabricated metal products, except machinery and equipment has provided the highest employment over other economic activities. Currently this sector is providing an employment to 5376 through 329 establishments. The rapid growth has been in retail sale of other goods in specialized stores, sale of other household equipment in specialized stores and manufacture of grain mill products, starches and starch products. Below are the district specific activities listed in sector wise.

1. Agriculture:

- An additional output of Rs.1746 crores by next Five Years is proposed with the following intervention
- Soil test based application of Micro nutrients, alternate cropping , foundation seed under Seed Village Programme (SVP) to create awareness to the farmers

2. Horticulture:

- An additional output of **Rs.1820 crores** in the next 5 years.
- Rejuvenation, Canopy management, Drip irrigation, Farm Ponds & Plastic Mulching & development of Horticulture hubs at selected potential Mandals.

3. Livestock:

- An additional output of **Rs. 1048 Crores** from Milk, Meat and Egg production during the next 5 years.
- Artificial Insemination, Calf rearing and Fodder Development Programmes.

4. Industries:

- Proposed to promote **710 industries** & additional investment of **39,434 cr.** to generate an additional **employment of 50,000.**
- Integrated Logistic Park under the Scheme of “Assistance to states for Infrastructure Development of Exports (ASIDE)”, to promote exports under Horticulture (**Rs.60 crores Investment**).
- Mega food park, Terminal Fruit market for fruits & vegetables (**Rs.268 crores of Investment**)
- Textile Park & Apparel Park
- Establishment of Coal based, Solar based & Bio-mass based power projects with an investment of **Rs.5800 crores** to generate adequate power & provide an **employment potential of 3634.**
- Barytes beneficiation & Cement Industries have scope for additional employment of **6000.**

5. Tourism:

- Under Tourism, innovative projects like Construction of the **SKYWALK** across the Gorge near Gandikota Fort (Rs.500 crores), wire rope suspension bridge across river Penna near Pushapagiri are proposed & Development of Ameen Peer Darga.

Economic activity-wise working registered manufacturing units under 2m(i) and 2m(ii) sections of factories act and other manufacturing msme units under factories act, industries department and shops and commercial establishments act (labour department)

Name of the District :
KADAPA

Sl. No	Economic Activity	3- NIC code digit	Workers size class								TOTAL	
			1-20		21-50		51-100		101 and above			
			No.ofEst s	No.of worker s	No.ofEst s	No.of worker s	No.ofEst s	No.of worker s	No.ofEst s	No.of worker s	No.ofEst s	No.of worker s
1	Processing and preserving of fruit and vegetables (Processing of Cashewnuts, Jams, Sauces, Pickles etc.,)	103	4	29	0	0	0	0	0	0	4	29
2	Manufacture of vegetable and animal oils and fats (Edible and non-edible oils	104	68	394	0	0	0	0	0	0	68	394
3	Manufacture of Dairy products (Milk products)	105	20	133	2	66	0	0	0	0	22	199
4	Manufacture of grain mill products, starches & starch products (Rice, Dall & Flour mills etc.)	106	126	621	1	50	0	0	0	0	127	671
5	Manufacture of other food products (Bakers, Sugar, Kandasari, Gur, Idoised Salt, Papads, and Noodles etc.,)	107	38	177	0	0	0	0	0	0	38	177
6	Manufacture of beverages (Mineral water, Ice, Softdrinks& liquors)	110	25	125	0	0	0	0	1	105	26	230
7	Manufacture of wearing apparel except wool apparel (Ready made garments)	141	81	183	0	0	0	0	0	0	81	183
8	Sawmilling and planing of wood (Saw Mills)	161	30	135	0	0	0	0	0	0	30	135
9	Printing & Service activities	181	30	119	0	0	0	0	0	0	30	119

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	related to Printing (Printing Press)											
10	Manufacture of non metallic mineral products (Bricks, cement bricks, cement manufacturing and stone cutting and polishing etc.,)	23 9	313	3089	11	325	0	0	5	1962	329	5376
11	Manufacture of structural metal Product. (Iron doors, windows, shutters and other household metal equipments)	251	1	2	0	0	0	0	0	0	1	2
12	Maintenance and repair of motor vehicles (Motor vehicles repair shed)	45 2	60	249	0	0	2	152	2	251	64	652
13	Sale, maintenance and repair of motorcycles and related parts and accessories (Sale and maintenance/repair of two wheelers etc.,)	45 4	45	228	1	27	2	130	0	0	48	385
14	Retail sale in non-specialized stores (Fancy stores and other general stores)	471	167	382	0	0	0	0	0	0	167	382
15	Retail sale of food,beverages and tobacco in specialized stores (Kirana, Fruits and Vegetables and Wine shops etc.,)	47 2	168	372	0	0	0	0	0	0	168	372
16	Retail sale of other household equipment in specialized stores (Hardware, Furniture , Paints and Glass stores etc.,)	47 5	462	1293	1	25	0	0	0	0	463	1318
17	Retail sale of other goods in specilized	47 7	629	1714	0	0	1	70	1	102	631	1886

	stores (Cloth, Medical, Jewellery and Footwear shops etc.,)											
18	Restaurants and mobile food services activities (Hotels and Restaurants)	561	79	393	0	0	0	0	0	0	79	393
19	Others		921	3888	17	601	11	867	10	3150	959	8506
	TOTAL		3267	13526	33	1094	16	1219	19	5570	3335	21409

Additional Projects / Game changing initiatives

Mines

- Barytes - There is need for the APMDC to exploit the World largest reserves of Barites in a Scientific Manner for the Economic growth of the AP State
- Limestone - There are in all 7 mining leases over a cumulative extent of 2958.457 Hectors in Kadapa district. There is immediate need to evolve appropriate policy to explore the huge Limestone reserves for significant Revenue to the AP Govt.

Tourism

- To build Gandikota as a tourist Hub

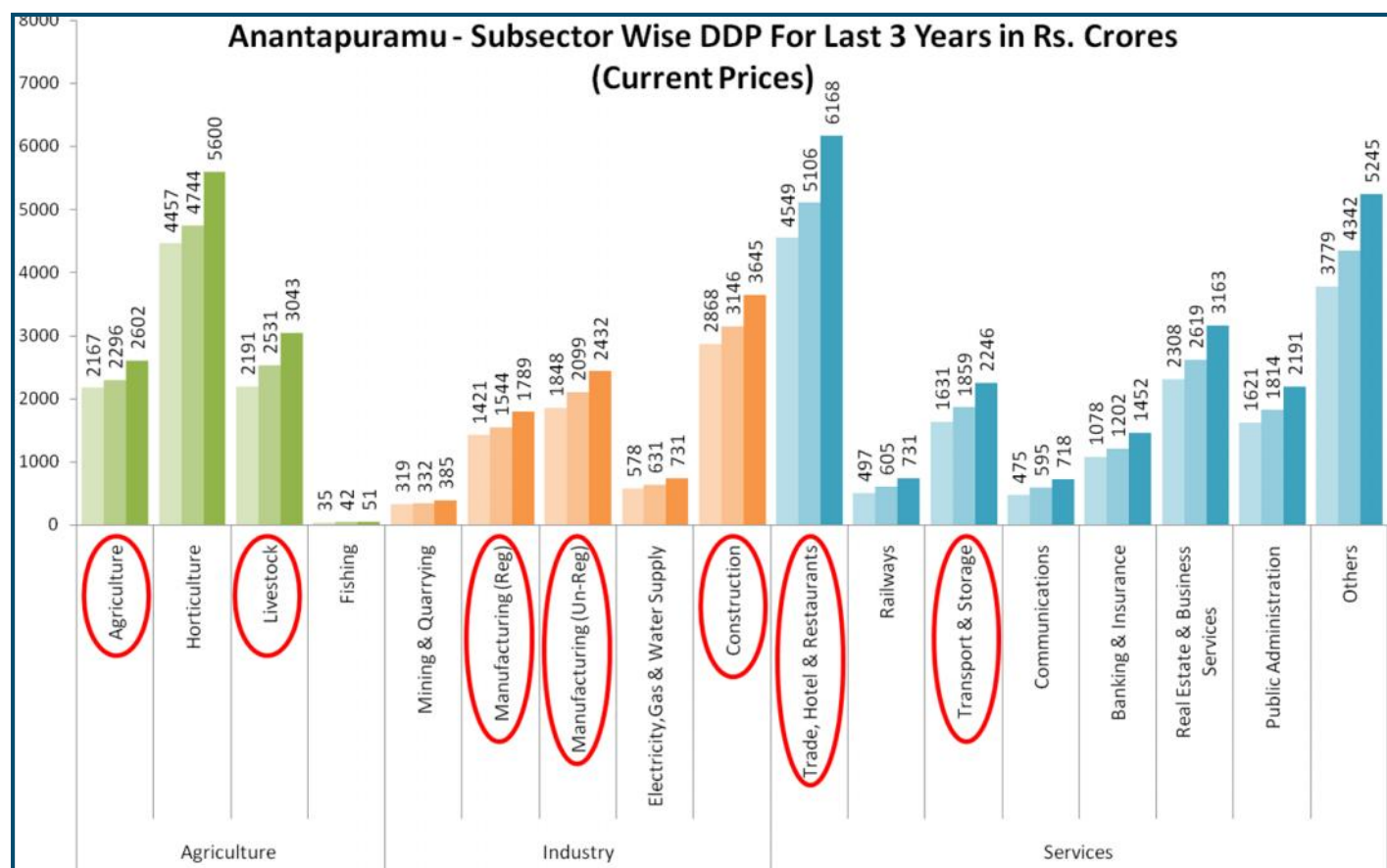
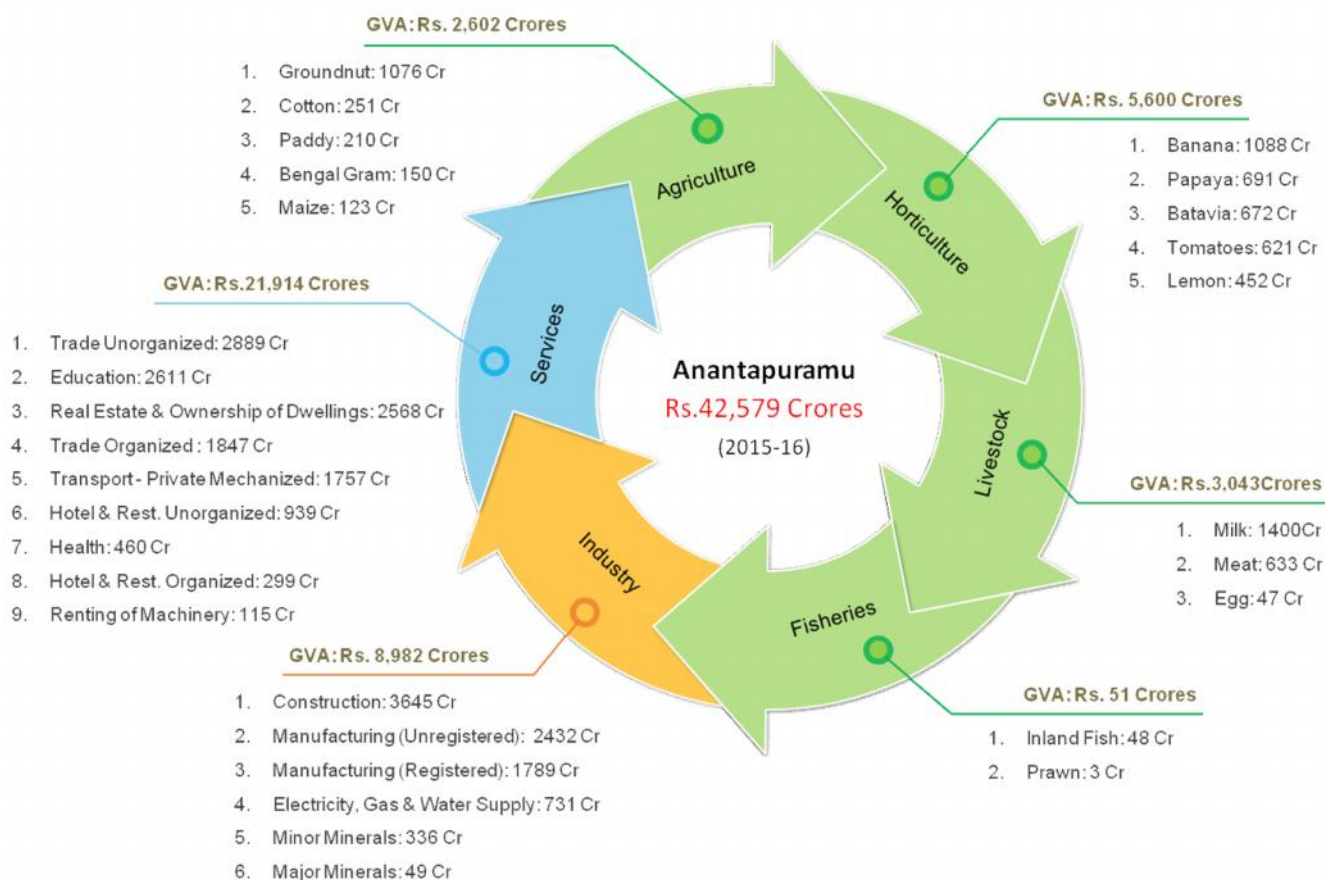
Chettu

- Under Chettu 2015-16, it is planned to take up following plantations in a big way in the District.
 - Horticulture Plantation
 - Bund Plantation
 - Road Avenue Plantation
 - Barren Hill Afforestation
 - Institutional Plantation
 - Block Plantation in CPR Lands
 - Tank Fore Shore Plantation.
- Teak, Red-Sanders and other species like Kanuga, Nidra Ganneru, Neem, Tella Maddi, etc are raised in DWMA & Forest Nurseries.
- Horticulture fruit bearing plants will be procured as per requirement from the approved Nurseries by the CRD.

Water Grid :

Under Water Grid 10 Reservoirs are identified in YSR District for covering a population of 20.30 lakhs in 50 Mandals including 9 Municipalities which requires an estimated amount of Rs. 4000.00 Crores.

XII. Anantapuram District-Sector Wise Growth Engines GVA_{RSCr} Targets for 2015-16



a. AnantapuramuDistrict Wise Growth Engines at Current Prices from 2014-15 & 2015-16 GVA (In Cr.)					
No.	Growth Engines	2014-15		2015-16	
		Production	GVA	Production	GVA
Agriculture (Production 'ooo tonnes)					
1	Groundnut	278	878	341	1076
2	Bengalgram	43	106	61	150
3	Paddy	125	188	140	210
4	Cotton kapas	63	244	65	251
5	Maize	76	88	107	123
6	Redgram	6	24	8	31
7	Sunflower	1	3	1	3
	Remaining crops		765		758
	Total Agriculture		2296		2602
Horticulture(Production in tonnes)					
8	Banana	656000	922	734720	1088
9	papaya	710914	585	796224	691
10	Batavia	842860	569	944003	672
11	Tomato	446009	526	499530	621
12	lemon	263938	383	295611	452
13	Mango	179969	200	201565	236
14	Chrysanthemum	47150	154	52808	182
15	Sapota	84021	132	94104	156
16	Brinjal	88514	120	99136	142
17	Bendi	53072	85	59441	101
18	Betel Leaves (ooo's)	5437686	77	6090208	90
19	Guava	37446	64	41939	75
20	Jasmine	2000	52	2240	62
21	Crossandra	960	40	1075	48
22	Onion	42000	34	47040	40
23	Grapes	7350	26	8232	30
	Others		774		913
	Total Horticulture		4744		5600
c) Fishing (Production in Tonnes)					
24	Inland Fish (In Tonnes)	5347	39	6984	48
25	Prawn (In Tonnes)	51	3	50	3
	Total Fishing	5398	42	7034	51
d) Livestock					
26	Milk ('ooo MTs)	623	1108	690	1400
27	Meat('ooo MT)	43	557	49	633
28	Egg (Crore No.)	19	43	20	47
	Others		822		963
	Total Livestock		2531		3043
e) Others (Forestry & Logging)			331		387
Total Agriculture and Allied Sector			9944		11683
II) INDUSTRY SECTOR					
29	Construction		3146		3645
30	Manufacturing- (Un-Regd)		2099		2432
31	Manufacturing-(Regd)		1544		1789
32	Electricity		564		653
33	Minor Minerals		290		336
34	Major Minerals		42		49
	Industries Sector		7752		8982
III) SERVICES SECTOR					
35	Trade - Un-Organised		2392		2889
36	Education		2162		2611
37	Ownership of Dwellings		2029		2451
38	Trade -Organised		1529		1847
39	Transport - Private Mechanised part		1455		1757
40	Hotels and Restaurants - Un-Organised		778		939
41	Health		381		460
42	Research & Development		279		337
43	Hotels and Restaurants -Organised		247		299
44	Real Estate		97		117
45	Renting of Machinery		95		115
	Others		6700		8093
	Services Sector		18142		21914
Gross District Domestic Product			35838		42579

The 45 Growth Engines contribute 73.9% in the Total GDP of 2015-16

b. Anantapuramu District - Prospective Economic Activities

Retail sale of other goods in specialized stores has provided the highest employment over other economic activities. Currently this sector is providing an employment to 7991 through 1158 establishments. The rapid growth has been in manufacture of non-metallic mineral products, retail sale of food, beverages and tobacco in specialized stores and sale of other household equipment in specialized stores. Below are the district specific activities listed in sector wise.

1. Agriculture:

- Enhancement of productivity and income of Growth Engines crops viz., Groundnut, Cotton, Red gram, Bengal gram, Paddy & Maize duly identifying gaps and through corrective measures. The expected income from this intervention is Rs.643.27 crores.
- Crop Diversification from Groundnut to Cluster Bean in an extent of 10000 Hec. Due to this intervention, Rs.13.75 Crores expected additionally during 2015-16.
- Promotion of Quinoa High Valued Crop in an extent of 1000 Hec., expecting Rs.87.5 crores additionally to GVA during 2015-16.
- Providing buildings and strengthening of the Insecticide laboratory with an estimated cost of Rs.80 lakhs, Fertilizer control order laboratories with an estimated cost of Rs.75 lakhs and Soil testing laboratory with an estimated cost of Rs.112 lakhs. The laboratories will help farmers to get increased net income by reducing to cost of cultivation. An amount of Rs. 208 crores will add to District GDP.

2. Horticulture:

- With the intervention of High Valued Horticulture crops providing Micro Irrigation, Plastic Mulching farm ponds, Shade net houses, Poly houses, Providing Cold Storages, Processing Units, marketing facilities like Terminal and Retail Market facilities, an additional GVA of Rs.749 Crores may be added to the DDP during 2015-16.
- **Area Expansion:** Proposed to bring 10,000 Ha additional area under High Value horticulture crops like T.C. Banana, Papaya, Pomegranate, Grape, Vegetables and Melons as against the existing area of 26,735 Ha during the year 2015-16. The additional income expected during the year 2015-16 is Rs.268.50 crores
- **Application of Micronutrients:** Most of the Horticultural crops are showing Micronutrient deficiency symptoms and causing reduction in yields up to 20% of the normal yield. With the intervention of application of Micronutrients, the additional income of Rs.132.50 crores will be generated. sweet orange Rs.60 crores, banana Rs.20 crores, papaya Rs.12.50 crores, Pomegranate Rs.15 crores will contribute additional income due to application of micronutrients.
- **Micro Irrigation:** At present micro irrigation is contributing Rs.1413 crores covering 82250 Ha. During the year 2015-16, it is proposed to cover 15,000 Ha. of Horticulture crops under micro irrigation which may add value addition of Rs.225 crores.
- **Plastic Mulching:** As the Plastic Mulching usage is giving tremendous impact on water saving and productivity enhancement in addition to the quality improvement proposed to provide mulching for 10,000 Ha. of high value Horticulture crops during 2015-16. The expected additional income is Rs.37.50 crores.
- **Farm ponds:** The unit of farm pond provides life saving irrigation to get save the crop and good returns from the existing crops. At present, there are about 300 units in the district. 1000 Farm ponds are proposed during 2015-16 to save the 5000 Ha. of Perennial Horticulture crops by providing life saving irrigation during summer months in convergence with NREGS. The income expected would be Rs.30 crores.
- **Shade Net Houses and Poly Houses:** Providing high quality F1 Hybrid Seedlings to the farmers by growing in portrays in Shade Net Houses.
- **Cold Storages, Ripening Chambers and Processing Units:** To reduce the post harvest losses from present 25 - 30% to 15-20% by establishing cold chains and minimal processing units.

3. Marketing:

- Proposed to establish terminal market at Ananthapuramu supporting with cold storages, ripening chambers, grading, packing, labeling units, covered sheds, drying platforms, whole sale and sub whole sale shops with an investment of Rs.30 crores. Which may benefit 1,00,000 farmers apart from providing employment to 2000 persons.
- Proposed to establish retail outlets in urban areas and promoting of income generating activities through a sale of fruits and vegetables by involving self help groups.
- Proposed to establish fruits, Garments, Handicrafts high way Bazars at three places pamidi, penukonda, kodikonda cross to promote income generating activities and thereby to enhance value addition to DDP.

4.Live Stock:

- Enhancement of Milk Production by providing high Yield milch animals , Supply of Breeding rams will enhance the slaughter range by 68%,there is 100% enhancement of income to the farmer.
- Supply of Superior quality fodder seed to the needy farmers, promoting tank bed cultivation, promoting Azolla.
- During the year 2015-16, an amount of Rs.401 Crores excepted additionally to GVA at 10% growth rate by improving Milk, Meat & Egg production under Livestock sector.

5.Industries:

- There is a scope for Power loom weaving clusters at Hindupur with an investment of Rs.75 crores which generates Employment to about 20,000 families with value addition of Rs.350 crores.
- There is a scope for Hand loom weaving clusters; Modern Technical Training Centre in 100 acres on silk dyeing and weaving with an estimated cost of Rs.50 crores. Training can be provided to 7500 persons per year under skill development.
- There is a scope for Establishment of New Industries like Iron, Steel and Rolling Plant with an investment of Rs.10,000 Crores with employment provision of 23,000 employees and value addition of Rs.15,000 crores.
- General Engg. Workshops in Tadipatri with Rs.50 Crores which provides employment to 3000 persons with value addition of Rs.120 crores.
- Scope for 204 additional Readymade garments units with investment of Rs.84 crores, employment opportunities to 6450 persons in next 3 years and value addition of Rs. 300 Crores.
- Concentration on MSME sector units for effective increase of overall turnover to more than 10%. During the current year 2015-16 ,an amount of Rs.200 Crs excepted from MSME units (Un-registered), Rs. 205 Crs from Registered units additionally to District DDP.

6.Solar& Wind Projects:

- Proposed for establishment of New Solar Projects at N.P.Kunta (250 M.W.) through NTPC with provision of 83.16 crore units power generation and 212 mw projects through Private developers at Hindupur (90 M.W.), Mudigubba (30 M.W.), Dharmavaram (44 M.W.) and Tadipatri (50 M.W.). It is expected to get Rs.498.96 crores from out of this intervention.
- Proposed Wind Power Projects with 500 (M.W.) in different wind locations with power generation provision of 108 crore units and Rs.486 crores value addition to GDDP during the year 2015-16.

7.Tourism:

- The District having a Historical Temples, Monuments, Forts, Spiritual modern City Puttaparthi Etc., There is a lot of Potentiality to generate income and Employment to Ruralities.
- Tourist Hubs at Lepakshi, Development of Forts of Gooty, Penukonda and Rayadurg. Development Community based Tourism activities viz., Silk Industry, Puppet manufacturing industries at Dharmavaram, Hindupur, Uravakonda, Yadiki etc.,.

Achieving Double Digit Inclusive Growth – A Rolling Plan 2015-16

ECONOMIC ACTIVITY-WISE WORKING REGISTERED MANUFACTURING UNITS UNDER 2m(i) and 2m(ii) SECTIONS OF FACTORIES ACT AND OTHER MANUFACTURING MSME UNITS UNDER FACTORIES ACT, INDUSTRIES DEPARTMENT AND SHOPS AND COMMERCIAL ESTABLISHMENTS ACT (LABOUR DEPARTMENT)

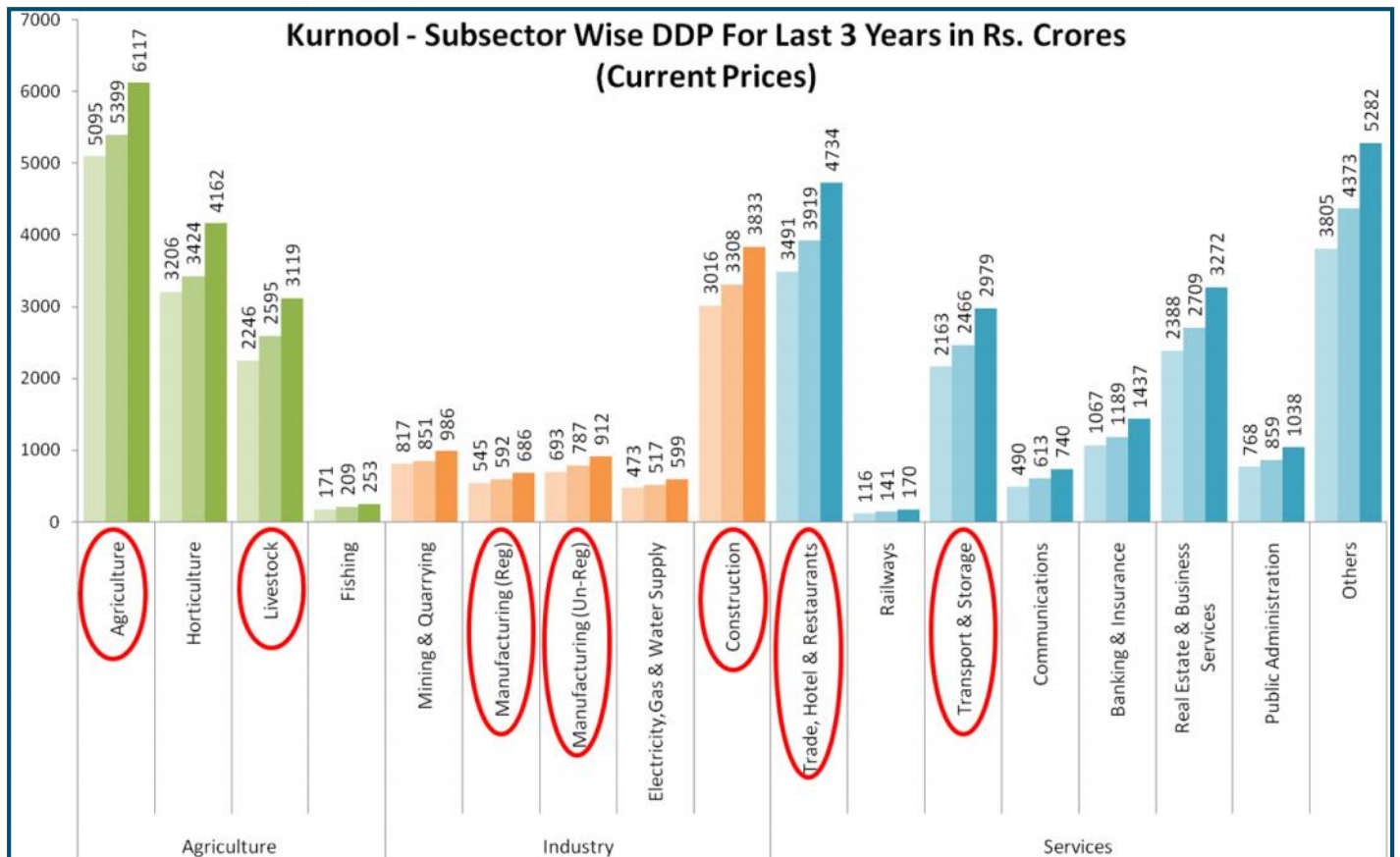
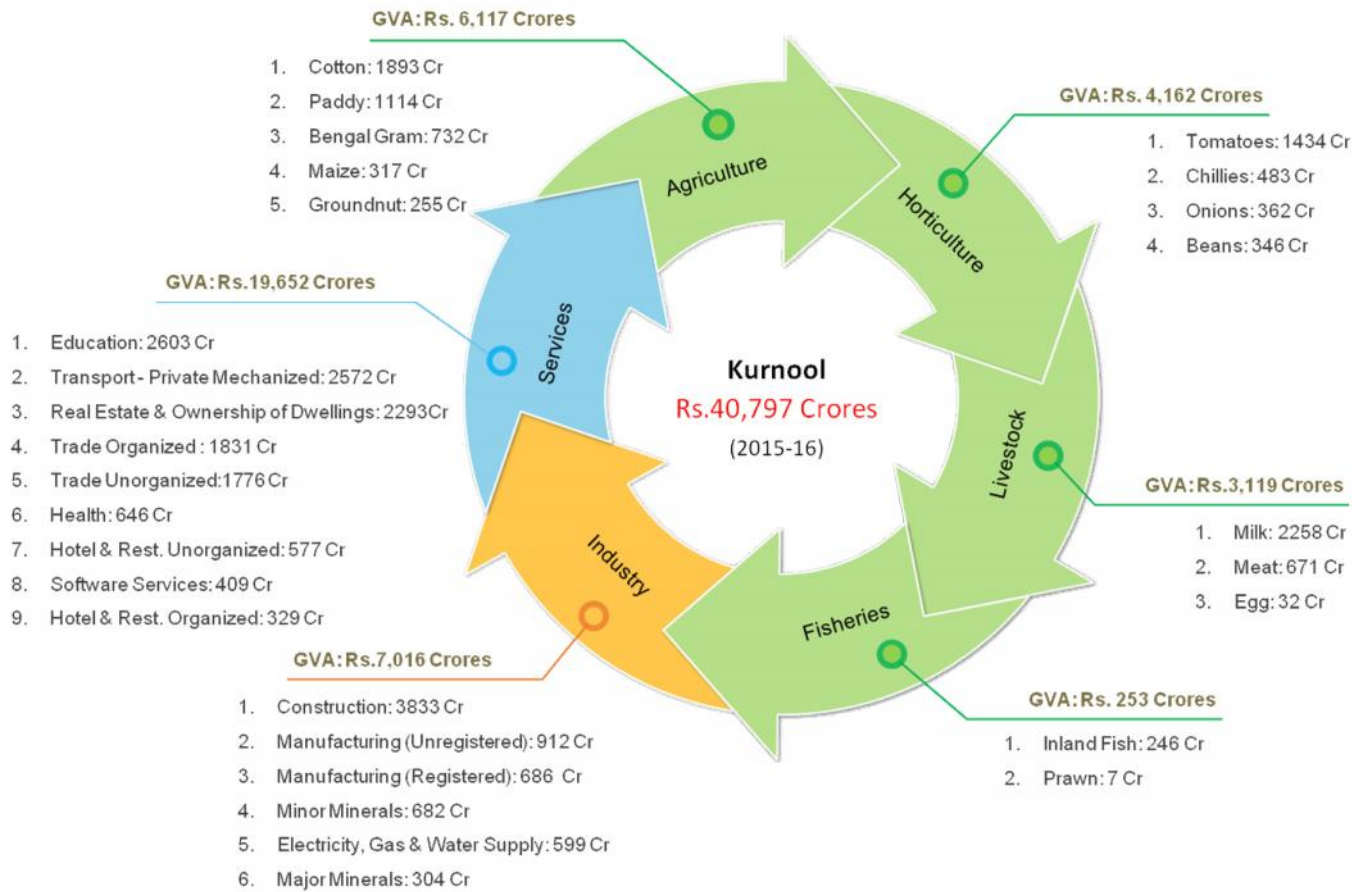
Name of the District :ANANTAPURAM

Sl. No	Economic Activity	3-digit NIC code	Workers size class								TOTAL	
			1-20		21-50		51-100		101 and above			
			No.of Ests	No.of workers	No.of Ests	No.of workers	No.of Ests	No.of workers	No.of Ests	No.of workers	No.of Ests	No.of workers
1	Support activities to agri. and post harvest activities (Cotton ginning & Seed processing etc.,)	016	1	20	0	0	0	0	0	0	1	20
2	Processing and preserving of fruit and vegetables (Processing of Cashewnuts, Jams, Sauces, Pickles etc.,)	103	26	163	3	85	0	0	0	0	29	248
3	Manufacture of vegetable and animal oils and fats (Edible and non-edible oils	104	67	251	2	46	0	0	0	0	69	297
4	Manufacture of Dairy products (Milk products)	105	11	71	1	30	0	0	0	0	12	101
5	Manufacture of grain mill products, starches & starch products (Rice, Dall & Flour mills etc.)	106	295	943	1	24	0	0	0	0	296	967
6	Manufacture of other food products (Bakers, Sugar, Kandasari, Gur, Idoised Salt, Papads, and Noodles etc.,)	107	122	330	1	24	3	267	0	0	126	621
7	Manufacture of beverages (Mineral water, Ice, Softdrinks& liquors)	110	33	122	0	0	0	0	0	0	33	122
8	Manufacture of wearing apparel except wool apparel (Ready made garments)	141	216	695	0	0	1	60	0	0	217	755
9	Sawmilling and planing of wood (Saw Mills)	161	69	298	0	0	0	0	0	0	69	298
10	Printing & Service activities related to Printing	181	89	212	0	0	1	66	2	355	92	633

Achieving Double Digit Inclusive Growth – A Rolling Plan 2015-16

11	Manufacture of non metallic mineral products (Bricks, cement bricks, cement manufacturing and stone cutting and polishing etc.,)	239	299	2090	2	57	0	0	3	1148	304	3295
12	Manufacture of structural metal products. (Iron doors, windows, shutters and other household metal equipments)	251	120	337	2	59	0	0	0	0	122	396
13	Maintenance and repair of motor vehicles (Motor vehicles repair shed)	452	46	153	0	0	1	70	0	0	47	223
14	Sale, maintenance and repair of motorcycles and related parts and accessories (Sale and maintenance/repair of two wheelers etc.,)	454	80	289	1	40	0	0	0	0	81	329
15	Retail sale in non-specialized stores (Fancy stores and other general stores)	471	63	181	0	0	0	0	0	0	63	181
16	Retail sale of food,beverages and tobacco in specialized stores (Kirana, Fruits and Vegetables and Wine shops etc.,)	472	776	1879	1	31	2	147	1	342	780	2399
17	Retail sale of other household equipment in specialized stores (Hardware, Furniture , Paints and Glass stores etc.,)	475	630	1468	1	22	0	0	1	1000	632	2490
18	Retail sale of other goods in specialized stores (Cloth, Medical, Jewellery and Footwear shops etc.,)	477	1156	2961	1	30	0	0	1	5000	1158	7991
19	Restaurants and mobile food services activities (Hotels and Restaurants)	561	145	664	0	0	0	0	0	0	145	664
20	Others		1588	6375	41	1331	15	1103	24	9208	1668	18017
TOTAL			5832	19502	57	1779	23	1713	32	17053	5944	40047

XIII. Kurnool District-Sector Wise Growth Engines GVA(Rs.Cr.) Targets for 2015-16



a. Kurnool District Wise Growth Engines at Current Prices from 2014-15 & 2015-16 GVA (In Cr.)					
No.	Growth Engines	2014-15		2015-16	
		Production	GVA	Production	GVA
Agriculture (Production 'ooo tonnes)					
1	Cotton kapas	476	1841	489	1893
2	Paddy	663	997	741	1114
3	Bengalgram	210	517	297	732
4	Groundnut	66	208	81	255
5	Maize	196	226	276	317
6	Jowar	133	184	151	209
7	Tobacco	11	126	12	138
8	Red gram	22	87	28	113
9	Sun flower	11	33	12	37
10	Castor	18	53	20	60
	Remaining crops		1126.9		1249
	Total Agriculture		5399		6117
Horticulture(Production in tonnes)					
11	Tomato	909385	1180	1054887	1434
12	Chillies	45000	397	52200	483
13	Onions	493000	298	571880	362
14	Beans	87647	285	101671	346
15	Turmeric	37000	176	42920	214
16	Brinjal	106577	159	123629	193
17	Mango	120160	145	139386	177
18	Bendi	81717	145	94792	177
19	Banana	97000	108	112520	132
20	Batavia	77382	57	89763	69
21	Jasmine	1250	35	1450	43
22	Leman	21998	34	25518	41
23	Crossandra	640	30	742	36
24	Papaya	29570	27	34301	32
	Others		348		422
	Total Horticulture		3424		4162
c) Fishing (Production in Tonnes)					
25	Inland Fish (In Tonnes)	27642	205	28240	246
26	Prawn (In Tonnes)	149	4	138	7
	Total Fishing	27792	209	28378	253
d) Livestock					
27	Milk ('ooo MTs)	811	1789	900	2258
28	Meat('ooo MT)	45	590	52	671
29	Egg (Crore No.)	13	29	13	32
	Others		187		158
	Total Livestock		2595		3119
e) Others (Forestry & Logging)			409		478
Total Agriculture and Allied Sector			12036		14129
II) INDUSTRY SECTOR					
30	Construction		3308		3833
31	Manufacturing-(Un-Regd)		787		912
32	Minor Minerals		589		682
33	Manufacturing-(Regd)		592		686
34	Electricity		486		563
35	Major Minerals		262		304
	Others		31		36
	Industries Sector		6055		7016
III) SERVICES SECTOR					
36	Education		2155		2603
37	Transport - Private Mechanised part		2130		2572
38	Ownership of Dwellings		1779		2149
39	Trade -Organised		1516		1831
40	Trade - Un-Organised		1471		1776
41	Health		535		646
42	Hotels & Restaurants -Un-Organised		478		577
43	Software Services		338		409
44	Hotels & Restaurants -Organised		273		329
45	Real Estate		119		144
	Others		5476		6615
	Services Sector		16269		19652
Gross District Domestic Product			34360		40797

The 45 Growth Engines contribute 78.04% in the Total GDDP of 2015-16

b. Kurnool District - Prospective Economic Activities

Manufacture of non-metallic mineral products has provided the highest employment over other economic activities. Currently this sector is providing an employment to 9224 through 1391 establishments. The rapid growth has been in retail sale of other goods in specialized stores, sale of other household equipment in specialized stores and manufacture of beverages. Below are the district specific activities listed in sector wise.

1. Agriculture:

- An additional GVA of Rs.718.00 crores may be added to the DDP by 2015-16
- Additional area of 1.90 lakh Hects under Cotton crop
- Maize an alternate in place of Groundnut and Bengal gram crops
- Promotion of alternative crops like Red gram and other minor millets and pulse crops during the Rabi season
- Applying micronutrients soil test based fertilizer application and 100% utilization of farm machinery.
- Effective Water Management through Sprinklers and Farm Ponds.

2. Horticulture:

- An additional GVA of Rs.728 crores may be added to the DDP by 2015-16
- Tissue culture banana with drip irrigation and fertigation with soluble fertilizers, enhancing area
- Increase the yield of pomegranate, Papaya and Tomato by introducing new varieties with micro irrigation, mulching and application of micro nutrients.

3. Livestock:

- An additional GVA of Rs.524 crores may be added to the DDP by 2015-16
- Distribution of milch animals for Milk Production will be increased
- Conducting of fertility camps supply of cattle feed and mineral mixture, taking up of calf rearing programs and fodder development programmes

4. Industries:

- An additional GVA of Rs.961 crores may be added to the DDP by 2015-16
- 11390 acres of land identified for mega industrial hub with an investment of Rs.23237 crores and employment to 32477 persons.
- Installing Wind and Solar power projects of 115.75 MW capacity is started at Kolimigundla Mandal
- Possibility of 9 cement plants with an investment of Rs.12105 crores with employment of 6000 persons at Kolimigundla mandal
- 6 sponge iron plants with investment of Rs.15000 crores with employment 3625 persons at Halaharvi and veldurty mandals
- Scope for garmenting industry at Adoni and Yemmiganur mandals with an investment of Rs.24.00 crores and employment to 3000 persons

5. Tourism:

- Tourism by establishing the tourism corridor at Srisailam, Mahanandi and Ahobilam and development of Eco & Adventure tourism at Orvakal.

ECONOMIC ACTIVITY-WISE WORKING REGISTERED MANUFACTURING UNITS UNDER 2m(i) and 2m(ii) SECTIONS OF FACTORIES ACT AND OTHER MANUFACTURING MSME UNITS UNDER FACTORIES ACT, INDUSTRIES DEPARTMENT AND SHOPS AND COMMERCIAL ESTABLISHMENTS ACT (LABOUR DEPARTMENT)

Name of the District : KURNOOL

Sl. No	Economic Activity	3- NIC code digit	Workers size class								TOTAL	
			1-20		21-50		51-100		101 and above			
			No.of Ests	No.of workers	No.of Ests	No.of workers	No.of Ests	No.of workers	No.of Ests	No.of workers	No.of Ests	No.of workers
1	Support activities to agrl. and post harvest activities (Cotton ginning & Seed processing etc.,)	016	61	466	8	218	0	0	0	0	69	684
2	Processing and preserving of fruit and vegetables (Processing of Cashewnuts, Jams, Sauces, Pickles etc.,)	103	9	30	1	21	0	0	0	0	10	51
3	Manufacture of vegetable and animal oils and fats (Edible and non-edible oils	104	98	442	2	66	0	0	0	0	100	508
4	Manufacture of Dairy products (Milk products)	105	22	122	0	0	1	59	0	0	23	181
5	Manufacture of grain mill products, starches & starch products (Rice, Dall & Flour mills etc.)	106	265	1313	10	261	0	0	0	0	275	1574
6	Manufacture of other food products (Bakers, Sugar, Kandasari, Gur, Idoised Salt, Papads, and Noodles etc.,)	107	83	272	0	0	0	0	0	0	83	272
7	Manufacture of beverages (Mineral water, Ice, Softdrinks& liquors)	110	38	145	0	0	0	0	0	0	38	145
8	Manufacture of wearing apparel except wool apparel (Ready made garments)	141	67	215	0	0	0	0	0	0	67	215
9	Sawmilling and planing of wood (Saw Mills)	161	52	232	1	30	0	0	0	0	53	262
10	Printing & Service activities related to Printing (Printing Press)	181	101	292	1	25	0	0	0	0	102	317
11	Manufacture of non metallic mineral products (Bricks, cement bricks, cement	239	1383	7184	5	145	0	0	3	1895	1391	9224

	manufacturing and stone cutting and polishing etc.,)											
12	Manufacture of structural metal products. (Iron doors, windows, shutters and other household metal equipments)	251	47	139	1	50	0	0	0	0	48	189
13	Maintenance and repair of motor vehicles (Motor vehicles repair shed)	452	67	260	0	0	0	0	0	0	67	260
14	Sale, maintenance and repair of motorcycles and related parts and accessories (Sale and maintenance/repair of two wheelers etc.,)	454	128	569	4	127	0	0	0	0	132	696
15	Retail sale in non-specialized stores (Fancy stores and other general stores)	471	116	243	0	0	0	0	0	0	116	243
16	Retail sale of food, beverages and tobacco in specialized stores (Kirana, Fruits and Vegetables and Wine shops etc.,)	472	510	1341	0	0	0	0	0	0	510	1341
17	Retail sale of other household equipment in specialized stores (Hardware, Furniture, Paints and Glass stores etc.,)	475	630	1887	0	0	0	0	0	0	630	1887
18	Retail sale of other goods in specialized stores (Cloth, Medical, Jewellery and Footwear shops etc.,)	477	1029	2698	0	0	1	53	0	0	1030	2751
19	Restaurants and mobile food services activities (Hotels and Restaurants)	561	168	893	0	0	0	0	0	0	168	893
20	Others (Not classified above)		1951	8247	19	544	4	302	10	3367	1984	12460
TOTAL			6825	26990	52	1487	6	414	13	5262	6896	34153

Note: 1. Regd. manufacturing units under 2m(i) section of Factories Act are 10 or more workers with power and section 2m(ii) of Factories Act are 20 or more workers without power.
2. Under manufacturing sector, units of less than 10 workers with Power in Factories Act and other manufacturing units registered under Industries dept. and Labour dept.
3. MSME (Micro, Small and Medium Enterprises) Micro units defines that investment in Plant and Machinery not exceeding Rs. 25 lakhs, where as in Small it is more than Rs. 25 lakhs but not exceeding Rs. 5 crores, in Medium it is more than Rs. 5 Crores but not exceeding Rs. 10 Crores.

Additional Projects / Game changing initiatives

INDUSTRIES

Industrial Hubs – Proposed Developments

1. **APIIC Industrial Park at ORVAKAL :**
 - Total land : 13,000 acres
 - GO is issued for 10,700 acres of govt land
 - Balance land – private and DKT – to be completed in two months
2. **IIIT**
 - GO issued for handing over 124 acres accepted by Site Selection Committee of GOI – will be handed over today
3. **NOAR (DRDO):**
 - Total Land requisitioned : 2989.00 Acres.
 - GO issued for Govt land : 2721.98 Acres – will be handed over
 - Balance land – patta land – 131.41 Acres and DKT : 135.65 Acres- LA process started and will be completed by 12/15
4. **Maize processing unit at Food Park at Tangadancha:**
 - M/s Gujarat Ambuja Exports
 - 1000 TPD of Maize processing
 - Emp : 3,000
5. **Railway Mid- Life Coach Factory at Panchalingala near Kurnool City:**
 - Dept of Railways
 - Land is acquired – award passed – final payment will be made in this week and land will be handed over to Railways by end of May.
6. **Solar Park by Solar Power Corporation of AP:1000 MW**
 - Total Land : Ac. 5094.45 cents
 - Handed over of Govt land: Ac. 3257.81 cents
 - Balance land : Patta land – 543.84 & DKT – 1292.80
 - Negotiations with farmers successful and process will be completed by end of May.

Projects - Under Process

1. DPR awaited for Jain Irrigation (Land requirement = 700 acres).
2. Survey is in process for Shanti Ram Chemicals (Land requirement is 150 acres).
3. 3,000 acres of land is required for Projects on renewable energy.
4. 1,000 acres of land is required for Nuclear Fuel Complex (Proposals submitted to Government).
5. Cement Hub at Kolimigundla (Ramco, Prism and Ultratech).
6. Govt. has allotted 100 acres for Textile Park at Banavasi and requires infrastructure development

Part –IV

Capacity Building

CAPACITY BUILDING OF THE PERSONNEL

The capacity of human resources determine the pace and manner in which governance unfolds. Capable and motivated personnel ensure that policies and measures initiated by the government unfold successfully. Moreover training and orientation is needed to keep government employees abreast of the technological and procedural changes unfolding in the system. Keeping this in mind varied capacity building and orientation programmes were initiated to enhance the capabilities of the employees.

Orientating the Capacities of Department Officials – Induction Program at Indian School of Business

A Mission Induction Programmes by corporate trained faculty at ISB for senior and mid-level officers associated with the missions and the line departments across the government sought to enable senior bureaucracy embrace new models of public management, upgrade their own capabilities to manage change, demonstrate strategic thinking and leadership, deal with constant shift of priorities, balance multiple objectives, and develop effective partnerships. This two day programmes provided the learning initiative around the mission, create a “Think Tank” of a group of stakeholders, who can make a difference in this sector and act as change agents. This aided the group in learning ways of arriving at consensus, prioritizing agenda, motivating for results, developing plans and devising a comprehensive strategy and future course of action.

Taking the State Machinery Ahead

A Mission Induction Programmes for senior and mid-level officers associated with the missions and the line departments across the government was conceptualized and initiated at ISB under the guidance of Hon. Chief Minister of AP Shri Chandrababu Naidu by the Planning Department of GoAP. Eight two day in house Mission induction Programmes for sectors like Higher Education, Tourism, Primary Sector, Skill Development, Infrastructure, Social Empowerment, Urban Sector and Industry were conducted at ISB in the period between 17 February and 30th April.

Key Deliverables of the Programme

The key focus of the programme was to orient and enable the officials towards developing a coordinated mission-based strategy and mode of functioning. It focused on issues like:

- Familiarization of Mission’s vision, plans and strategy, Present the Big Picture , Changing environment
- Facilitate outsider – insider transition in an integrated manner
- Create an integrated team to advise, guide and handhold the mission projects
- Learn and unlearn the practices to lead the mission led growth model for Swarna Andhra Vision 2022 & 2029
- Define and design key learning interventions in line with mission objectives

The programmes focused on enabling mission teams to acquire next level competencies to translate the mission’s larger goals to action plans and to sensitize them a multi-dimensional management

approach. It oriented the officials towards measures like and the core deliverables of the programmes included:

- Organizing mission plans
- Focusing on high priority agenda of the missions
- Define the required processes and capabilities
- Create leadership and motivation to enhance the performance
- Understanding Change and Managing Complexity
- Time management for effectiveness
- Translation of Mission Goals to Implementation & Execution Plans
- Developing Follow up Plans
- Developing a Learning Culture
- Developing Online Portal for all Missions
- Strategy for Future course of action



Thinking Ahead

ISB team has proposed that it will conduct periodic diagnostic conversations with the Mission heads to develop customized learning solutions that are oriented to meet Mission specific requirements and those that can be offered across the missions for the coming year.

Key Recommendations

- Define and design key learning interventions in line with mission objectives
- Enable mission teams to acquire next level competencies to translate the mission's larger goals to action plans and to sensitize them on a multi-dimensional management approach
- Create leadership and motivation and Understanding of Change and Managing Complexity to enhance the performance
- Periodic diagnostic conversations with the Mission heads to develop customized learning solutions that are oriented to meet Mission specific requirements
- Strengthening the capacities of the functioning of missions through trainings on both Mission specific and generic management oriented themes that run across all missions

Behavioral Change – Spiritual Intervention by Isha Foundation

INFUSING A POSITIVE ATTITUDE IN THE GOVERNMENT MACHINERY AND MOTIVATE THEM TO PERFORM TO THE BEST OF THEIR ABILITIES HAS BEEN A KEY HUMAN DEVELOPMENT MEASURE THAT THE PRESENT GOVERNMENT HAS BEEN KEEN TO STRENGTHEN. Inner engineering was offered as an intensive program for personal growth that helped to explore the higher dimensions of life and offered tools to engineer one's self through the inner science of yoga. Participants learned the powerful shambhavi maha mudra, which can help employees relax and enhance their productivity, manage health issues, enhance creativity and problem-solving skills that can ensure better interpersonal relationships resulting in more cohesive and effective teams.

Inner Engineering

Inner Engineering was offered as an intensive program for personal growth exclusively for the Hon'ble CM and the Andhra Pradesh Gov't officials. The Hon'ble Chief Minister, Ministers, IAS, IFS, IPS, ZC Chairpersons, Mayors, Collectors, and selected others attended the 3 day event. The program and its environment helped to establish the possibility to explore the higher dimensions of life and offered tools to engineer one's self through the inner science of yoga. The program also taught approaches for meaningful and fulfilling relationships at work, home, community, and most importantly, within one's self. Through the 3 day program, participants learned the powerful Shambhavi Maha Mudra, which when practiced regularly can offer the following benefits:

- Focused and relaxed employees functioning at their fullest potential
- Reduction of health issues resulting in lower healthcare costs and reduced absenteeism
- Greater creativity and problem-solving skills as well greater motivation to accomplish goals
- Better interpersonal relationships resulting in more cohesive and effective teams
- Greater job satisfaction leading to higher productivity

Program Details

Isha Foundation programme focused on enhancing life skills and stress management for joyful living. It was also decided that Isha Foundation, ISB and the state government will team up to conduct a HRD exercise. Government top brass along with officials, MLAs and district-level officers took part in the training programme. The three day yoga and interaction session in which participants were taught Sambhavi Mudra was followed up by practice correction sessions were held on Feb 5 & 6th, and March 29th, 2015 which was attended by approximately 30 people. Additionally private correction sessions were conducted for an additional 20+ officials over the next two to three months, in Hyderabad, Vijayawada, Rajamahendravaram, Guntur, and Visakhapatnam.

Project Green Lands

During the second day of the yoga and meditation classes by spiritual guru Jaggi Vasudev, the attending officials were shown a documentary, Project Green Hands, a campaign to prevent and reverse environmental degradation and enable sustainable living. The project, taken up by Isha Foundation, aims to create 10 per cent additional green cover in Tamil Nadu. Andhra Pradesh Chief Minister Shree N. Chandrababu Naidu impressed by the work done by the Isha Foundation in Tamil Nadu on increasing Green Cover urged Jaggi Vasudev of Isha Foundation to help AP in its project to

enhance green cover to 33 per cent in the next five years. Isha Foundation agreed to support AP in increasing its green cover on the lines of Tamil Nadu.

Road Ahead

Isha Foundation proposes to conduct Inner Engineering program in a 7 day, 3 hour a day format to each Department of the AP Gov't officials starting in August, 2015, to ensure a strong team of highly energized, healthy and focused individuals working for the creation of the new state.

Key Recommendations

- Enhance life skills and stress management for joyful living.
- Isha Foundation, ISB and the state government to team up to conduct a HRD exercise
- Teach approaches for meaningful and fulfilling relationships at work, home, community, and most importantly, within one's self
- Conduct Inner Engineering program in a 7 day, 3 hour a day format to each Department of the AP Gov't officials starting in August, 2015, generate motivated individuals




Workshops by Knowledge Partner of Primary Sector - ICRISAT

Primary sector as a whole is being taken in as a critical focus area for transforming the fortunes of the agriculture sector in the state in a holistic manner. By taking ICRISAT as a knowledge partner, the primary sector mission has initiated major steps – through concerted discussion of strategies and outcomes with key stakeholders at several workshops to usher in a development oriented environment in the sector.

Mission Strategy: Four ICEs

Innovative strategy of 4 ICEs as indicated below will be implemented to transform the primary sector through scientific development to increase production, productivity and profitability for the farmers as well as the state through sustainable intensification. The mission has made all efforts to incorporate inputs from varied stakeholders to create strategy that is participatory and comprehensive mission. Three workshops were conducted to ascertain and gain views and observations from varied segments and specialists.

	I	C	Es
	Innovate	Convergence	Efficiency
	Inclusive	Collective	Equity
	Intensive	Consortium	Environment Protection
	Integrated	Capacity building	Economic gain

Workshop I - Team building and planning workshop (25-26 March 2015)

A team building and planning workshop was organised jointly by the Government of Andhra Pradesh and ICRISAT Development Centre, ICRISAT on 25-26 March 2015 at ICRISAT to internalize the strategy and monitoring mechanisms and to refine the work plans of different sectors at state and district levels to achieve targeted outputs in the primary sector mission. Following activities were undertaken and outputs emerged during the workshop discussion.

- Detailed sector-wise presentations were made by the line departments
- The need to focus on improving the quality of chillies to meet the requirement of export quality by adopting good agricultural practices (GAPs) ensuring needed pesticide residues highlighted
- Need to focus on milk production along with market linkages. Focus was given on establishing cold storage facilities (bulk coolers) at local level with the help of Farmer Producer's organizations (FPOs).
- Highlighted the need and potential harness and increase fish productivity in the state
- Presentations on pilot area selection, process of site identification, constraints, opportunities, strategy for convergence and possible interventions to enhance system productivity in pilot areas.





Second Workshop Team Building and Action Plan Preparatory Workshop (28-29 April 2015)

A two day Team building and action plan preparatory workshop was held during 28-29 April 2015 at ICRISAT Patancheru by ICRISAT - led Consortium which is the knowledge partner of Andhra Pradesh Primary Sector Mission. About 220 GoAP primary sector officials from 13 districts, head quarter and ICRISAT along with other CG centers scientists attended the workshop. Representatives from NABCOMs from NABARD, Centre for Good Governance, State Universities of Agriculture, Horticulture, Livestock and Fishery also participated and deliberated extensively on different issues of primary sector and prepared district level action plan that would serve as basis for Mandal level action plan preparation.

The following action points emerged during the workshop.

- An urgent attention to ensure suitable marketing and price support
- Ensuring marketing support, value-chain and processing through public-private partnership (PPP)
- Tackling post-harvest losses to minimize financial losses through developing infrastructure for drying, processing, storage and value addition
- Need to ensure necessary financial and human resources support through fast tracking policies and clearances by the concerned departments.
- Urgent need develop training centers for the farmers and skill development policy
- Weekly video or tele-conference involving key decision making officials at state and district level to monitor progress



Workshop 3 AP Experts Consultation Workshop (4 February 2015)

Government of Andhra Pradesh and ICRISAT conducted a Consultation Workshop for Private and Public Partners in the Primary Sector for facilitating Primary sector development and transforming agriculture in Andhra Pradesh. More than 100 participants participated from different sectors largely with corporates representing food processing, industries, seed, fertilizers and drip input supply companies, banking institutions, NGOs, SAUs, ICAR institutes and line departments of Government of Andhra Pradesh (Agriculture, Horticulture, Sericulture, Livestock, Fisheries, Irrigation, Marketing). Director General Dr. David Bergvinson participated in the workshop and presented the role of digital technologies in agriculture and how digital technology can be harnessed by adopting a value chain approach for linking farmers to the market as well as for value addition. The monitoring and evaluation mechanism for the Primary Sector was also highlighted and result framework was explained along with indicators based on the indicators for the mission.



Key Recommendations

- Formation of users groups (4 Groups) for different commodities such as Groundnut, maize, rice, pulses, milk, poultry, meat, egg etc.
- Growing more food grains in a sustainable manner
- Production and processing of more fruits and vegetables
- Organization of organic farming clusters across the state
- Promotion of production of more silk in specified areas
- Establishing of cold storage facilities (bulk coolers) at local level with the help of Farmer Producer's organizations (FPOs)
- Conduct of video conferences with district level officers to internalize and enhance awareness for successful implementation of the mission
- Broad areas of operation (input, infrastructure, procurement and processing, marketing and ICT-based knowledge delivery system) to improve economy of seven backward districts (Kurnool, Kadapa, Anantapur, Chittoor, Srikakulam, Vijayanagaram and Visakhapatnam)
- Ensuring marketing support, value-chain and processing through public-private partnership (PPP)

Sector Wise Growth Engines GVA (Rs. Crores) Targets for 2015-16

