



**Jawaharlal Nehru Technological University, Kakinada**  
**Kakinada – 533 003, Andhra Pradesh**

**recognizes**

**Department of Civil Engineering**  
**Gudlavalleru Engineering College**  
**Seshadri Rao Knowledge Village**  
**Gudlavalleru-521356**

**as a research centre**

**for the academic years**  
**2018-19 & 2019-20**

**Kakinada**  
**18<sup>th</sup> July, 2019**

**Registrar**  
**REGISTRAR**  
**J.N.T. University Kakinada**  
**Kakinada-533003**



**Jawaharlal Nehru Technological University Kakinada**  
Kakinada – 533003, Andhra Pradesh

Recognizes

Department of Civil Engineering  
**Gudlavalleru Engineering College, Gudlavalleru**

As  
**RESEARCH CENTRE**

For the  
Academic Years 2021-22 & 2022-23

Kakinada  
19<sup>th</sup> March, 2022



  
**REGISTRAR**  
REGISTRAR  
J.N.T. University Kakinada  
Kakinada-533003





## **CENTRES OF EXCELLENCE**

**WATER, ENVIRONMENT, LAND (WEL) RESEARCH CENTRE**  
**DISASTER MANAGEMENT CELL**



**DEPARTMENT OF CIVIL ENGINEERING**



**GUDLAVALLERU ENGINEERING COLLEGE**

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
**SESHADRI RAO KNOWLEDGE VILLAGE**





## CENTRES OF EXCELLENCE

### WATER, ENVIRONMENT, LAND (WEL) RESEARCH CENTRE DISASTER MANAGEMENT CELL

Department of Civil Engineering, Gudlavalluru Engineering College has established two centres of **excellence** for promoting research and development in an **interdisciplinary** environment. The department, though the **youngest** in the college, established after **10** years of starting the college, has been successful in working closely with other departments to promote interdisciplinary learning as well as research and development. **Remote Sensing & GIS Technologies** and **Disaster Management** are amongst the most popular electives in interdisciplinary courses offered by the civil engineering department. This has been possible through the investment in appointing faculty with Masters in such specialised and interdisciplinary subjects as well as providing a research and development establishment counted amongst the best in the coastal districts of Andhra Pradesh. The department currently houses a centre for research on **Water, Environment and Land** and a cell for **Disaster Management** using **Geospatial Technologies** coupled with Conventional datasets. The centres have benefitted both faculty and students in getting used to work in an interdisciplinary environment.

The Disaster Management Cell was inaugurated on **05-02-2010** in the Department of Civil Engineering by Major General **Dr.R.Siva Kumar**, Head NRDMS Division, CEO NSDI, Department of Science and Technology, New Delhi which was setup with the financial support from the **institutional** funds of Gudlavalluru Engineering College.

The aim of the above two centres is to focus on the development, management and conservation of natural resources, ecology and environment and disaster management. Their activities are **interwoven** with the threads of ICT and domain expertise in fields such as water resources, environmental engineering, geology & geotechnical engineering, structural engineering etc., which are available in-house. They also receive **visiting** experts and **peers** from other institutions in the region

for sharing information and resources. The **mission** of these centres is to work closely with state, centre and international institutions to address the local and regional ground level issues through **joint** effort by developing research programmes integrated with academics.







## Vision of WEL Centre

To develop the centre as one of the **prime** research centres by carrying out high**quality** Research and **disseminating** the scientific information for sustenance, management and conservation of water, environment and land.

## Vision of Disaster Management Cell

To prepare a safe and disaster resilient nation by promoting**holistic** and technology driven strategies and imparting a **culture** of prevention, mitigation, preparedness and responsibility.

## Objectives of Centres

- ❖ To identify the **ground** level issues / problems related to natural resources and **vulnerable** zones of disaster
- ❖ To carry out core and applied research in the areas of land & water resources, environment & ecology, coastal zone development, disaster management strategies etc.
- ❖ To generate **authentic** scientific evidence /information on the status and **scenarios** on various natural resource parameters using geospatial and conventional technologies
- ❖ To recommend/ suggest **remedial** measures for implementation
- ❖ To present / publish research results and conduct seminars and workshops
- ❖ To disseminate scientific information, create awareness and contribute **directly** to society
- ❖ To collaborate and interact with **premier** institutions and research organisations
- ❖ To familiarise / train the faculty and students in the state of the art / cutting edge technologies
- ❖ To attain the status of **national** and **international** reputation, though the college is situated in **rural** environment







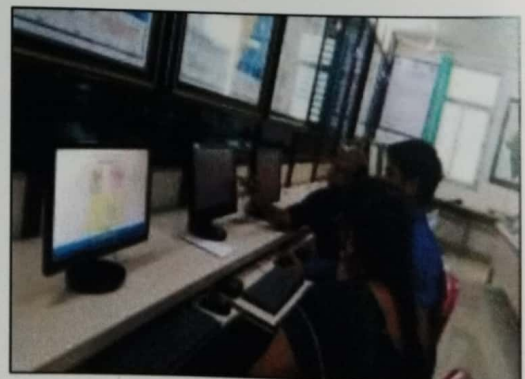
## About Us

The centres of excellence focus on the applications of spatial information technology and conventional technologies to the water and land resource inventory, mapping, monitoring and management of environment & ecosystems in the region and disaster management. They also identify the environmental issues connected to water and land emerging out of the **socio-economic** transformation of the region in the residual state of Andhra Pradesh. The water and wastewater testing laboratory facilities of Department of Civil Engineering are used for field data collection and analysis wherever necessary.

The core missions of the WEL centre and Disaster Management Cell are **interwoven** to form the vital link between these interdisciplinary programmes and conduct high quality research in the areas of natural resources development, management and conservation, environment and ecology, coastal dynamics, disaster management strategies etc. using Remote Sensing (RS), GIS and GPS technologies coupled with conventional data sets. The centre carries Research & Development both in **core** and **applied** research studies by identifying issues at ground level having **social** relevance and **national** importance, requiring **immediate** attention.

These research and development activities are being conducted with the help of the advisory Committee of Civil Engineering Department and more particularly with the guidance of Visiting Professor Dr. K.R.K Raju, who has put in several years of rich experience in these areas. These centres have collected/generated extensive datasets and developed a digital / GIS database of various natural resources and man-made infrastructure of Krishna district, land and water resources of Godavari and Krishna river basins, coastal dynamics etc. as a part of its in-house R&D activity.

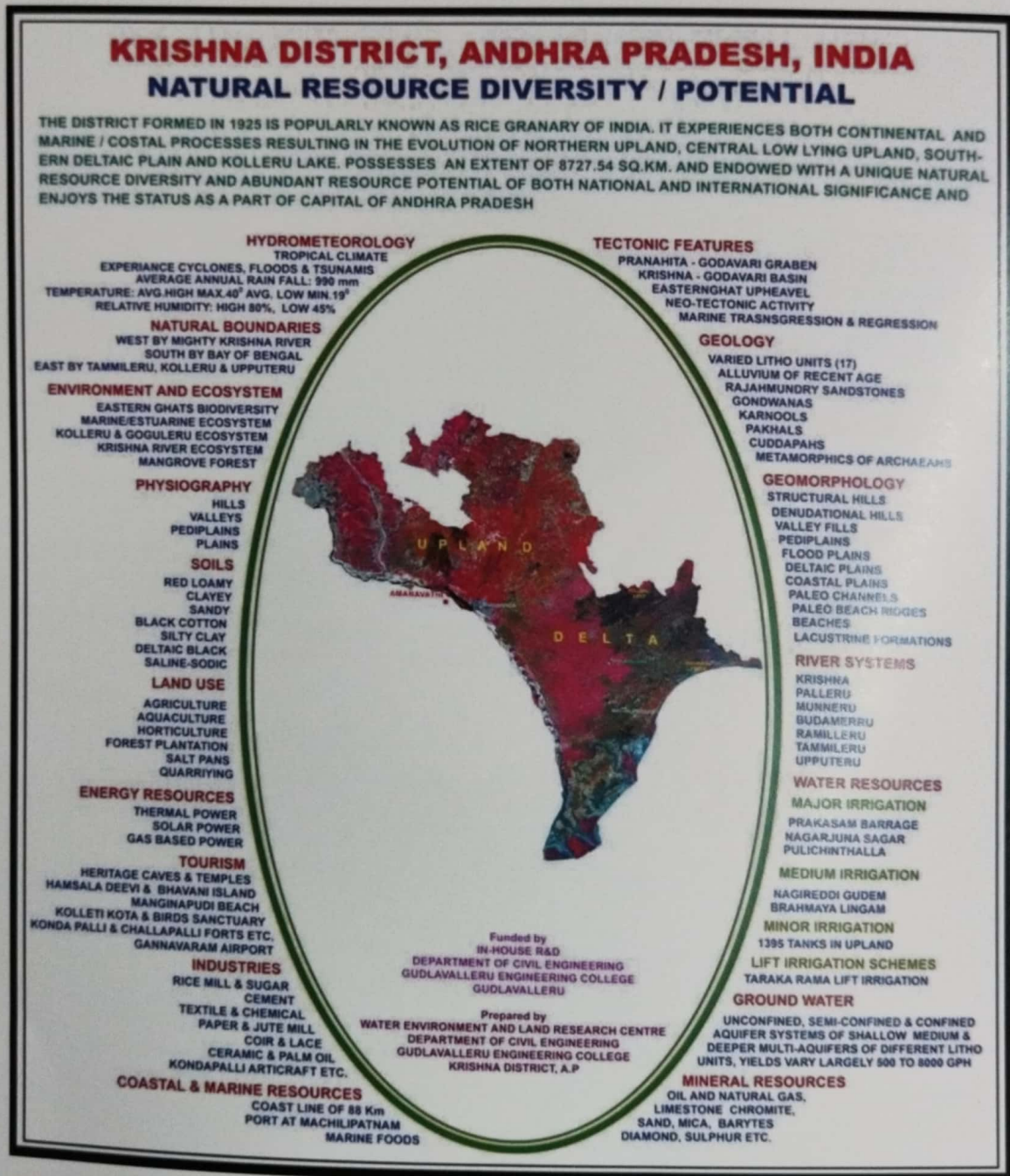
The centres have allocated space to mount the output of the research work of various resource maps of appropriate sizes ranging from A4 to A0 to educate students, faculty and other stakeholders who may visit the centres.



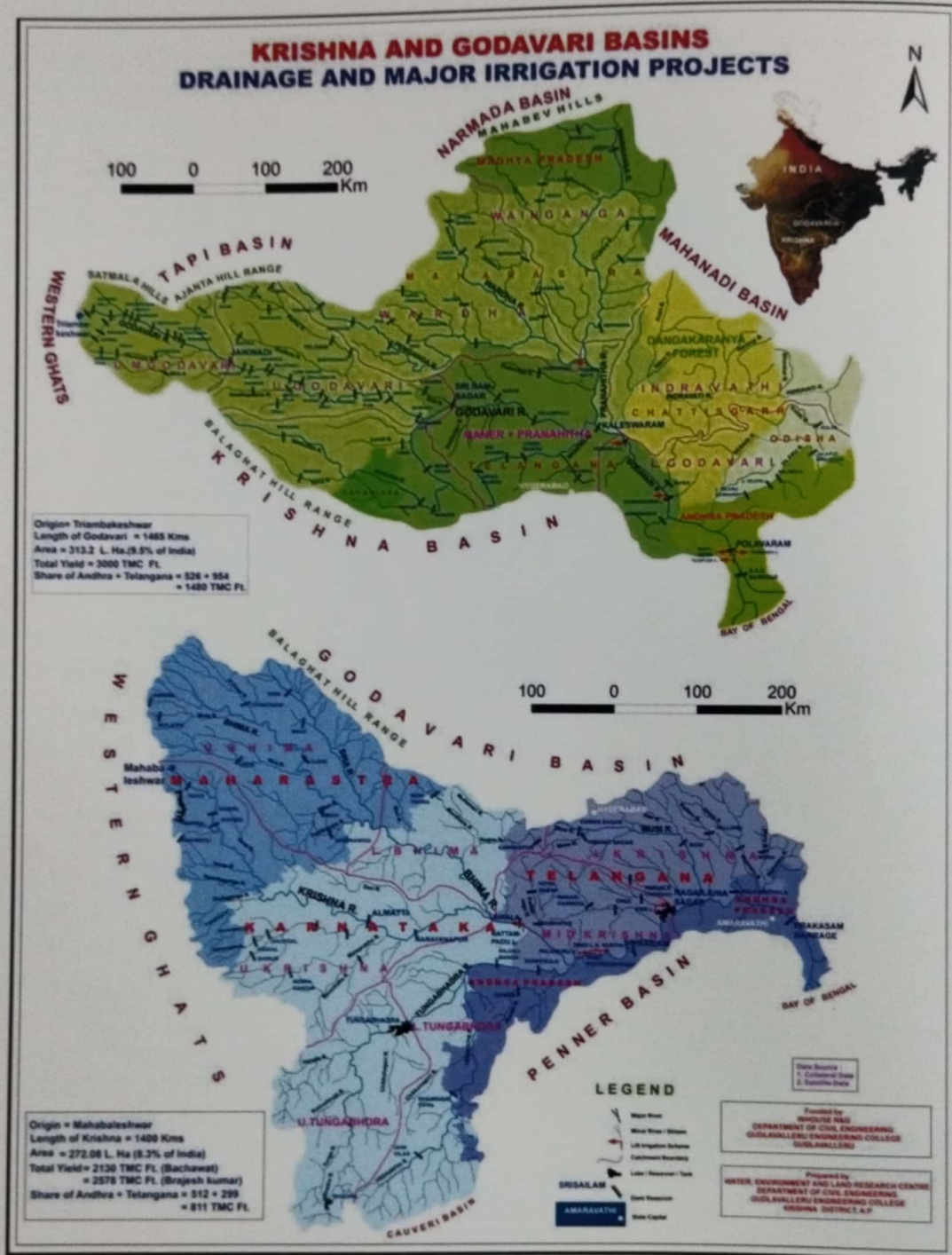




The enhanced view of hard copy maps in such large format aids student projects and also various stakeholders from other sections of the society.











## Infrastructure

The WEL centre and Disaster management cell are endowed with adequate software and hardware facilities to undertake research studies.

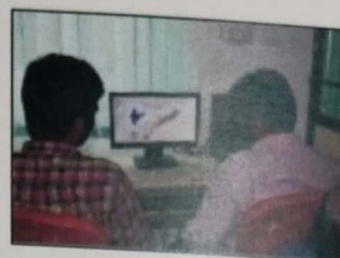
**Software:** ArcGIS 10.1, STAAD Pro V8, AutoCAD2015

**Hardware:** i7 Processor Based Systems: 2 Nos, i5 Processor Based Systems: 3 Nos, Handheld  
Garmin GPS

**Satellite Data:** IRS CARTOSAT, IRS LISS IV MX, IRS – AwiFS

## Collateral/Ancillary Data

Topographical maps, reports and other conventional data sets pertaining to Krishna District, parts of Andhra Pradesh and Godavari & Krishna river basins.



## Outcomes / Utility

**Ph.D Programmes:** Pursuing: 03, Completed: 01, Publications: 30

### Training

Faculty: 09, Technical Personnel: 03, Students: M.Tech. 06, B.Tech. 40, Student projects: 16

**Workshops/Seminars:** 15

## Project Proposals Submitted for Sponsorship: 04

1. "Mismanagement of Land and Water Resources and its Adverse Scenarios on Agriculture and Environment in the Highly Fragile Inter-Deltaic Plain of Krishna and Godavari, Andhra Pradesh, India". Collaborative project submitted to SERB, DST, Govt of India.
2. "Geoscientific Database Generation, Analysis and conservation of Guntupalli Caves and enhance the Tourism potential & socio-Economic status in the rural area of West Godavari. A.P. India", collaborative project submitted to NRSC, ISRO, Govt of India.
3. "Sea Level Rise and its Compounding Adverse Scenarios on Crop, Land, Water and Environmental systems of highly Fragile twin Deltas of Krishna and Godavari, A.P, India- AN Integrated Multidisciplinary Approach" Collaborative project submitted to MOES, Govt of India.
4. "Studies on Impact of Intensive Land Use Practices on Environmental Pollution of Drinking Water of Krishna Eastern Delta, A.P using Integrated Geospatial and Conventional Technologies" submitted to MOEF, Govt of India.



## Collaborating Organisations

- Oil and Natural Gas Corporation, Government of India.
- Acharya N.G.Ranga Agricultural University, Government of Andhra Pradesh
- S.R.K.R.Engineering College, Bhimavaram, Andhra Pradesh

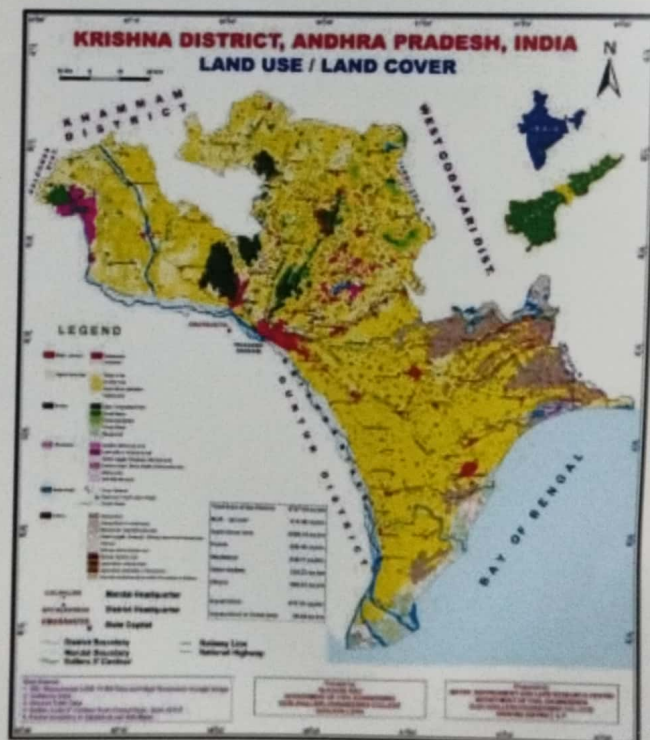
## Beneficiaries

- Different departments of State and Central Government
- Non-Governmental Organisations
- Farmer's Associations
- Faculty/Students from different Educational Institutions.

## Areas of Interest

The districts that comprise the deltas of Krishna and Godavari viz. Guntur, Krishna, West Godavari and East Godavari constitute the backbone of the economy of the divided state both in terms of the natural and human capital. Nearly 50% of the capital region development authority (CRDA) falls within the Krishna district. The district has coastal delta lands as well as uplands which have distinct natural features and therefore economic activity. The demarcation of the capital region encompassing the riverine parts of the Guntur and Krishna districts opened unprecedented opportunities for development.

Rampant land use practices / conversion will happen as part of the development and it is necessary to predict the impacts of such transformation on sound science and technology about the impact of these changes on the environment and on economic progress. Development projects named so far include large building projects, highways, canals interlinking rivers, conversion of agriculture to aquaculture, ports and harbours etc., A detailed Atlas of topographic as well as thematic maps is necessary to inform the decision making process in the government.







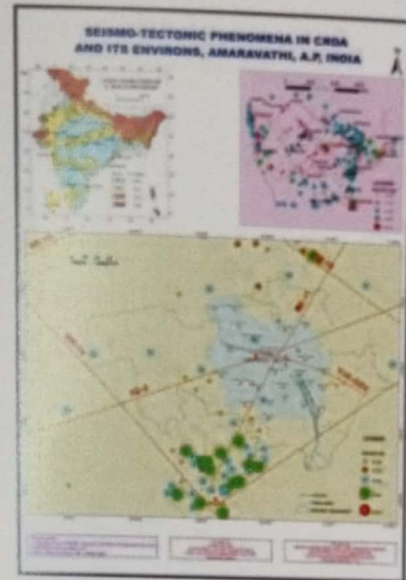
This requires a multi-institutional and multi-disciplinary approach to undertake various aspects of resource evaluation for different activities pertinent to Land, Water and Environment. These form the basis of cross-cutting issues such as, coastal dynamics, water pollution, seawater intrusion, climate change, sea-level rise, depleting irrigation water resources, loss of biodiversity, unchecked mainstream developmental activities of CRDA, cyclones, earth quakes/tsunamis etc.,

The centres have pooled internal resources to generate such a repository of resource maps for the Krishna District. Going forward, similar work may be taken up by like-minded institutes in other districts to come up with a complete mapping of the eight coastal districts of Andhra Pradesh which have commonalities in geographic features, economic activity, societal conditions and development-environment challenges.

## Future programmes

The centres plan to expand its areas of research in coastal dynamics, impacts of intensive land use practices on deltaic environment, coastal erosion/accretion, drainage congestion, development of flow models of irrigation waters and back water intrusion, development of digital database of deltas of Godavari and Krishna, geospatial archaeology, seismic zoning, tsunami run up etc. For this, the centres envision in formulating integrated, multidisciplinary and inter-institutional research programmes in collaboration with national and international premier institutions. The outcome of the research will be published in reputed journals and disseminated by organising seminars and workshops and also conducting awareness programmes among stakeholders and policy makers. The centres of excellence are proposing to collaborate with the following institutions.

1. Indian Institute of Technology (IIT), Tirupati.
2. National Institute of Technology (NIT), Tadepalligudem.
3. Centre for Studies on Bay of Bengal (CSBOB), Andhra University, Visakhapatnam.
4. A.P. State Space Application Centre (APSAC), Govt. of A.P.
5. A.P. Pollution Control Board, Govt. of A.P.





# Water Environment & Land Research Centre & Disaster Management Cell



## Major Equipment:

- 17 Dell OptiPlex Systems- 2 no's
- 15 Acer systems – 5 no's
- LISS- IV Satellite Images
- Topographical Maps

Area	: 65.54Sq. m
Total Investment	: Rs.3.66,875.00
Faculty In-Charge	: Sri. G.T.N.Veerendra
Technician	: Mrs. K. Bhavani



Department of Civil Engineering





## U.G. Projects Performed in the WEL Research Centre

Sno	Nominal roles	Title of the project	Name of the Guide
1	18485A0125 18485A0125 17481A01D1 18485A0122	Comparative Analysis of Selected Water Quality Parameters Using Conventional Methods and Microcontroller Sensor	Sri. G.T.N. Veerendra
2	14481A0113, 15485A0102, 14481A0109, 14481A0102	Spatial representation of analysis and evaluation of quality of surface water sources for drinking water along Bandar canal, Krishna district, A.P.	Sri. N. Hari pavan
3	15481A01B8 15481A01C6 15481A01E5 15481A01F1 15481A01D7	Delineation Of Drainage Network in The Upper Watersheds Between Tandavaand Gosthani Rivers In Visakhapatnam District Using Gis	Sri. N. Hari pavan
4	15481A0199 15481A0170 15481A0161 15481A0196 15481A0198	Water ResdelineationOf Drainage Network In The Watersheds Between Tandava And Gosthani Rivers In Visakhapatnam District Using GisOurces Engineering	Sri. G. Sai Krishna
5	14481A0146 14481A0132 14481A0106 15485A0107	Monitoring the Quality of water supplied by municipality in selected areas of Vijayawada city and study of deviations from the drinking water standards	Sri. N. Siva Kishan
6	14481A01G8 14481A01E9 14481A01G1 14481A01F1	Digitization of water tanks in Krishna District using RS& GIS	Sri. N. Hari pavan
7	14481A01D8 14481A01E1 15481A0149 14481A01D2 14481A01B6	Land use and land cover of Krishna eastern Delta	Sri. N. Hari pavan
8	18485A0106 18485A0104 18485A0108 17481A0111	Classification of land use and land cover of madikeri using geospatial techniques	Sri. M.L. Sirisha
9	13481A0126 13481A0125 13481A0130 13481A020	Integrated Watershed delineation of Krishna District, A.P using RS&GIS	Sri. N. Hari pavan
10	13481A0162 13481A01A9 13481A0194 13481A0188	Application of Remote Sensing and Geographic Information System in Solid Waste Management for Gudiwada Municipality	Sri. N. Hari pavan
11	17481A0104 17481A0154 17481A0102 18485A0107	Road Surface Health Monitoring using Geo Spatial Techniques	Sri. N. Hari pavan
12	18485A0130 18485A0124 18485A0136 17481A01B6	Morphometric Study of Nambiar Sub river Basin in Terunavelli District, Tamil Nadu	Sri. N. Hari pavan
13	17485A0105 17485A0109 16481A0138 16481A0146	Study of Built-up patterns and its impact on Urban Heat Island Using Geo Spatial Techniques	Sri. N. Hari pavan
14	17485A0142 17481A0154 17481A0153 16481A0198 16481A01E1	Identification of Ground Water Potential Zones in AP, CRDA Region of Guntur District using Geo spatial Techniques	Sri. N. Hari pavan
15	17481A0127 17481A0146 17481A0108 17481A0131	Water balance Study of a Rain Feed Minor irrigation tank in Krishna District of Andhra Pradesh, India	Sri. G. Sai Krishna
16	17481A0192 17481A0191 17481A0187 17481A0158	Physio Chemical Analysis of Ground water in Gudlavallu Andhra Pradesh, India	Sri. G. Sai Krishna





### WITH CONTINUOUS ENCOURAGEMENT & SUPPORT FROM

Dr. Nageswara Rao Vallurupalli	: Chairman
Sri. M. Srinivasa Rao	: Vice- Chairman
Er. V. Satyanarayana Rao	: Secretary & Correspondent
Sri. V. Rama Krishna	: Co- Secretary & Correspondent
Dr. P Ravindra Babu	: Professor & Advisor to Management
Dr. G.V.S.N.R.V.Prasad	: Principal
Dr. P. Kodanda Rama Rao	: Vice- Principal, Administration
Dr. M. R. Ch. Sastry	: Vice- Principal, Academic Affairs

### Committee of Centres of Excellence

Dr. A. Srinivasulu  
Head(i/c), Dept of Civil Engineering

Sri.G.T.N.Veerendra  
WEL Centre Co-ordinator

### Faculty / Technical Personnel

Dr. S.R.K.Reddy  
Dr. K. Radhakrishnam Raju  
Sri. N. Haripavan  
Sri.A.H.L.Swaroop  
Sri G. Sai Krishna  
Sri P.S.S. Anjaneya Babu

Mrs. K. Bhavani  
Mrs. N. Mounica

**“SAVE NATURE, NATURE SAVES YOU”**

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# SESHADRI RAO GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
**SESHADRIRAO KNOWLEDGE VILLAGE::GUDLAVALLERU**

*Department of Civil Engineering*

## Faculty Supervising Research Scholars

S. No.	Name of the Faculty	Name of the Research Scholar	Regd. University	Year of Registered	Status
1	Dr. S.R.K Reddy	Mr. Sunil	Koneru Lakshmaiah University	2014	Degree awarded
2		Mr. K. Venkateswara Rao	JNTUH	2016	Pursuing
3	Dr. P. Kodanda Rama Rao	Dr. G.T.N. Veerendra	Annamalai University	2018	Degree awarded
4		Mr. A Venkata Phani Manoj	Annamalai University	2019	Pursuing
5		Mr. Y. Sombabu	JNTUK Kakinada	2020	Pursuing
6		Mr. T. Ankama Rao	JNTUK Kakinada	2020	Pursuing
7		Mr. Syed Jeelani Basha	JNTUK Kakinada	2021	Pursuing
8	Dr. G. Reddy Babu	Mr. A. Anurag	JNTUK Kakinada	2020	Pursuing
9	Dr. A. Sreenivasulu	Mrs. N. Tejaswini	JNTUK Kakinada	2020	Pursuing
10	Dr. A. H. L. Swaroop	Ms. Mandala Sridevi	Centurion University of Technology & Management, Odisha	2023	Pursuing



H.C.E

**SESHADRI RAO GUDLAVALLERU ENGINEERING COLLEGE**

(An Autonomous Institute with Permanent Affiliation In JNTUK, Kakinada)


SESHADRI RAO KNOWLEDGE VILLAGE ::GUDLAVALLERU

**Department of Civil Engineering****Details of WEL Centre**

S. No	Name of the Equipment	Amount
1	Blue Star 1.5ton Split Air Conditioner	33,500.00
2	UPS PB 6KVA UPS Batch: 160206AS6035	1,08,675.00
	26AH/12V SMF/VRLA Batteries Batch : Exide	
	Cable Set For 6Kva	
3	Dell Optiplex 3040 MT Intel Core I7-6700 6th Gen Processor 16GB Dual Channel DDR3L1600MHZ(GBx2) 1TB 7200RPM Hard Disk DVD Writer DELL Eseries E2016 19.5"wide, Screen Monitor with LED Back Light ,AMD Radeon R5 340x2GB Graphic Card Dell Optical Mouse, Dell Keyboard	1,23,000.00
4	Acer Desktops Acer Veriton M200/Intel Core I5 Processor 500GB Sata HDD/8GB DDR3/PS2KB 104Keys/PS2 Optical Mouse/18.5" WFTT	1,01,700.00

**Total****₹ 3,66,875.00**

  
In-Charge

  
Head of Civil Engineering  
Gudlavaluru Engineering College  
Seshadri Rao Knowledge Village  
GUDLAVALLERU-521356.



TIN : 37122155886

CASH BILL / DELIVERY CHALLANA  
JAI HANUMAN

Date: 11/7/2016

No.

**MARUTHI COOLERS**

1063

# 15/51-9, Opp Kanyaka Parameswari Temple,  
Near Sarat Talkies, Bus Stand Road, GUDIVADA - 521 301.

Ph : 08674 - 248943

Cell : 93942 11212



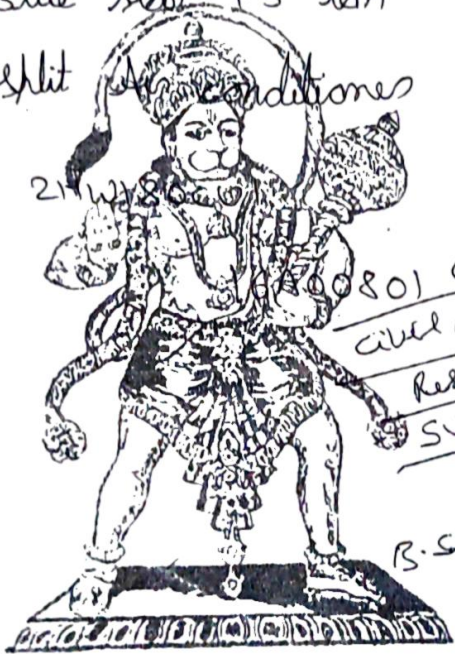
BLUE STAR

BREATHE EASY

**GENERAL**AIR CONDITIONERS  
The Extreme Machine

M/s.

Gudlavalleru Engineering college  
gudlavalleru

Sl. No.	PARTICULARS	Qty.	Rate	AMOUNT Rs.	Ps.
	Blue star 1.5 ton split Air conditioners  21/12/2016 00801 CIVIL DEPT CIVIL GIS, CAD, CASE lab Revised construction SUMMER Room A/c B. Sreeni used			33,500.00	
				33,500.00	

Thanking you

over 11/7/16

Jalaj B

33,500

11/7

For MARUTHI COOLERS

Goods once sold cannot be replace or return.

**LASER TECHNOLOGIES**

#40-5/3-13, 2ND FLOOR

Krishna District Petroleum Dealers Assn Buildings

Syam Nagar, Tikkle Road

Vijaywada-10

Ph 0866-2493783

Contact : 9440157778

E-Mail: lasertechnologies@rediffmail.com

Buyer

**Gudlavalleru Engg. College**

Gudlavalleru - 521 356

Krishna Distict (A.P)

Invoice No.

066116-17

Dated

30-Jun-2016

Delivery Note

Mode/Terms of Payment

Supplier's Ref.

Other Reference(s)

Supplier's Order No.

Dated

Dispatch Document No.

Delivery Note Date

Dispatched through

Destination

Terms of Delivery

SI No.	Description of Goods	VAT %	Quantity	Rate	per	Disc. %	Amount
1	<b>Dell Optiplex 3040 MT</b> Intel Core i7-6700 6th Gen Processor 16GB Dual Channel DDR3L 1600MHZ (8GBx2) 1TB 7200RPM Hard Disk DVD Writer DELL Eseries E2016 19.5" Wide Screen Monitor With LED Back Light AMD Radeon R5 340X 2GB Graphics Card Dell Optical Mouse Dell Keyboard Three Years Warranty S Tag 1X6VFD2, 1X7RFD2, 1X7WFD2 Monitor SI CN-0147F6-74261-64P-8UJM CN-0147F6-74261-63V-37TM CN-0147F6-74261-63V-37YM	5	3 nos	58,571.43	nos		1,75,714.29

continued ...

2 systems for civil - WLGW  
1 system for mechanical -

This is a Computer Generated Invoice



## TAX INVOICE

**Accutech Infosystems Pvt. Ltd. (Vja)**

31-18-2, Narlavari Street,

Machavaram Down,

Vijayawada- 520004

Tel Fax- 0866-66317671

E-Mail :accounts.ap@accutech.co.in

Consignee

**CIN00986 - Gudlavalleru Engineering College**

Gudlavalleru

Krishna District-521356

Buyer (if other than consignee)

**CIN00986 - Gudlavalleru Engineering College**

Gudlavalleru

Krishna District-521356

Invoice No.

**2501634/16-17**

Delivery Note

**2501250/16-17**

Supplier's Ref.

**SO 2506939**

Buyer's Order No.

**GEC/UPS/CE/137**

Despatch Document No

Despatched through

Terms of Delivery

Dated

**30-Apr-2016**

Mode/Terms of Payment

**100% against Delivery**

Other Reference is:

**Mr. Mallaiah-7416757609**

Dated

**23-Mar-2016**

Dated

**30-Apr-2016**

Destination

**Mrk Exe: Neelkanth**

Sl No.	Description of Goods	Quantity	Rate	per	Disc %	Amount
1	<b>PB 6KVA UPS</b> Batch : 160406ASG372	1 Nos.	1,03,500	00	Nos	1,03,500.00
2	<b>26 AH/12V SMF/VRLA Batteries</b> Batch : Exide	16 Nos.				
3	<b>Cable Set For 6Kva</b>	1 Nos.				
						1,03,500.00
<b>Output VAT @ 5%</b>						5,175.00

NR

Total **18 Nos.**

**₹ 1,08,675.00**

Amount Chargeable (in words)

**INR One Lakh Eight Thousand Six Hundred Seventy Five Only**

Company's VAT TIN : **37320173749**  
Company's CST No. : **37320173749**  
Company's Service Tax No. : **AADCA3137AST002**  
Company's PAN : **AADCA3137A**

Declaration

"I/We hereby certify that my/our registration certificate under the Maharashtra Value Added Tax Act, 2002 is in force on the date which sale of the goods specified in this "Tax Invoice" is made by me/us and that the transaction of sale powered by this "Tax Invoice" has been effected by me/us and it shall be accounted for in the turnover of sale while filling of return and due Tax, if any payable on the sale have been paid or shall be paid." NOTE: IF PAYMENT IS NOT MADE WITHIN DUE DATE INTEREST WILL BE CHARGED @ 24% P.A.

for Accutech Infosystems Pvt. Ltd. (Vja)



This is a Computer Generated Invoice

# INVOICE

(Original)

<b>DBA Technologies</b> D No : 33-25-35/b Vemula Syamala Devi Street Kastirbaipeta Vijayawada-520010 Pan No : AERPJ 5343 L PH NO : 0866-6664563 E-Mail : dbatech@yahoo.com		Invoice No. <b>43</b>	Dated <b>5-Jun-2015</b>
		Delivery Note	Mode/Terms of Payment
		Supplier's Ref.	Other Reference(s)
Buyer <b>Gudlavalleru Engineering College</b> Gudlavalleru		Buyer's Order No.	Dated
		Despatch Document No.	Dated
		Despatched through	Destination
		Terms of Delivery	

Sl No.	Description of Goods	Quantity	Rate	per	Amount
1	<b>Acer Desktops</b> Acer Veriton M200 / Intel Core i5 Processor 500GB Sata HDD / 8 GB DDR3/ PS2 KB 104 Keys/ PS2 Optical Mouse /18.5" WFTF	25 no	32,285.71	no	8,07,142.75
	Output Vat @5% ROUND OFF			5 %	40,357.14 0.11
	Total	25 no			₹ 8,47,500.00

Amount Chargeable (in words)

E & O.E

INR Eight Lakh Forty Seven Thousand Five Hundred Only

982  
18/6/15

Company's VAT TIN : 37680205650

Company's CST No. : 37680205650

Declaration

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

for DBA Technologies

Authorised Signatory

This is a Computer Generated Invoice