


## MANDATORY DISCLOSURE

Mandatory Disclosure updated on	: 16--02-2013
1. AICTE File No.	: 1-3992214
Date of First Approval	: F.No:730-50-32(E)/ET/2001
2. Name of the Institution	: Anil Neerukonda Institute of Technology & Sciences
Address of the Institution	: Sangivalasa Bheemunipatnam Mandal
City & Pin Code	: VISAKHAPATNAM – 531 162
State / UT	: Andhra Pradesh
Longitude & Latitude	: 
Phone number with STD Code	: 08933-225083, 84 & 85
Fax number with STD Code	: 08933-226395
Office hours at the Institution	: 08:30 AM to 05:30 PM
Academic hours in the Institution	: 09:30 AM to 04:10 PM
Email	: <a href="mailto:principal@anits.com">principal@anits.com</a>
Website	: <a href="http://www.anits.edu.in">www.anits.edu.in</a>
Nearest Railway Station (Dist in KM)	: Visakhapatnam (27 KM)
Nearest Airport (Dist in KM)	: Visakhapatnam (40 KM)
3. Type of Institution	: Private – Self Financed
Category (1) of the Institution	: Non Minority
Category (2) of the Institution	: Co-Ed

4. Name of the Organization running the Institution : Anil Neerukonda Educational Society
- Type of the Organization : Society
- Address of the Association : D.No: 9-42-20, Near SBI Zonal Office  
Balaji Nagar, Siripuram  
Visakhapatnam – 530 003, Andhra Pradesh, India
- Registered with : Societies Registration Act 1860 (Act. XXI of 1860)
- Registration Date : 02-08-2000
- Website of the Organization : [www.anits.edu.in](http://www.anits.edu.in)
5. Name of the affiliating University : Andhra University
- Address : Visakhapatnam
- Website : [www.andhrauniversity.info](http://www.andhrauniversity.info)
- Latest affiliation period : Permanent Affiliation granted in 2009
6. Name of the Principal : Prof. V.S.R.K. Prasad
- Exact Designation : Principal
- Phone Number with STD Code : 08933-225085
- Fax Number with STD Code : 08933-226395
- Email : [principal@anits.com](mailto:principal@anits.com), [profvsrk@gmail.com](mailto:profvsrk@gmail.com)
- Highest Degree : Ph.D.
- Field of Specialization : Chemical Engineering
7. Governing Board Members : **Enclosure - 1**
- Frequency of meetings and date of last meeting : Twice in a year & Date of last meeting: 16-12-2012
8. Academic Advisory Body :
- Prof. K. Koteswara Rao  
Former Principal, REC, Warangal
- Prof. G. Govindarajulu  
Dean (Academics)  
International Institute of Information Technology (IIIT)
- Prof. P. Ramakrishna Rao  
Former HOD (ECE), Dean REC,  
Trichy
- Prof. V.S.R.K. Prasad  
Principal, ANITS
- Frequency of meetings & date of last meeting: At least one meeting in every 4 months of last meeting: 16-12-2012
9. Organizational Chart : **Enclosure - 2**

10. Student Feedback mechanism on Institutional Governance/Faculty Performance : Enclosure - 3
11. Grievance redressal mechanism for faculty, Staff and students : Enclosure - 4
12. a) Name of the Department

**A) Name of the Department**

Courses : Electronics & Communication Engineering

Level : UG and PG

1<sup>st</sup> Year approval by the council UG : 2001-02

PG: M.Tech (Communication Systems)

Year of approval : 2011

Year wise sanctioned intake (UG) :

CAY (2012-13)	CAY-1 (2011-12)	CAY-2(2010-11)	CAY-3 (2009-10)
120	120	120	120

Year wise sanctioned intake (PG) : 2011-12: 18

Year wise actual admissions (UG) :

CAY (2012-13)	CAY-1 (2011-12)	CAY-2(2010-11)	CAY-3 (2009-10)
120	120	120	120

Year wise actual admissions (PG) :

Cutoff marks /EAMCET Ranks -general quota:

Year	Category	Best rank male	Least rank male	Best rank female	Least rank female
CAY (2012-13)					
CAY-1 (2011-12)	GEN	2219	4442	3693	6258
CAY-2 (2010-11)	GEN	1907	3725	2116	4557
CAY-3 (2009-10)	GEN	1542	6339	2460	4143

% Students passed with Distinction :

CAY (2011-12)	CAY-1 (2010-11)	CAY-2 (2009-10)	CAY-3 (2008-09)
34.35	41.48	44.14	39.2

% Students passed with First class :

CAY (2011-12)	CAY-1 (2010-11)	CAY-2 (2009-10)	CAY-3 (2008-09)
34.35	28.14	40.83	48

**Students Placed**

:

CAY (2011-12)	CAY-1 (2010-11)	CAY-2 (2009-10)	CAY-3 (2008-09)
57*	107	79	68

\* For 2011-12 placements as of now

**Average Pay package, Rs. /Year**

:

CAY (2011-12)	CAY-1 (2010-11)	CAY-2 (2009-10)	CAY-3 (2008-09)
3.5 LPA	3.2 LPA	3.0LPA	2.4 LPA

**Students opted for Higher Studies**

:

CAY (2011-12)	CAY-1 (2010-11)	CAY-2 (2009-10)	CAY-3 (2008-09)
20	5	10	50

**Accreditation Status of the course** : Provisionally Accredited**Doctoral Courses** : No**Foreign Collaborations, if any** : NIL**Professional Societies** : IEEE, IETE and ISTE**Professional activities** :

S. No	Date	Topic Name	Resource Persons	Organization/ Institution
1.	17-11-12	Tera Hertz Science And Technology	Dr.N.V.S.Narasimha Sarma	Professor, National Institute Of Technology, Warangal
2.	21-07-12	Features Of Advanced Processors And Projects On Embedded Systems	Dr.B.V.S.Kantha Rao	Senior Professor, GVP College
3.	15-06-12	Radar Pulse Compression	Dr.Elizabeth Rani	HOD, EIE, GITAM University
4.	14-06-12	Teaching Methodologies	Prof.Dharma Raj Cheruku	Vice-Principal, Gitam institute of Technology, GITAM niversity
5.	13-06-12	Teaching Methodologies	Dr.K.Rajarajeswari	Professor,Dept.ofECE, AUCOE, Andhra University
6.	10-03-12	Science of Human Excellence and Management	Dr.T.G.K.Murthy	Advisor to DST, Government of India, and former scientist and director, ISRO
7.	23-11-11	Analog VLSI Design	Dr.P.Vijaya sankara Rao, Asst. Prof	IIIT HYDERABAD
8.	28-09-11	VLSI Embedded Systems, Telecommunication and Networking	Mr.J.Srinivasa Raju, Divisional Head,	UTL Technologies Ltd, Bangalore.
9.	26-08-11	Importance of Electromagnetic Interference and Electromagnetic Compatibility (EMI/EMC) and its effect on humanity	Dr.P.Mallikarjuna Rao, Professor	ECE Department, Andhra University
10.	14-11-10	Multirate signal processing and filter banks	Prof. Elizabeth Elias	Professor, NIT Calicut
11.	14-11-10	Solid state block proving axle counter	Mr. Ramasamy	Chief Design Engineer, M/s Efftronics Systems
12.	13-11-10	EMI/EMC	Prof. G.S.N. Raju, Principal	College of Engineeing, Andhra University
13.	13-11-10	Technological innovations for social innovations	Mr. M.G.P.L. Narayana	Vice President, TCS, Hyderabad
14.	12-02-10	Digital signal processing	Prof.K.Raja Rajeswari, Professor,	Dept of ECE, Andhra University
15.	05-01-10	Advances in communication systems	Prof. G.S.N. Raju, Chairman, BoS.	College of Engineering, Andhra University
16.	21-11-09	Design and Analysis of localization Fusion Algorithm in Wireless Sensor Works:	Mr.Garimella Rama Murthy	Communication and Networking Research

		Development of Test Bed		Center, IIIT, Hyderabad
17.	25.08.09	Digital Radio Broadcasting	Mr.I.I.George Superintendent Engineer	All India Radio, Visakhapatnam
18.	20-06-09	Navigational Aids	Prof. G. Sasibhushana Rao	Professor, College of Engg. , AU, Visakhapatnam
19.	19.06.09	DSP applications and Teaching methodologies	Prof. K. Rajarajeswari	Professor, College of Engineering, AU, Visakhapatnam
20.	19-06-09	Electromagnetic field theory	Prof. G.S.N.Raju	Chairman, BoS, ECE Department, AU

**Consultancy activities** : The repair works of power supplies of the Physics department, Bio-Technology as well as our department are done by us regularly during summer.

**Grants applied for** :

**Departmental achievements** :

**1. Memorandum of Understanding:**

ORGANIZATION	PERIOD	BENEFICIARIES
<b>UTL TECHNOLOGIES LTD, BENGALURU.</b> (UTL is a group of United Telecoms Ltd, engaged in imparting quality education in the fields of IT and related fields and empanelled with ministry of external affair, Govt of India.) Offers student projects and trains the faculty/students.	<b>21-05-2011 To 20-05-2014</b>	students & faculty Department of ECE, ANITS
<b>ANDHRA ELECTRONICS LTD, KAKINADA</b> Manufacturers of quartz crystal electronics circuits and software wing located in Chennai. Offers student projects and trains the faculty/students.	<b>15-04-2011 To 14-04-2014</b>	students & faculty Department of ECE, ANITS
<b>THE ETIKOPPAKA CO-OPERATIVE AGRICULTURE AND INDUSTRIAL SOCIETY LTD</b> This is a First co- operative sugar factory having crushing capacity of 2000 tons per day The crushing of sugar cane is being carried out using PLC based drives and power supply units. After identifying the problems, some of the problems will be assigned as projects at final year level and students will develop proto type models. This can be really applied later.	<b>05-05-2011 To 04-05-2014</b>	students & faculty Department of ECE, ANITS

**2. Faculty Qualification Improvements:**

S. No	Name of the Faculty	Previous Qualification	Qualification Improvement
1.	Dr.Ramesh challagundla Prof & HOD	M.E	Ph.D from AU
1	Mr. P, Kishore Sr.Asst.Prof.	M.Tech.	Pursuing Ph.D (Part-Time) at JNTU, Kakinada
2	Ms.Ch.Anoosha Asst. Prof.	B.Tech.	Pursuing M.Tech(R&M) at AU
3	Ms.M.Nirmala Asst. Prof.	B.Tech.	Pursuing M.Tech(R&M) at AU
4	Mr.D.Anil Prasad Asst. Prof.	B.Tech.	Pursuing M.Tech.(VLSI) at NIT, Calicut under QIP

3. a. Papers published by the faculty in International Journals : Nil

b. Papers published by the faculty in National Journals : Nil

c. Papers presented by the faculty in International Conferences : 07

d. Papers presented by the faculty in National Conferences : 08

**3. Publications by Staff**

Publication Details	Conference / Journal	National / International	Staff name(s)
National Conference on Advanced Communication & Computer Technologies (ACCT-2012), IETE, Visakhapatnam Centre, NSTL, Visakhapatnam, during 6 <sup>th</sup> -7 <sup>th</sup> July 2012.	Conference	National	Ms.Ch.Anoosha
National Conference on Advanced Communication & Computer Technologies (ACCT-2012), IETE, Visakhapatnam Centre, NSTL, Visakhapatnam, during 6 <sup>th</sup> -7 <sup>th</sup> July 2012.	Conference	National	Mr.J.Bhaskar Rao
28 <sup>th</sup> review of progress in applied computational electromagnetics ACES-12, columbus, Ohio, USA, during 12 <sup>th</sup> -14 <sup>th</sup> April 2012.	Conference	International	Mrs.V.RajyaLakshmi
National Conference on Advances in Communication, Navigation and Computer Networks (ACNCN-2012), Department of ECE, Technically Co-sponsored by Hyderabad IEEE Section at Andhra University college of Engineering(A), during 17 <sup>th</sup> -18 <sup>th</sup> March 2012.	Conference	National	Mr.A.Lakshmi Narayana
National Conference on Advances in Communication, Navigation and Computer Networks (ACNCN-2012), Department of ECE, Technically Co-sponsored by Hyderabad IEEE Section at Andhra University college of Engineering(A), during 17 <sup>th</sup> -18 <sup>th</sup> March 2012.	Conference	National	Mrs.V.RajyaLakshmi
National Conference on Advances in Communication, Navigation and Computer Networks (ACNCN-2012), Department of ECE, Technically Co-sponsored by Hyderabad IEEE Section at Andhra University college of Engineering(A), during 17 <sup>th</sup> -18 <sup>th</sup> March 2012.	Conference	National	MrP.Kishore
National Conference on Advances in Communication, Navigation and Computer Networks (ACNCN-2012), Department of ECE, Technically Co-sponsored by Hyderabad IEEE Section at Andhra University college of Engineering(A), during 17 <sup>th</sup> -18 <sup>th</sup> March 2012.	Conference	National	Mrs.N.Swathi
National Conference on NCACT 2012, Department of ECE, GITAM University, during 9 <sup>th</sup> -10 <sup>th</sup> Dec 2011.	Conference	National	Ms.Swathi Nadipineni
National Conference on INDICON 2011, IEEE Hyderabad Section, BITS Hyderabad Campus, during 16 <sup>th</sup> -18 <sup>th</sup> Dec 2011.	Conference	National	Ms.Swathi Nadipineni
International Confrence on Microwaves, Antennas, Propagation and Remote Sensing (ICMARS-2011), Jodhpur, during 19 <sup>th</sup> -21 <sup>st</sup> Dec 2011.	Conference	International	Mrs.V.RajyaLakshmi
National Conference on (NCETEC 2K11), Department of ECE, BVC Engineering College, Odalarevu, during 3 <sup>rd</sup> -4 <sup>th</sup> Dec 2011.	Conference	National	Mr.J.Bhaskar Rao
Progress in electromagnetics research symposium PIERS-11, Suzhou, China, during 12 <sup>th</sup> -16 <sup>th</sup> Sep 2011.	Conference	International	Mrs.V.RajyaLakshmi
International conference on machine intelligence application to power, signal processing communication and control (MIPSCON-2011), GMRIT, Srikakulam, during 7 <sup>th</sup> -9 <sup>th</sup> April 2011.	Conference	International	Mrs.V.RajyaLakshmi
27 <sup>th</sup> review of progress in applied computational electromagnetics ACES-11, williamsburg, virginia, USA, during 27 <sup>th</sup> -31 <sup>st</sup> March 2011.	Conference	International	Mrs.V.RajyaLakshmi
27 <sup>th</sup> review of progress in applied computational electromagnetics ACES-11, williamsburg, virginia, USA, during 27 <sup>th</sup> -31 <sup>st</sup> March 2011.	Conference	International	Mrs.V.RajyaLakshmi
International Conference on Devices and Communication, Department Of ECE, BITS, Ranchi	Conference	International	Dr.Prasad Gandikota Mr.P.Kishore Mr.D.Anil Prasad

#### 4. Seminar / Workshop Attended by Staff

Name of the Seminar/Workshop/ Conference attended	Workshop/ Conference / Seminar	National / International	Staff name(s)
Attended the two workshop on "MATLAB AND ITS APPLICATION" organized by Department of ECE, Andhra University College of Engineering (A), Vishakhapatnam during 12 <sup>th</sup> -13 <sup>th</sup> November 2011.	Workshop	National	Mr.P.Kishore Ms.M.Nirmala, Ms.Ch.Anoosha, Mr.A.Lakshmi Narayana, Ms. Swathi Nasipineni, Mr.S.S.Krupakar,
Participated in Five-day Staff Development Program on "Instructional Design And Delivery system" conducted by NITTR,Chennai at ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES during 13 <sup>h</sup> June to 18 <sup>th</sup> June 2011.	Workshop	National	Mrs.K.Deepa, Ms.Ch.Uma, Mr.J.Bhaskara Rao, Mrs.D.Nagamani, Mrs.B.Nalini, Mrs.K.Sarada Rani, Mr.A.Siva Kumar Mr.A.Lakshmi Narayana Mrs.V.Ragini Ms.G.Gayathri Ms.Swathi Nadipineni Mr.B.Chandhra Mouli Ms.D.Vijaya Lakshmi Ms.Y.Lavanya
participated in a two day National workshop on "Advances in Signal and Image processing" organized by Department of ECE, University College of Engineering, Kakinada during 25 <sup>th</sup> -26 <sup>th</sup> February 2011	Workshop	National	Mrs.N.Swathi
Participated in Five-day Staff Development Program on "Instructional Design And Delivery system" conducted by NITTR,Chennai at ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES during 14 <sup>th</sup> June to 19 <sup>th</sup> June 2010.	Workshop	National	Ms.G.Radha Kumari, Ms.M.Nirmala, Mrs.N.Swathi, Ms.Ch.Anoosha, Mr.Ch.Manohar Kumar, Ms.P.Sowmya, Ms.S.Malathi
Participated in workshop on high impact teaching skills "Mission 10X" sponsored by Wipro assisted by Dalecarnegie during 17 <sup>th</sup> May to 22 <sup>nd</sup> May 2010.	Workshop	National	Mrs.P.S.M.Veena, Mrs.N.Swathi Ms.K.Pavani
Participated in a two weeks Staff Development Programme on "Computational Intelligence and its Applications to Data Mining" sponsored by AICTE organized by Department of CSE, Anil Neerukonda Institute of Technology and Sciences during 30 <sup>th</sup> April to 13 <sup>th</sup> May 2010.	Workshop	National	Mrs.M.Syamala, Ms.G.Radha Kumari, Mrs.K.Durga Rao
Participated in a two week faculty updation program on "EMBEDDED SYSTEMS (DEVICE DRIVES) "(FUTURE) sponsored by MHRD organized by CDAC,Hyderabad during 18 <sup>th</sup> May to 28 <sup>th</sup> May 2010.	Workshop	National	Ms.M.Nirmala, Ms.Ch.Anoosha
Attended a two week faculty development program on "System Design using FPGA"(FUTURE) sponsored by MHRD organized by CDAC, Hyderabad during 17 <sup>th</sup> May to 29 <sup>th</sup> May 2009.	Workshop	National	Mr.T.SudheerKum ar, , Mr.P.Kishore,

Attended a two week summer school on "Microwave and Radar Engineering" sponsored by MHRD, organized by Department of ECE,NIT Warangal during 15 <sup>th</sup> June to 28 <sup>th</sup> June 2009.	Workshop	National	Mr.T.Sudheer Kumar,
Participated in a one week short term course on "Technology CAD for VLSI Design" sponsored by AICTE and MHRD organized by Department of E&EC, IIT Kharagpur and Department of ECE, AUCE(A) during 1 <sup>st</sup> June to 7 <sup>th</sup> June 2009.	Workshop	National	Ms.M.Sujana, Mr.T.SudheerKumar, Mr.P.Kishore, Mrs.M.Syamala, Mrs.N.Swathi,
Participated in a skill building workshop "INSIGHT 09" organized by Infosys Leadership Institution.	Workshop	National	Dr .Prasad Gandikota

## 5. Publications by Students

Publication Details	Conference / Journal	National / International	Student name(s)
Presented a paper in Technozion'11 organized by National Institute of Technology, Warangal during 23 <sup>rd</sup> -25 <sup>th</sup> Sep 2011.	Technozion11	National	Mr.B.Chaitanya Varma
Presented a paper in a National Level Student Technical Symposium, in the event STEP2k11 organized by Department of System Design, Andhra University in coordination with IES and VES Technologies, Visakhapatnam during 8 <sup>th</sup> -10 <sup>th</sup> , August 2011 and won first prize.	STEP2k11	National	Mr.Ch.Varun Ms.A.Anusha
COLLOQUY event of Technograil organized by department of CSE College of Engineering Andhra University , Visakhapatnam	COLLOQUY	National	Ms. M Sushma
COLLOQUY event of Technozion organized by department of CSE College of Engineering Andhra University , Visakhapatnam	COLLOQUY	National	Mr. MK Kareemuddin Mr. G Santhosh Ms. TS Trinath Reddy
Technozion X Organized by National Institute of Technology (NIT) Warangal	Technozion X	National	Mr. Hemanth Kumar Mr. R Akarsh Mr N. Manikanta
COLLOQUY event of Technozion organized by department of CSE College of Engineering Andhra University , Visakhapatnam	COLLOQUY	National	Ms Ch Lavanaya Ms Ch Neeraja Krishna
Organized by National Institute of Technology (NIT) Warangal	Technozion X	National	Ms M Priyanka Ms Jyothsna Devi Ms K Poojitha
Presented a National Level Technical Symposium at GMRIT, Rajam		National	Ms.S.Madhu Srihitha Ms.K.Rani Poojitha
Gayatri Vidhya Parishad College of Engineering(A) organized by Department of Electrical and Electronics Engineering Visakhapatnam	ABHIYANA-10	National	Mr.N.Vinay Kumar Ms.J.Bindu Mr.T.Mahesh Babu
National Level Technical Symposium at Gayatri Vidhya Parishad College of Engineering(A) organized by Department of Electrical and Electronics Engineering Visakhapatnam	ABHIYANTA'10	National	Mr.Hussain Mr.A.B,M.Abhijit Mr.Ravi Sagi
National Level Technical Symposium at Pydah College of Engineering and Technology, Visakhapatnam	Invento 09	National	Ms.K.PoojithaRani Devi Mr.N.Pridhvi Ranjan
Wired Robot Racing Competition" part of "ROBOKRITI-NXT" conducted by "TECHNOPHILIA "in association with TECHNOZION-NIT WARANGAL	ROBOKRITI-NXT	National	Ms.Aleti Mridilla
Wired Robot Racing Competition" part of "ROBOKRITI-NXT" conducted by "TECHNOPHILIA "in association with TECHNOZION-NIT WARANGAL,	ROBOKRITI-NXT	National	Ms.Ch.Geetha Vagdevi
Wired Robot Racing Competition" part of "ROBOKRITI-NXT" conducted by "TECHNOPHILIA "in association with TECHNOZION-NIT WARANGAL	ROBOKRITI-NXT	National	Mr.M.LakshmiRamu Naidu
Viveka Jyothi " an Andhra Pradesh State wide	Viveka Jyothi	National	Mr P. Venkata



Telugu elocution competition at Ramakrishna Mission Ashrama Visakhapatnam			Yeshwanth
SPIKES-09 , departments of Instrument Technology, Andhra University College of Engineering, Visakhapatnam	SPIKES-09	National	Ms.Y.Yamuna Ms.S.V.Mahitha Ms.V.S.S.Keerthy
AASTHA , department ofECE ,Raghu College of Engineering, Visakhapatnam	AASTHA	National	Mr.N.Gowtam Mr.Rohit Mr.Pavan

#### 6. Seminar / Workshop Attended by students

Name of the Seminar/Workshop/ Conference attended	Workshop/ Conference/ Seminar	National / International	Name of the student
Participated in SHAASTRA 2011 organized by Indian Institute of Technology, Madras during 28 <sup>th</sup> Sep to 2 <sup>nd</sup> Oct 2011.	Workshop	National	Ms.O.Prasanti Ms.N.Vineesha Ms.N.Vinuthna Ms.T.Sowmya
Participated in “ANDROD WORKSHOP” in the event Technozion’11 organized by National Institute of Technology, Warangal during 23 <sup>rd</sup> -25 <sup>th</sup> Sep 2011.	Workshop	National	Mr.Ch.A.V.P.Suresh Raja Mr.S.Anirudh Varma
Participated in the event “ASTRO PHOTOGRAPHY” conducted at SHAASTRA 2011 organized by Indian Institute of Technology, Madras during 28 <sup>th</sup> Sep to 2 <sup>nd</sup> Oct 2011.	Workshop	National	Mr.P.L.Srinivasulu Mr.R.Chandrakanth Samuel, Mr.P.V.Narasimha Raju
Participated in the event “ANDROID APPS” conducted at SHAASTRA 2011 organized by Indian Institute of Technology, Madras during 28 <sup>th</sup> Sep to 2 <sup>nd</sup> Oct 2011.	Workshop	National	Mr.V.V.Ratna Kumar Mr.P.Vinod Sankar Mr.P.Veera Venkat
Participated in the event “PARALLEL PROGRAMMING” conducted at SHAASTRA 2011 organized by Indian Institute of Technology, Madras during 28 <sup>th</sup> Sep to 2 <sup>nd</sup> Oct 2011.	Workshop	National	Mr.K.Vamsi Baskar
participated in “ROCKERY WORKSHOP” conducted during TECHNOZION X organized by National Institute of Technology, Warangal during 24 <sup>th</sup> -26 <sup>th</sup> September 2010.	Workshop	National	Mr.R.Akash
participated in “CIRCUITRIX, CHARGED EXTREME ENGINEERING” conducted during TECHNOZION X organized by National Institute of Technology, Warangal during 24 <sup>th</sup> -26 <sup>th</sup> September 2010.	Workshop	National	Ms.K.Sowjanya ,Ms.B.N.V.V.Jyothi, Ms.B.Monika Mr.G.Santosh Ravi Teja,,Mr.B.Ravi Raja , Mr.M.K.Kareemuddin Ms.Reddy Rajah Ratam,,Ms.N.UmaDevi , Ms.M.Sushma
participated in “JUNKYARD WARS, JAHAAZ” conducted during TECHNOZION X organized by National Institute of Technology, Warangal during 24 <sup>th</sup> -26 <sup>th</sup> September 2010.	Workshop	National	Ms.V.Gowthami Lakshmi, Mr.N.Manikanta, Ms.P.Sireesh
participated in “Li2 ROBO EYE” Image Processing based Robotics Workshop organized by National Institute of Technology, Warangal during 24 <sup>th</sup> -26 <sup>th</sup> September 2010.	Workshop	National	Ms.V.Gowthami Lakshmi, Ms.K.Sowjanya, Ms.P.Sireesha
Participated in “SAT-BOT-TRICKS” organized by Robosapiens India at National Institute of Technology, Warangal during 24 <sup>th</sup> -26 <sup>th</sup> September 2010.	Workshop	National	Ms.P.Sushmitha, Mr.V.HemanthKumar ,Mr.N.Manikanta, Mr.G.Santosh Ravi Teja,,Mr.M.K.Kareem uddin Mr.K.RaviTeja, Ms.B.N.V.V.Jyothi, Ms.B.Monika Ms.N.V.S.UmaDevi,

			Ms.Reddy Rajah Ratam, Mr.B.RaviRaja
Participated in “CIRCUITRIX, CHARGED EXTREME ENGINEERING” conducted during TECHNOZION X organized by National Institute of Technology, Warangal during 24 <sup>th</sup> -26 <sup>th</sup> September 2010.	Workshop	National	Ms.P.Sushmitha, Mr.V.HemanthKumar ,Mr.K.Ravi Teja III/IV ECE has
Presented on ‘VLSI’ in the event of TECHNOGRAIL organized by Department of Computer Science and System Engineering, College of Engineering, Andhra University, Visakhapatnam during 18 <sup>th</sup> -19 <sup>th</sup> Sep 2010.	Workshop	National	Mr.Y.Bharat Kumar, Mr.A.Tushal, Mr.Ch.Sarath
participated in an event “ ETHICAL HACKING” organized by Department of Computer Science and Systems Engineering ,College of Engineering, Andhra University on 17 <sup>th</sup> September 2010	Workshop	National	Ms.P.Sushmitha
Participated “Robot 2009” organized by Rotary club at YMCA, Visakhapatnam	Workshop	National	Harika , B.S.R.Pavan, S.S.K.Prasanth,
Participated “ROBOKRITI-NXT” workshop based on art of building robots conducted by “TECHNOPHILIA “in association with TECHNOZION-NIT WARANGAL, organized by ANITS,Visakhapatnam during 21 <sup>st</sup> and 22 <sup>nd</sup> August,2009.	Workshop	National	Ms.Aleti Mridilla Mr.A.B.Hussain Mr.M.Lakshmi Ramu Naidu,Mr.Bharat Kumar Potipireddi Ms.Navya Pericherla SatyaSindhu, Marothu Srilatha
Industrial training in Airports Authority of India,Visakhapatnam and submitted a report on “Non Directional Beacon”.	Workshop	National	B.S.R.Pavan,,C.A.K.Ka rthik, T.TejaKrishna, M.V.Sivakumar,,N.V. Gowtham
One month industrial training in Naval Science and Technology Laboratory, NSTL, Visakhapatnam and submitted a report on “Data Acquisition and Fuel flow in Servo Valve”.	Workshop	National	Ch.Meher Chand, V.Harika,S.S.K.Prasanth,

#### 7. Prizes/ Merit Awards won by Students:

- Ms.Ch. K. Tejaswini bagged the **GOLD MEDAL of Andhra University** for her outstanding performance by securing overall aggregate of **87.36 % among all the B.E. (ECE) students**. This includes the students of all affiliated colleges including Andhra University.
- Ms.M.Priyanka, Ms.K.Jyothsna Devi, Ms.K.Poojitha III/IV ECE presented a paper on “**Generation of Electricity from Wind Using Solar Air Ballons**” during TECHNOZION X organized by National Institute of Technology, Warangal during 24<sup>th</sup> -26<sup>th</sup> September 2010 and won **first prize**.
- Ms.P.Vani, III/IV ECE secured **first** position in Essay Writing Competition (English) on “Education is manifestation of the perfection already in man” held at Ramakrishna Mission Ashrama,Visakhapatnam on 5<sup>th</sup> Jan 2011.
- Ms.N.Ragini devi, Ms.P.Sandhya, II/IV ECE presented a paper on “**Solid and Demolition Waste Management**” in a National Level Student Technical Symposium, GREENTECH 2011 organized by Department of Chemical, Mechanical & Civil Engineering, MVGR College of Engineering Vizianagaram and Andhra Pradesh Pollution Control Board, Regional Office, Vizianagaram during Jan 19<sup>th</sup> -20<sup>th</sup> 2011 and stood **first**.
- Mr.Ch.Varun, II/IV ECE presented a paper on “**Stealth Technique for Air Navigation**” in a national level student technical symposium, INTERACT-2K11 organized by department of Electronics and Communication Engineering, ANITS Engineering College, Sangivalasa during Feb 19<sup>th</sup> and 20<sup>th</sup> 2011 and got **second prize**.
- Ms.M.Vinuthna, II/IV ECE participated in the event of **UNMUTE** in a national level student technical symposium, INTERACT-2K11 organized by department of Electronics and Communication Engineering, ANITS Engineering College, Sangivalasa during Feb 19<sup>th</sup> and 20<sup>th</sup> 2011 and got **second prize**.
- Ms.P.Tulasi Chowdary, II/IV ECE participated in the event of **MOCK INTERVIEW** in a national level student technical symposium, INTERACT-2K11 organized by department

of Electronics and Communication Engineering, ANITS Engineering College, Sangivalasa during Feb 19<sup>th</sup> and 20<sup>th</sup> 2011 and got **first prize**.

- Ms.N.Ragini devi, Ms.P.Sandhya, II/IVECE presented a paper on “**Cellonics Technology**” in a National Level Student Technical Symposium, in the event vidyatech 2k11 organized by Raghu Engineering College during Feb 22<sup>nd</sup> -23<sup>rd</sup>, 2011 and stood **first**.
- Mr.Adhitya P IV/IV ECE, Ms.K.Rani Poojitha Devi, Ms.M.Priyanka III/IV ECE presented paper on “**Generation of electricity using wind energy and solar balloons**” in the event **INNOVATOR-2010** organized by Confederation of Indian Industry, southern region on 11<sup>th</sup> March 2011 and won **best stall award**.

#### 8. HINDU E-PLUS CLUB CHALLENGE

- Mr.T.Trinadh Reddy, Mr.B.Ravi Raja, Mr.P.Umamaheswar Rao, Mr.J.Sreekanth, III/IV ECE won **second Prize in Quiz** at Hindu E-plus club challenge -2011 held at Raghu engineering College on 23<sup>rd</sup> Nov 2010 at Raghu Educational Institutions and in association with Conduira
- Ms.K.Lata, III/IV ECE won **first prize** in Group discussion Hindu E-plus club challenge - 2011 held at Raghu engineering College on 23<sup>rd</sup> Nov 2010 at Raghu Educational Institutions and in association with Conduira
- Ms.B.Sravva, III/IV ECE won **second prize** Hindu E-plus club challenge -2011 held at Raghu engineering College on 23<sup>rd</sup> Nov 2010 at Raghu Educational Institutions and in association with Conduira
- Ms.K.Poojith Rani III/IV ECE won **second prize** in elocution/extempore at Hindu E-plus club challenge-2011 held at Raghu engineering College on 23<sup>rd</sup> Nov 2010 at Raghu Educational Institutions and in association with Conduira
- Ms.M.K.Priyadarshini III/IV ECE won **second prize** in elocution/extempore at Hindu E-plus club challenge -2011 held at Raghu engineering College on 23<sup>rd</sup> Nov 2010 at Raghu Educational Institutions and in association with Conduira
- Ms.B.Monika,Ms.B.V.Nikhila Jyothi,Ms.P.Sireesha III/IV ECE won **second prize** in Collage/Poster Presentation at Hindu E-plus club challenge -2011 held at Raghu engineering College on 23<sup>rd</sup> Nov 2010 at Raghu Educational Institutions and in association with Conduira

#### 9. Games/ Sports Participated by the students:

- Mr.K.V.Prashanth, IV/IV ECE got selected to participate in All India Interuniversity Competitions representing Andhra Pradesh.
- Mr.Ch.Maruthi siva Sai,I/IV ECE ranked third in inline hockey at 14<sup>th</sup> Asian Rollers Sport championship.
- Mr. Gangadhar, IV/IV ECE participated in under 100m running at an event “**COLORS 2010**” Organized by Kakinada Aditya Engineering College on 9<sup>th</sup>, 10<sup>th</sup> and 11<sup>th</sup> January 2010 and won **first prize**.
- Mr. Gangadhar, IV/IV ECE participated in long jump at an event “**COLORS 2010**” organized by Kakinada Aditya Engineering College on 9<sup>th</sup>, 10<sup>th</sup> and 11<sup>th</sup> January 2010 and won **second prize**.
- Mr. Gangadhar, IV/IV ECE participated in under triple at an event “**COLORS 2010**” organized by Kakinada Aditya Engineering College on 9<sup>th</sup>, 10<sup>th</sup> and 11<sup>th</sup> January 2010 and won **second prize**.

#### 10. Student Co-curricular Activities:

- K. Sujitha II/IV ECE participated in dance competition in “Cultural fest” organized by at GMRIT, Rajam on 4<sup>th</sup> & 5<sup>th</sup> January 2010 and won **second prize**.

#### 11. a. GATE -2011 Ranks:

Mr.G.Sampath Kumar	IV/IV ECE	117
Mr.S.Rohith	IV/IV ECE	891
Ms.Jithendri	IV/IV ECE	1102
Mr.Sagar	IV/IV ECE	2041

**b. GRE -2011 SCORES:**

➤ K.Ramakanth	IV/IV ECE	1360
➤ M.Priyanka	III/IV ECE	1320
➤ Mr.K.Praneeth	IV/IV ECE	1290
➤ Mr.M.L.Ram Naidu	IV/IV ECE	1250
➤ Mr.M.B.Siva sankar	IV/IV ECE	1250
➤ Ms.K.Saranya	IV/IV ECE	1150
➤ Mr.D.Sri Bharath	IV/IV ECE	1080

**c. TOEFL - 2011:**

- Mr.D.Sree Bharath of IV/IV ECE appeared for TOEFL and got 100/120.

**d. CAT – 2011 SCORES:**

➤ Ch.Sai Ram	94
➤ P.Sai Deep	88
➤ Mr.D.Sai Raam	84.63
➤ Mr.T.Sai Teja	83.94

**e. MAT – 2011 SCORE:**

➤ Mr.D.Sai Raam	98.77	
➤ Mr.S.Goutham	98.58	
➤ Mr.R.Srikanth	95.28	
➤ Mr.P.Sai Deep	XAT-2010	99.44
➤ Mr.P.Sai Deep	SNAP	113.25
➤ Mr.P.Sai Deep	JMET	73.25

**12. Department Student Activities:**

1. ACES (ANITS Communication Engineers Society) organized a National level student technical Symposium (INTERACT-2K10) during 19<sup>th</sup>-20<sup>th</sup> Feb 2010.
2. ACES (ANITS Communication Engineers Society) organized a National level student technical Symposium (INTERACT-2K11) during 19<sup>th</sup>-20<sup>th</sup> Feb 2011.
3. ACES (ANITS Communication Engineers Society) organized a National level student technical Symposium (INTERACT-2K12) during 24<sup>th</sup>-25<sup>th</sup> Feb 2012.

**Distinguished Alumni:**

Many students of ECE got placements in reputed MNCs like INFOSYS, WIPRO, SATYAM, Accenture, and Polaris, etc, as given below. 9 batches have graduated as on today. The Alumni meets are conducted regularly for the present student benefit.

Year	Number of students selected	Number of eligible students	Number of Companies
2009	68	85	14
2010	79	90	17
2011	107	123	12
2012	57	97	09

## Sponsored Research

AICTE Sanctioned a grant of Rs 9,00,000/-under Research Promotion Scheme for the project titled “**Development of a computer based inspection system for leather surface defects identification and classification**” during 2012-2014.

Course : **Control Systems Engineering**

Level : PG

1<sup>st</sup> Year approval by the council : 2010-11

Year wise sanctioned intake : 2010-11: 18

: 2011-12: 18

Course : **Electrical & Electronics Engineering**

Level : UG

1<sup>st</sup> Year approval by the council : 2001-02

Year wise sanctioned intake : CAY: 120, CAY-1: 120, CAY-2: 120

Year wise Actual Admissions : CAY: 120, CAY-1: 120, CAY-2: 120

Cut off Rank – General quota : CAY: 7461, CAY-1: 5736, CAY-2: 4652

% Students passed with Distinction : CAY: 24.62, CAY-1: 28.79, CAY-2: 25

% Students passed with First Class : CAY: 47.69, CAY-1: 34.85, CAY-2: 36.67

Students Placed : CAY: 24, CAY-1: 32, CAY-2: 19

Average Pay package, Rs./Year : CAY: 3.17 Lac, CAY-1: 3.27 Lac CAY-2: 3.25 L

Students opted for Higher Studies : CAY: 03, CAY-1: 12, CAY-2: 13

Accreditation Status of the course : Provisionally Accredited

Doctoral Courses : No

Foreign Collaborations, if any : NIL

Professional Society Memberships : ISHRAE - 35, ISTE - 67

Professional activities :

- “Brain Quest” a technical Quiz contest for engineering students of ANITS is organized on September 15<sup>th</sup> 2012 on account of Engineers Day.

Consultancy activities : NIL

Grants fetched : NIL

## **Departmental achievements**

### **1. Faculty Qualification Improvements:**

Sl. No.	NAME	PREVIOUS QUALIFICATION	IMPROVED QUALIFICATION
1	Prof. G. Raja Rao	M.E.	Ph.D. in Electrical Engineering
2	Mrs. K.V.R. Swathi	B.E	M.E. (PEDC)
3	Mr. S. Sasikanth	B.Tech	M.E. (PEDC)
4	Mr. M. Sudheer Kumar	B.Tech	M.E. (PEDC)
5	Mr. K.Trinadh Babu	B.Tech	M.E. (PEDC)
6	Mr. K. Kiran Kumar	B.Tech	M.E. (Control Systems)
7	Mr. B. Rajasekhar	B.Tech	M.E. (Control Systems)
8	Mr. L. Vijay	B.Tech	M.E. (Pursuing)
9	Mr. Kavala Kiran Kumar	B.Tech	M.E. (Pursuing)
10	Ms. A.S. Anitha Nair	B.Tech	M.E. (Pursuing)
11	Ms. D. Sri Lakshmi	B.Tech	M.E. (Pursuing)

### **2. Paper Publications**

CAY (2011-12)

#### **Faculty Publications:**

1. Prof. G.V.K.R. Sastry, HOD of EE, AUCE (A) and Ms. J. Nancy Namratha, Asst. Prof., Department of EEE have presented a paper on “A New Algorithm for the Reduction of High Order Discrete Time Systems Using Generalized Least – Squares Method in the International Conference ICN – 2011, REC, Bhalki, Karnataka during 23<sup>rd</sup> – 25<sup>th</sup> September 2011.
2. Mr. M. Sudheer Kumar, Asst. Prof, Dept. of EEE, Prof. G.V.K.R. Sastry, HOD of EE, AUCE (A) have presented a paper on “A New Approach for Order Reduction of Linear Discrete Systems Using Particle Swarm Optimization Method” in the National Conference NACES-11 at MSRIT, Bangaluru during 21<sup>st</sup> -23<sup>rd</sup> September 2011.
3. Mr. M. Sudheer Kumar, Asst. Prof, Dept. of EEE has presented a paper on “A New Mixed Method for the Order Reduction of Linear Continuous Systems Using Mihailov Criterion and Factor Division Method for MIMO systems” in the National Conference NCACEE-11 at RIT, Pondicherry, Yanam during 11<sup>th</sup> November 2011.
4. Ms. K. Kameswari, Dept. of EEE, Mr. K.V.S.R. Murthy, Assoc. Prof., (GVP) have published a paper entitled, “Improvement of First Swing Stability Limit By Using Facts Devices”, in International Journal of Engineering Research and Applications (IJERA), Vol. 1, Issue 4, pp.1559-1564, Nov. 2011.
5. Mr. R. Satish, Asst Prof., Mr. V. Murali, Assoc Prof and Prof. G. Raja Rao, Dept of EEE have published a paper on “Design of Controllers to Control Frequency for Distributed Generation” in the proceedings of National Conference on Advanced Power System (NCAPS-09) at K. K.

Wagh Institute of Engineering Education and Research, Nashik during 2<sup>nd</sup> and 3<sup>rd</sup> December 2011.

6. Mr. B. Raja Sekhar, Asst. Prof, Dept. of EEE has presented a paper on “Research work on Conversion Environmental Waste to Energy” in the International Conference ICORET at PSG Technological University, Coimbatore during 15<sup>th</sup> - 17<sup>th</sup> Dec 2011.
7. Mr. B. Raja Sekhar, Asst. Prof, Dept. of EEE has presented a paper on “An Innovative frame work for water resource management for meeting the future energy requirements” in the 99<sup>th</sup> National Conference at KIIT University & NISER, Bhubaneswar during 3<sup>rd</sup> - 7<sup>th</sup> Jan 2012.
8. Mr. S. Sasikanth and Mr. K. Trinadh Babu, Dept. of EEE, Mrs. T.R. Jyothsna, Assoc. Prof., AUCE (A) have presented a research paper entitled “Parallel Connection of Soft Switching High Frequency Inverters” at the National conference AECT 2012 organized by Manipal University, Manipal , Karnataka during 2<sup>nd</sup> - 4<sup>th</sup> February 2012.
9. Mr. K. Trinadh Babu and Mr. S. Sasikanth, Dept. of EEE, Mrs. T.R. Jyothsna, Assoc. Prof., AUCE (A) have presented a research paper entitled “Parallel Connection of Load Resonant High Frequency Inverters” at the National conference NCAEEE-2012 organized by Sri Venkateswara College Of Engineering, Chennai, TamilNadu during 17<sup>th</sup> - 18<sup>th</sup> February 2012.
10. Mr. B. Raja Sekhar, Asst. Prof, Mr. Ch.V.N. Raja Dept. of EEE has presented a paper on “An Adaptive Analysis of Linear Quadratic Regulator to control the speed of DC Motor” in the International Conference ACNCN at Andhra University, during 17<sup>th</sup> - 18<sup>th</sup> March 2012.
11. Mr. Ch.V.N. Raja has published a research paper entitled “Designing of Controlling Parameters for a LINEAR REDUCED MODEL SYSTEM" proceedings in the National Conference of CONCON-2012, AU Visakhapatnam, May 30-31, pp.63, 2012.
12. Prof. G. Raja Rao, HOD of EEE has chaired a technical session in the National Conference; CONCON 2012 organized by the Department of EE, Andhra University College of Engineering (A), Visakhapatnam on 31<sup>st</sup> May 2012.
13. Prof. G. Raja Rao, Ms. J.V.B. Jyothi and Mr. T. Narasimhulu, 2/2 ME (CS) have presented a paper on “Approximation of large time delay MIMO systems by using Matrix Pade **Type** Routh Model.” in the National Conference, CONCON 2012 organized by the Department of EE, Andhra University College of Engineering (A), Visakhapatnam during 30<sup>th</sup> & 31<sup>st</sup> May 2012.
14. Mrs. K.V.R. Swathi, Asst Prof., Mr. S.T.P. Ravi Kiran and Mr. Jagannath Ch. Yadav, 2/2 ME (CS) have published a paper on “Auto balancing of Aircraft” in the proceedings of International Conference on Electrical and Electronics Engineering, pp. 107-110 held on 9<sup>th</sup> June 2012 at Tirupati.
15. Mr. M. Sudheer Kumar, Asst Prof., Mr. N. Nagendra and Mr. T. Madhu Babu, 2/2 M.E (CS) have published a paper on “A Novel Mixed Method for Model Order Reduction of Linear Systems using Particle Swarm Optimization and Polynomial Method” in the proceedings of International Conference on Electrical and Electronics Engineering, pp. 175 – 178 held on 9<sup>th</sup> June 2012 at Tirupati.

16. Mr. M. Sudheer Kumar, Asst Prof., Mr. N. Nagendra and Mr. T. Madhu Babu, 2/2 M.E (CS) have published a paper on “Design Of Discrete Controller Via Novel Model Order Reduction Method” in the proceedings of at the International Journal of Engineering Research and Applications (IJERA) in June 2012.
17. Ms. V. Rangavalli, Asst. Prof. and Mr. K. Trinadh Babu., Asst Prof., Dept. of EEE have submitted a research paper entitled “Power Flow Control in HVDC using Fuzzy Logic Controller” at the International Journal of Engineering Research and Applications (IJERA) in June 2012

### **Student Publications:**

1. Mr. G. Jyothi Srinivas of III/IV EEE presented a paper on “ELECTRIC TRACTION” in MAHOTSAV conducted by the department of EEE at Vignan Institute of Information Technology on 17<sup>th</sup> September 2011.
2. Mr. M. Siddarth, Mr. Dipesh Karmakar and Ms. D.S.V.B.M. Jyothsna of III/IV EEE presented a paper on “MAGNETIC LEVITATION” in MAHOTSAV conducted by the department of EEE at Vignan Institute of Information Technology on 17<sup>th</sup> September 2011.
3. Mr. A. Praveen, Mr. K.M.N. Vinay Babu, Mr. M.V. Satish Kumar of III/IV EEE presented a paper on “NANO GENERATORS” in STEPCONE conducted by the department of EEE at GMR COLLEGE OF ENGINEERING on 6<sup>th</sup> January 2012.
4. Mr. B. Harshvardhan, Mr. CH.N.M. Naveen, Mr. K. Ramu III/IV EEE presented a paper on “POWER QUALITY IMPROVEMENT IN HARMONIC ENVIRONMENT” in STEPCONE conducted by the department of EEE at GMR COLLEGE OF ENGINEERING on 6<sup>th</sup> January 2012.
5. Mr. G. Subba Rao, Mr. L.D.N. Pavan Kumar and Mr. K. Srinivas III/IV EEE presented a paper on “GLASS CHARACTERISATION FOR DESIGNING FREQUENCY- SELECTIVE SURFACE TO IMPROVE TRANSMISSION THROUGH ENERGY SAVING GLASS WINDOWS” in EQUBE 2K12 conducted by the department of EEE at Avanthi Institute of Engineering on 7<sup>th</sup> February 2012
6. Mr. D.V. Ravi Teja, Mr. B.Naveen, Mr. D. Mani Bhushan of III/IV EEE presented a paper on “WIRELESS POWER GENERATION USING S.P.S AND RECTANNA” in EQUBE 2K12 conducted by the department of EEE at Avanthi Institute of Engineering on 7<sup>th</sup> February 2012.
7. Mr. K. Gopi Krishna Mr. M.L. Aditya and Mr. P. Adithya student of III/IV EEE, presented a paper on “Intenal temperature monitoring system for transformers using optical fiber grating sensors”, in National Annual Fest organized by BITS, Pilani, Hyderabad on 11<sup>th</sup> & 12<sup>th</sup> February 2012
8. Mr. Pradeep Kumar Panda, Mr. P.Siva and Mr. Siddarth Kamanth of III/IV EEE presented a paper on “STEALTH TECHNOLOGY” in AADHRITHA 2K12 conducted by the department of EEE at MVGR College of Engineering on 13<sup>th</sup> February 2012.
9. Mr. N.Surendra, Mr. P.Ravi Teja and Mr. M.Chaitanya of III/IV EEE presented a paper on “ENERGY MANAGEMENT SYSTEM FOR GREEN FRIENDLY MICRO GRIDS” in AADHRITHA



2K12 conducted by the department of EEE at MVGR College of Engineering on 13<sup>th</sup> February 2012.

10. Mr. Uday Kiran Sahu, Mr. Mohammed Waseem Siddiq and Mr. Shaik Mahaboob Subani II/IV EEE presented a paper on “DC MACHINES” in AADHRITHA 2K12 conducted by the department of EEE at MVGR College of Engineering on 13<sup>th</sup> February 2012.
11. Mr. B.Harshavardhan, Mr. M.Srinivas and Mr. S.Anudeep III/IV EEE presented a paper on “ENERGY THEFT IN THE ADVANCED METERING INFRASTRUCTURE” in SPIKES conducted by the department of Instrumentation at AU College of Engineering on 23<sup>th</sup> February 2012.
12. Mr. G.Purnesh Chandra, Mr. CH.Dileep Kumar and Mr. C.Mohan Bharadwaj of III/IV EEE presented a paper on “MODIFIED ACTIVE FILTER FOR HARMONIC REDUCTION IN POWER SYSTEMS” and won **first prize** in NIPUNA 2K12 conducted by the department of EEE at S.R.K.R College of Engineering on 24<sup>th</sup> February 2012.
13. Ms. M.Revathi, Mr. K.Prasad and Mr. K.Raviteja of III/IV EEE presented a paper on “Motionless Electro magnetic generator” in NIPUNA 2K12 conducted by the department of EEE at S.R.K.R College of Engineering on 24<sup>th</sup> February 2012
14. Mr. M.B.S.P.Santosh of III/IV EEE presented a paper on “HVDC TRANSMISSION SYSTEMS” in AMPERE 2K12 conducted by the department of EEE at AITAM College, Tekkali on 12<sup>th</sup> March 2012
15. Mr. N.Surendra , Mr. P.Mahesh Naidu III/IV EEE presented a paper on “WITRICITY” in ENCURSO2K12 conducted by the department of EEE at JNTU College Of Engineering, Kakinada on 21<sup>th</sup> March 2012.
16. Mr. M.Siddarth, Mr. Dipesh Mr. Karmakar and Ms. D.S.V.B.M.Jyothsna III/IV EEE presented a paper on “STUDIES OF ACOUSTIC-ELECTRIC FEED THROUGH FOR POWER TRANSMISSION THROUGH STRUCTURES” in ENCURSO2K12 conducted by the department of EEE at JNTU College of Engineering, Kakinada on 21<sup>th</sup> March 2012.
17. Mr. G.Abhinav, Ms. P.Virajini III/IV EEE presented a paper on “RESONANT INDUCTIVE COUPLING” in IGENESIS conducted by the department of EEE at AU College of Engineering on 7<sup>th</sup> September 2012.
18. Ms. J.Sireesha, Ms. N.Anusha Ms. V.Anusha and G.L.N.D.Sindhu III/IV EEE presented a paper on “FLOATING WIND GENERATORS” in IGENESIS conducted by the department of EEE at AU College of Engineering on 7<sup>th</sup> September 2012.
19. Mr. P.Dileep Kumar and Mr. G.Vidya Sagar III/IV EEE presented a paper on “ENERGY THEFT IN THE ADVANCED METERING INFRASTRUCTURE” in IGENESIS conducted by the department of EEE at AU College of Engineering on 7<sup>th</sup> September 2012.
20. Mr. Govinda Srinivas III/IV EEE presented a paper on “SOLAR ENERGY” at an event conducted by the department of EEE at VITS College, Sontyam.
21. Mr. G.Abhinav, Ms. P.Virajini III/IV EEE presented a paper on “Resonant Inductive Coupling” in IGENESIS conducted by the department of EEE at AU College of Engineering on 7<sup>th</sup> September 2012.

22. Ms. J.Sireesha, Ms. N.Anusha Ms. V.Anusha and G.L.N.D.Sindhu III/IV EEE presented a paper on “Floating Wind Generators” in IGENESIS conducted by the department of EEE at AU College of Engineering on 7<sup>th</sup> September 2012.
23. Mr. P.Dileep Kumar and Mr. G.Vidya Sagar III/IV EEE presented a paper on “Energy Theft in the Advanced Metering Infrastructure” in IGENESIS conducted by the department of EEE at AU College of Engineering on 7<sup>th</sup> September 2012.
24. Mr. B.Dheeraj Kumar of III/IV EEE presented a paper in IGENESIS conducted by the department of EEE at AU College of Engineering during 5<sup>th</sup> to 8<sup>th</sup> September 2012.

## CAY (2010-11)

### Faculty Publications:

1. Mr. Ch.V.N. Raja has published a research paper entitled “Tunning of a SMIB CONTROLLING PARAMETERS using ARTIFICIAL NEURAL NETWORKS” in the proceedings **National Conference** of PST-2010, AU Visakhapatnam, July 29-30, 2010 pp.43-45.
2. Mr. Ch.V.N. Raja, Asst. Prof., Mr. S. Bala Murali, Assoc. Prof. and Prof. R. Govardhana Rao have published a research paper entitled “Generation of a PSS Controlling Parameters Using Artificial Neural Networks" in the proceedings National Conference of NSER-2011, Anna University Tiruchurapalli, organized during March 18<sup>th</sup> - 20<sup>th</sup>, 2011.
3. Mrs. K. V. R. Swathi, Asst. Prof, Dept. of EEE, Mr. B. Amarendra Reddy, Asst. Prof., AUCE (A) have presented a paper on “Performance Evolution of Fuzzy Controller for DC Boost Converter” in the National Conference NESR-11 at Anna University of Technology, Tiruchirapalli during March 18<sup>th</sup> - 20<sup>th</sup>, 2011.
4. Mr. R. Satish and Mr. V. Murali, Dept. of EEE, Mr. G. Pavan Kumar, Delhi Metro Railways have presented a research paper entitled “Design of PI controllers by using Bacterial Foraging Strategy to control Frequency for Distributed Generation” at the **International conference ICETECT 2011** organized by St. Xavier’s Catholic College of Engineering, Kanyakumari, Tamilnadu during 23<sup>rd</sup> & 24<sup>th</sup> March 2011.
5. Mrs. K. V. R. Swathi, Asst. Prof, Dept. of EEE, Mr. B. Amarendra Reddy, Asst. Prof., AUCE (A) have presented a paper on “Evolution of Fuzzy Controller for DC Buck Converter” in the International Conference MIPSCCON at GMRIT, Rajam during 7<sup>th</sup> - 9<sup>th</sup> April 2011.

### Student Publications:

1. Ms. B.Kalyani and Ms M. Lalitha Kumari of II/IV EEE presented a paper on “ TSUNAMI WARNING SYSTEM TO MOBILE PHONES” in SPUTNIK 2K10 a National level student Technical symposium at Sri Prakash College of Engineering on 22<sup>nd</sup> and 23<sup>rd</sup> December 2010.
2. Ms. B.Kalyani and Ms M. Lalitha Kumari of II/IV EEE presented a paper on “ ADVANCED HVDC TECHNOLOGY” and won the **first prize** in CAVEY FEST 2K10 conducted by the department of EEE at Nightingale Engineering college on 29<sup>th</sup> to 31<sup>st</sup> December 2010.
3. Mr. Ch. Moses Prasanth Joy and Mr. K.M.N.Vinay Babu of II/IV EEE presented a paper on “ POWER MOSFET” in CAVEY FEST 2K10 conducted by the department of EEE at Nightingale Engineering college on 29<sup>th</sup> to 31<sup>st</sup> December 2010.
4. Mr. R. Ramesh of III/IV BE (EEE) has participated and won the **6<sup>th</sup> prize all over India** in the First CSR Super Brain Essay Contest 2011 organized by **competition success review magazine** in month of February 2011.
5. Ms. M. S. V. Kalyani and Ms. G. Nagamani have participated in the National Level Paper presentation on “MODERN TRENDS IN POWER GENERATION” and won the **Second prize** in “GITS 2K11” organized by the Department of Electrical Engineering GI during 18<sup>th</sup> – 19<sup>th</sup> February 2011.
6. Ms M. Lalitha Kumari and Mr. M. Sushruth of II/IV EEE presented a paper on “ POWER SYSTEM OPERATION AND CONTROL USING FACT DEVICES” in Ekathra-2K11 conducted by the department of EEE at Gayathri Vidya Parishad College Of Engineering on 18<sup>th</sup> February 2011.
7. Ms Surabhi T.J and Mr. M.Sushruth and Mr. R.V.K. Chaitanya of II/IV EEE presented a paper on “WITRICITY” in IIZA2K11 conducted by the department of EEE at Chaitanya College of Engineering on 21<sup>st</sup> February 2011.
8. Ms. B. Kalyani and Ms. M. Lalitha Kumari of II/IV EEE presented a paper on “PELAMIS WAVE ENERGY CONVERTER” in IIZA2K11 conducted by the department of EEE at Chaitanya College of Engineering on 21<sup>st</sup> February 2011.
9. Mr. M. Sushruth, Mr. B.Ravi Teja and Mr. Ch.K. Chaitanya of II/IV EEE presented a paper on “MAGNETO HYDRO DYNAMIC SYSTEM IN POWER GENERATION” in ENCURSO2K11 conducted by the department of EEE at JNTU College of Engineering, Kakinada on 26<sup>th</sup> February 2011.

10. Mr. Najiya Kowsar, Ms. P. Jyothsna and Mr. R.V. KChaitanya of II/IV EEE presented a paper on “MODERN TRENDS IN POWER TRANSMISSION SYSTEMS” in ENCURSO2K11 conducted by the department of EEE at JNTU College of Engineering, Kakinada on 26<sup>th</sup> February 2011.

## CAY (2009-10)

### Faculty Publications:

1. Mrs. A. Praveena, Asst. Prof. and Mrs. Dr. A. Lakshmi Devi, Assoc. Prof., department of EEE have published a paper entitled “An Analytical Method to Improve the Performance of Radial Distribution Networks with Distributed Generation in SPDCL, AP – A Case Study” in International Journal on Electronic and Electrical Engineering (IJEED) June 2009.
2. Prof. G.V.K.R. Sastry and Prof. G. Raja Rao have published a research paper entitled “Reduction of Multivariable Interval Systems using Simplified Polynomial Derivative Technique”, in International Journal of Applied Engineering Research, Vol. 4, No. 12, pp. 2407 – 2414, Dec. 2009.
3. Mrs. K.V.R. Swathi and Mr. S. Sasikanth Asst Prof of EEE department have participated and presented a paper on “Sinusoidal Pulse Width Modulation Technique for Multilevel Cascaded inverter” in the two day National Conference organized by department of Electrical engineering, Andhra University on 30<sup>th</sup> & 31<sup>st</sup> May 2010.

### Student Publications:

1. Ms. R. Vineela & Ms. N. Sindhu of 2/4 EEE have presented a paper on “Nano Technology Fuel cells” in the TECHNOZION’09 organized by Kaushik College of Engineering on 5<sup>th</sup> & 6<sup>th</sup> August 2009.
2. Ms. R. Vineela, Ms. N. Sindhu & G.S.S. Srikant Sarma 3/4 EEE department have presented a paper on “Harvesting electricity from sea swells” at the national technical symposium TECHNOZION, conducted by NATIONAL INSTITUTE OF TECHNOLOGY, Warangal on 25<sup>th</sup> to 27<sup>th</sup> September 2009.

### Distinguished Alumni of EEE:

Sl. No.	Name of the Alumni	Batch	Present Position
1	P. Anil Kumar	2001-05	HSL
2	P. Santosh Kuamr	2002-06	L&T, Chennai
3	S. Sudhakar	2003-07	IOCL

4	N. Santosh	2004-08	Indian Navy
5	T. Teja Swaroop	2004-08	BARC
6	P. Kranthi Kuamr	2005-09	BHEL
7	V. Sathi Babu	2005-09	BHEL

<b>Name of the Department</b>	<b>COMPUTER SCIENCE AND ENGINEERING</b>		
<b>Course</b>	<b>B.TECH</b>		
<b>Level</b>	<b>UNDERGRADUATE</b>		
<b>1<sup>st</sup> Year Approval by the Council</b>	<b>2001</b>		
<b>Year Wise Sanctioned Intake</b>	<b>CAY: 120</b>	<b>CAY-1: 120</b>	<b>CAY-2: 120</b>
<b>Year Wise Actual Admissions</b>	<b>CAY: 120</b>	<b>CAY-1: 120</b>	<b>CAY-2: 120</b>
<b>Cut off Marks / Ranks-General Quota</b>	<b>CAY: (M) 10110 (F) 9940</b>	<b>CAY-1: (M) 9390 (F) 9564</b>	<b>-2: (M) 11028 (F) 10140</b>
<b>% Students passed with Distinction</b>	<b>CAY: 47</b>	<b>CAY-1: 39</b>	<b>CAY-2: 44.26</b>
<b>% Students passed with First Class</b>	<b>CAY:0.015</b>	<b>CAY-1: 0.033</b>	<b>CAY-2: 0.05</b>
<b>Students Placed</b>	<b>CAY:56</b>	<b>CAY-1: 38</b>	<b>CAY-2: 34</b>
<b>Average Pay package, Rs./Year</b>	<b>CAY:3.057</b>	<b>CAY-1: 2.702</b>	<b>CAY-2: 2.511</b>
<b>Students opted for Higher Studies</b>	<b>CAY:-</b>	<b>CAY-1: 13</b>	<b>CAY-2: 11</b>
<b>Accreditation Status of the Course : Provisionally Accredited</b>			

**Doctoral Courses** : -

**Foreign Collaborations, if any** : -

**Professional Society memberships** : CSI Membership

**Professional Activities** :

#### **CAY-2 (2009-10)**

- 1) Expert lecture on “Software Engineering” by Dr.Rajib Mall, IIT, KGP was conducted on 17.08.2009 under CSI
- 2) 3-day course on MATLAB programming and Implementation of Genetic Algorithm was organized from 18<sup>th</sup>-20<sup>th</sup> September, 2009 under CSI, by Dr.S.Dehuri, Reader, Dept of ICT
- 3) Expert lecture on Protocol Conformance testing by Ms. Naga Sailaja, Software Engineer, Satyam Computers Ltd, Vizag
- 4) Inter branch quiz competition “BRAIN QUEST” under CSI student branch on Engineer’s Day 15.09.2009

#### **CAY-1 (2010-11)**

- 1) Seminar on Qualnet & Exata, Network Analyzer and Network Emulator was conducted on 30.07.2010 by Mr. Hema Kumar, NIHON Communciations Solutions (P) Ltd, Bangalore
- 2) A 2-day workshop on Li2-Robo-III was conducted from Sep 4<sup>th</sup> to 5<sup>th</sup>, 2010 under the banner of CSI Student Branch by Li2-Innovations Pvt. Lts, Bangalore
- 3) 1<sup>st</sup> AP State CSI Student Convention was conducted on 10<sup>th</sup>, 11<sup>th</sup> December 2010

#### **CAY (2011-12)**

- 1) Faculty seminar under lecture series of CSI was conducted on 23.07.2011 on Data Warehousing by Mr.P.Srinivasu, Associate Prof.
- 2) Faculty seminar under lecture series of CSI was conducted on 30.07.2011 on Advanced Java and its Applications by Mr.Y.V.S.Murthy, Asst. Prof
- 3) Faculty seminar under lecture series of CSI was conducted on 13.08.2011 on SQL by Ms.D.Devi Kalyani, Asst. Prof
- 4) Faculty seminar under lecture series of CSI was conducted on 03.09.2011 on Digital Camera Internals by Mr.B.Ravi Kiran, Sr. Asst. Prof

**Consultancy Activities** : -

**Grants Fetched** :

#### **CAY-2 (2009-10)**

- 1) B.Tirimula Rao has been granted Rs.22000/- for doing Research Project “Software Cost Estimation Using Genetic Algorithm Classifier” for the year 2009-10

#### **CAY-1 (2010-11)**

- 1) AICTE sponsored Rs.7,00000 for 2-week Staff Development Program on “Computational Intelligence and its Applications to Data Mining” was conducted from 30<sup>th</sup> April-13<sup>th</sup> May 2010
- 2) Dr.S.C.Satapathy has been granted Rs.8,00000 for “Advanced Networking Lab” under Modernization and Removal of Obsolescence Scheme (MODROBS) for financial year 2010-11

**Departmental Achievements** :

#### **CAY-2 (2009-10)**

- 1) CURSORS :National Level Student Symposium was organized and conducted under CIIA on 28.02.2010 and 01.03.2010
- 2) Prof.S.C.Satapathy, HOD has been selected as Reviewer for Information Science Journal, published by ELSEVIER
- 3) Prof.S.C.Satapathy, HOD has been selected as Reviewer for IET, Information Security Journal
- 4) No. of Workshops conducted: 1
- 5) No. of Papers Published: 12
- 6) No. of Best Papers: 4
- 7) No. of Journal Publications: 1
- 8) No. of M.Tech's:1

#### **CAY-1 (2010-11)**

- 1) Best Student branch Award for the year 2009-10 was achieved by ANITS, CSE branch
- 2) Prof.S.C.Satapathy, HOD has appeared in 2010 Edition of Marquis Who's Who in the World
- 3) No. of Papers Published: 5
- 4) No. of Best Papers: 1
- 5) No. of Journal Publications: 3
- 6) No. of Guest Lecture's: 1
- 7) No. of M.Tech's: 2

#### **CAY (2011-12)**

- 1) Department is organizing a joint International Conference on SEMCCO & FANICO-2-11 from 19<sup>th</sup> Dec '11 to 21<sup>st</sup> Dec '11 and the proceedings will be published in Springer
- 2) No. of Ph.D's: 1 (Awarded), 3 (Pursuing)  
No. of M.Tech's: 1
- 3) Venkata Reddy, Sai Madhu Sudhan, students of 3/4 CSE presented a paper on "Optimal Exposure for HDR" under the guidance of Mr.B.Ravi Kiran, Sr. Asst. Prof. and won 1<sup>st</sup> Prize in SASTRA, IIT Chennai
- 4) Mr.B.Tirimula Rao, Associate Prof, has been awarded Young Engineer Award by Government of Andhra Pradesh and the Institute of Engineer's on the occasion of Engineer's day
- 5) Mr. S. Ratan Kumar, Associate Prof, has been awarded YOUNG IT PROFESSIONAL Award (YITP Awards) - Special mention award conducted by CSI in association with MVGR College, Visakhapatnam, in the month of Oct-2011.

- 6) Mr. B.Tirimula Rao, Associate Prof, Reviewed IEEE Conference papers being organised by ISM, RAIT-2012, Dhanbad.
- 7) Mr.B.Tirimula Rao, Associate Prof, Reviewed Springer Conference papers being organised by CSI-2012, Visakhapatnam, India.
- 8) No. of Papers published: 9
- 9) No. of Best Papers: 1
- 10) No. of Journal Publications: 3
- 11) No. of Guest Lectures: 1

#### **Distinguished Alumni:**

- 1) Ms.Preeti Anday is pursuing Doctor of Philosophy, in the University of Delaware, USA
- 2) Mr.Satya Pavan is pursuing Master's in University of Houston, USA
- 3) Mr.P.Ravi Kumar is pursuing Ph.D., in Pattern Recognition, USA
- 4) Mr.Ravi Kiran is pursuing Ph.D., in Nano Scale Science and Engineering, University at Albany, USA
- 5) Mr.Raja Lalith is pursuing Master's in Northern Illinois University, USA

#### **12. a) Name of the Department**

<b>12. d) Course</b>	<b>: Information Technology</b>
Level	: UG
1 <sup>st</sup> Year approval by the council	: 2001-02
Year wise sanctioned intake	: 2012-13(60), 2011-12:(60 Seats),2010-11:(60 Seats)
Year wise Actual Admissions	: 2012-13(55), 2011-12: (54) , 2010-11:(59)
Cut off marks – General quota	: 2012-13 :13073, 2011-12:(10603), (2010-11: (18722)
% Students passed with Distinction	: 2012-13: Exams to be completed by April 2013, 2011-12:12/65(18.46%), 2010-11: 32.85%, 2009-10: 35%
% Students passed with First Class	: 2012-13: Exams to be completed by April 2013, 2011-12:27/65(41.55%), 2010-11: 24.28%, 2009-10: 28%
Students Placed	: 2012-13: 10, 2011-12: 22, 2010-11: 28 , 2009-10: 24
Average Pay package, Rs./Year	: 2012-13:3.24LPA,2011-12 :3.24 LPA , 2010-11: 3 LPA,
Students opted for Higher Studies	: 2012-13: Exams to be completed by April 2013, 2011-12: NIL, 2010-11: 04, 2009-10: NA
Accreditation Status of the course	: Not Accredited (Team visited, waiting for result from NBA)
Doctoral Courses	: Nil
Foreign Collaborations, if any	: NIL
<b>Professional Society Memberships</b>	<b>: MIEEE, CSI, ISTE</b>



**Professional activities**

:

Sl. No	Particulars	No. of Workshops/ Seminars Conducted	
		Seminars/Symposiums	Workshops
1	Android Application Development		24th august 2012 to 25th august 2012
2.	Agile Methodologies	17/12/2012	
3	SEMCCO & FANCCO an International Conference (to be conducted)	19 <sup>th</sup> – 21 <sup>st</sup> Dec 2011-12	
4	Android OS by Asish (Swecha Technologies , Hyderabad) , Ashwin Bhawe (Wipro) , Vishnu Kakarlapudi (Wipro)		29 <sup>th</sup> – 31 <sup>st</sup> July 2011
5	CSI Region V (1 <sup>st</sup> AP State CSI Student Convention)	10 <sup>th</sup> & 11 <sup>th</sup> December 2010	
6	Ethical Hacking by Mohith Jain, K.Kishore (VIE Technologies)		9 <sup>th</sup> December 2010
7	Embedded Systems K.Kishore (VIE Technologies)	23 <sup>rd</sup> October 2010	
8	RADIAN – “A Two Day National Level Student Technical Symposium”	22 <sup>nd</sup> & 23 <sup>rd</sup> February,2010	
9	A three day Refresher Course on “Genetic Algorithms and Implementation using MATLAB”		18–20 <sup>th</sup> September, 2009
10	Evolutionary Computation Techniques by Prof Ganapathi Panda, IIT Bhubneswar		16 <sup>th</sup> -17 <sup>th</sup> March 2009
11	Prof. Rajib Mall, IIT Kharagpur	Object Oriented Software Engineering	17 – 08 – 2009
12	Prof Manas Ranjan Patra, IIT Kharagpur	Service Oriented Architecture (SOA)	17 – 08 – 2009
13	Mrs. Lina Berglind , University of Blekinge Tekniska Hogskolan, Sweden	<i>Future prospects In Sweden</i>	16 – 11 – 2009

**Consultancy activities**

:NIL

**Grants fetched**

:NIL

**Departmental Achievements**

:

**1. Faculty Qualification Improvements:**

Sl.No	NAME	PREVIOUS QUALIFICATION	IMPROVED QUALIFICATION
1.	Prof. Ch. Suresh	M.Tech	Pursuing Ph.D
2.	Mr. M. James Stephen	M.Tech	Pursuing Ph.D
3.	Mr. Ch. Rajesh	B.Tech.	M.Tech.
4.	Ms. I. Sri Lalitha Sarwani	B.Tech	M.Tech

2. a. papers published by faculty in international journals : 17

1. Steganography Detection using Functional Link Artificial Neural Networks ,*International Journal of Computer Applications ( 0975 - 888) , Volume 47 No.5 June 2012*
2. PSO data Clustering with preprocessing of data using artificial immune system ,*International Journal of Computer and Information science,( published by Canadian center of Science and education ) ISSN 1913-8989 E-ISSN 1913-8997 Vol4 , No.1, Jan 2011, pp.163-171*
3. Hybrid Kalman Particle Swarm Optimized Data Clustering ,*Journal of Data Engineering and Computer Science, July-December 2009*
4. Enhancing Fingerprint Image through Ridge Orientation with Neural Network Approach and Ternarization for Effective Minutiae Extraction ,*International Journal of Machine Learning and Computing Vol.2 No.4 August 2012*
5. Text Steganography with Multilevel Shielding ,*IJCSI International Journal of Computer Science, Vol.9 Issue 4 , No.3 July 2012 ISSN (Online) 1694-0814*
6. Steganography Detection using Functional Link Artificial Neural Networks ,*International Journal of Computer Applications ( 0975 - 888) , Volume 47 No.5 June 2012*
7. Classification Based Image Segmentation Approach ,*International Journal of Computer Science and Technology, IJCS Vol.3 Issue 1 , Jan - March 2012, ISSN :0976-8491 (Online)*
8. Implementation of Easy Fingerprint Authentication with Traditional Euclidean and Singular Value Decomposition Algorithms ,*International Journal of Soft Computing Applications Vol 3 No 2 July 2011, ISSN 2074-8523*
9. Prevention of Cross Site Scripting with E-Guard Algorithm ,*International Journal of Computer Applications (0975 - 8887), Volume 22 - No.5, May 2011*
10. Easy Fingerprint Authentication using Traditional Euclidean Distance ,*International Journal on Computer Engineering and Information Technology ISSN 0974-2034, IJCEIT , May 2011 - July 2011*
11. Steganography Detection using Functional Link Artificial Neural Networks ,*International Journal of Computer Applications ( 0975 - 888) , Volume 47 No.5 June 2012*
12. Prevention of Cross Site Scripting with E-Guard Algorithm ,*International Journal of Computer Applications (0975 - 8887), Volume 22, No.5, May 2011*
13. Dynamic Video Conferencing with Fully Secured Encryption Algorithms ,*International Journal of Computer Applications (0975 - 8887) Volume 34 - No.8, November 2011*
14. Prevention of Cross Site Scripting with E-Guard Algorithm ,*International Journal of Computer Applications (0975 - 8887), Volume 22 No.5, May 2011*

15. A Study on Green Computing: The Future Computing and Eco-Friendly Technology ,*International Journal of Engineering Research and Applications* ISSN:2248-9622 Vol 2 Issue 4 July August 2012 pg 1282-1285
16. Cloud Computing Security Issues with Possible Solution ,*International Journal of Computer Science and Technology*, ISSN:0976-8491 (online) Jan - March 2012
17. A Study on Green Computing: The Future Computing and Eco-Friendly Technology ,*International Journal of Engineering Research and Applications* ISSN:2248-9622 Vol 2 Issue 4 July August 2012 pg 1282-1285

b. papers published by faculty in international Conferences : 15

1. Removal of False Minutiae with Fuzzy-Based System from the Extracted Minutiae of Fingerprint Image,*International Conference on Information Systems Design and Intelligent Applications-2012 (INDIA-2012) - Advances of Intelligent and Soft Computing (AISC) Proceedings by Springer* , Jan 2012
2. A Parallel Hybridization of Clonal Selection with Shuffled Frog Leaping Algorithm for Solving Global Optimization Problems ( P-AISFLA) ,*SEMCCO 2011, International Conference* , *Proceedings in Springer Verlag*
3. A Modified and Efficient Shuffled Frog Leaping Algorithm (MSFLA) for Unsupervised Data Clustering ,*1st International Conference on Advances in Computing and Communications (ACC-2011) Rajagiri, LNCS Springer July 22-24, 2011*
4. Cat Swarm Optimization Based Neural Network and Particle swarm optimization Based Neural Network in Stock Rates Prediction ,*3rd International Conference on Machine Learning and Computing (ICMLC 2011). Vol-04, pg:292-296, 978-1-4244-923-4 /11/2011 IEEE*
5. More Secured Text Transmission with Dual Phase Message Morphing Algorithm ,*International Conference on Information Systems Design and Intelligent Applications-2012 (INDIA-2012) - Advances of Intelligent and Soft Computing (AISC) Proceedings by Springer* , Jan 2012
6. Removal of False Minutiae with Fuzzy-Based System from the Extracted Minutiae of Fingerprint Image ,*International Conference on Information Systems Design and Intelligent Applications-2012 (INDIA-2012) - Advances of Intelligent and Soft Computing (AISC) Proceedings by Springer* , Jan 2012
7. Finger Print Image Enhancement with Neural Network and Effective Extraction of Minutiae,*International Conference on Machine Learning (ICMLC 2011)*
8. Combi Model Text Steganography ,*International Conference on Mathematical Computing and Management, ICMCM, Kerala, June 2010*
9. Text Steganography using secured DPMMA (Dual Phase Message Morphing Algorithm) ,*International Conference on Mathematical Computing and Management, ICMCM, Kerala, June 2010*
10. Enhanced Online XSS Guard for Anti Cross Site Scripting ,*International Conference on Mathematical Computing and Management, ICMCM, Kerala, 17-19, June 2010*
11. Finger Print Authentication System with SVD and Euclidian Algorithm ,*International Conference on Mathematical Computing and Management, ICMCM, organized by the Department of Computer Applications, MACFAST and the Department of Management Science, Victoria University, Australia, with academic support from the Computer Society of India (CSI) Kerala, June 2010*
12. More Secured Text Transmission with Dual Phase Message Morphing Algorithm ,*International Conference on Information Systems Design and Intelligent Applications-2012 (INDIA-2012) - Advances of Intelligent and Soft Computing (AISC) Proceedings by Springer* , Jan 2012
13. Text Steganography using secured DPMMA (Dual Phase Message Morphing Algorithm) ,*International Conference on Mathematical Computing and Management, ICMCM, Kerala, June 2010*
14. Combi Model Text Steganography ,*International Conference on Mathematical Computing and Management, ICMCM, Kerala, June 2010*

15. Cat Swarm Optimization Based Neural Network and Particle swarm optimization Based Neural Network in Stock Rates Prediction ,*IEEE 3rd International Conference on Machine Learning and Computing(ICMLC 2011), Singapore.*

c. papers presented by students in international conferences : 01

Seminar Place Students

FICTA 2012 International Bhubaneswarengineering college. N.Lakshmi lavanya  
R.Ramadevi Heena jain  
B.Madhuri of IV/IV IT

d. papers presented by students in national conferences : 18

### Attended by Students

Seminar	National/International	Place	Student(s)
1.National Level Technical Symposium - Vidyatech 12.0	National	Visakhapatnam	U.Girish Babu, R.Rama Devi, J Vineela
2.AADHRITA 2012, conducted by MVGR, Vizianagaram	National	MVGR, Vizianagaram	K.Surya Teja, Y.Madhu Sahiti, B.Madhuri, N.Lakshmi Lavanya, K.Kalyani, Heena Jain, R.Rama Devi , D.Deepti, A.Sweta , J.Lalitha , G.Lakshmi Sindhu, R.Nandini, J.Vineela, P.V.Lalitha, B Sridhar Yadav
3.Joint International Conference - SEMCCO and FANCCO - 2011	International	Visakhapatnam	Y.V.Vinod Kumar, C L Sowmya, D.Deepti, P.Seetha Ratnam, G.Vishnu Vardhan, G.Bhavya, G.Priyanka, M.Enayath Ali , Divya B Jhurani, M.Geethika, K.Komali, A.Bhargavi ,A.Sweta, G L Sindhu, P V Lalitha ,Sreeti Mahapatro , A V R Prasanthi, Y V L Harika , V Manasa Deepthi , Sujatha Mishra
4.CSI - 28th National Student Convention NSC 2011	National	Visakhapatnam	R Rama Devi, G Abhilash , B Sridhar Yadav
5.National Level Robotics Championship Robotryst 2012 - Sponsored by Robosapiens India	National	Visakhapatnam	B.Divya Jhurani, A Prasanthi, A.Bhargavi, Y Harika
6.INGENIOUS - 2k11 - University College of Engineering, Vizianagaram Campus	National	Vizianagaram	A.Sravanthi, A.Naren, T.Oshani
7.National Level Student Technical Symposium	National	Vizianagaram	Alekhy Vasa
8.Paper Presentation in CSI - 28th National Student Convention [ NSC 2011]	National	GIET, Rajahmundry	R Rama Devi, J Vineela
9.National Level Technical Symposium - Vidya Tech 2k11	National	Visakhapatnam	M Shanti Prakash

10.Mobi-Botricks - in TechNex 2011, Institute of Technology, BHU	National	Visakhapatnam	M.Shanti Prakash
11.Paper Presentation in National Level Technical Symposium on Green Tech 2011	National	MVGR, Vizianagaram	P Sowmya Latha
12.CSI Region - V Student Convention 2010 - 1st AP State Student Convention	National	Visakhapatnam	Y V Vinod Kumar, Subhrajit Bhattacharjee, G Abhilash, A S V S D Anil
13.Techno Grail	National	Dept of CSSE, Andhra Univesity	Kiran Joshi, A.Aditya, Sushma Grandhi, Subhrajit Bhattacharjee
14.IBM Certified Associate Developer - Rational Application Developer for Websphere Software V6.0	National	Visakhapatnam	Abhilash Kaligotla, V J SarvaRayudu, Sarada Devi, Kare Pratyusha, Lakshmi Kanchani,
15.Matlab Programming and Implementation of Genetic Algorithm, Conducted by ANITS	National	Visakhapatnam	Kaligotla Abhilash
16.Participated in Paper Presentation at GITAM University - Alacrity 2009	National	Visakhapatnam	V E S V S J Sarvarayudu
17.Participated in Paper Presentation - TechFleet 2009, Conducted by SRKR College, Bhimavaram	National	SRKR, Bhimavaram	G . Dinesh, K.Abhilash, A N S Pradeep
18.Participated in Technical Quiz - TechFleet 2009, Conducted by SRKR College, Bhimavaram	National	SRKR, Bhimavaram	K Abhilash

### 3. Literary Activities:

- Ms. K. Kalyani , II/IV IT participated in ♦South Zone Inter-University Table Tennis (Women) Tournament ♦ organized by Visvesvaraya Technological University , Belgaum , Karnataka from 17th to 19th Feb , 2011 .
- Mr. K. Abhiram III/IV IT got 2367th rank (out of 40,000 participants) in ♦All India National Aptitude Test♦ conducted by NITAT , Visakhapatnam on 25th Feb , 2011
- Mr.Y.Sudheer Kumar IV/IV IT, Mr.Sk Qutubuddin IV/IV IT got first prize in quiz competition conducted by Raghu Engineering College.
- Ms.j.Indira Priyadarshini III/IV IT won second prize in essay writing competition conducted by ANITS as part of Annual day celebrations 2007-08.
- Ms.M.Mani Manasa III/IV IT won consolation prize in ex tempo competition held by Speak Vizag.
- Mr.Nandu Goud II/IV IT participated in Documentary competition and won second prize held at Pydah college .
- Mr.Tejaswi IV/IV IT, Mr.Shashank IV/IV IT, Mr.Abhilash IV/IV IT, Mr. Sudheer IV/IV IT won first prize in quiz competition conducted by ANITS as part of Annual day celebrations 2008-09.

- A four day Refresher course on **"MATLAB PROGRAMMING AND IMPLEMENTATION OF GENETIC ALGORITHMS"** organized during 17th September to 20th September, 2009 by the Departments of CSE and IT.

5. A one day GUEST LECTURE on “**Software Oriented Architecture**” was conducted by the Depts. of IT and CSE at ANITS on 17th august 2009 by Professor Razibmal , IIT Kharagpur and Dr.Manas Ranjan Patro, Berhampur University, Orissa.
6. A two day workshop on “**Evolutionary computation Techniques**” was conducted by the Depts. of IT and CSE at ANITS on 16th and 17th March 2009.
7. Mr.B.Raghavendra IV/IV IT got Second prize in situational intelligence conducted by I –Fest in GITAM.
8. Ms.Nausheen III/IV IT won first prize in Poster presentation at Kaushik College of Engineering.
9. Mr.K.Abhilash III/IV IT, Mr.G.Dinesh III/IV IT, Mr.A.N.S.Pradeep III/IV IT Won first prize by presenting paper called ‘The Anatomy of Hypertext based web search engine’ at SRKR Engineering college.
10. Mr. G. Rahul IV/IV IT , Mr. Anurag Kumar Singh IV/IV IT , Mr. Sk . Qutubuddin IV/IV IT are runners up in the zonal level cricket competitions.

### Faculty Details:

Name	Designation	Qualification	Experience
 Suresh Chiitineni	Professor & HOD	B.Tech.(CSE),M.Tech,(Ph.D)	15.0 Yr(s)
 M.James Stephen	Associate Professor	M.Tech(CST),M.Phil,(Ph.D)	10.0 Yr(s)
 C.Demudu Naidu	Sr.Assistant Professor	B.Tech,M.Tech	7.0 Yr(s)
 B.Meena	Assistant Professor	M.Tech	8.0 Yr(s)
 Ch.Rajesh	Assistant Professor	B.Tech, M.Tech	7.0 Yr(s)
 N.Aditya Sundar	Assistant Professor	B.Tech.,M.Tech	4.9 Yr(s)



N.Sharada

Assistant Professor

M.Tech

4.0 Yr(s)



I Sri Lalita Sarwani

Assistant Professor

B.Tech.,M.Tech

3.0 Yr(s)



P.Himabindu

Assistant Professor

B.Tech.,M.Tech

3.6 Yr(s)



Pandit Samuel

Assistant Professor

B.Tech.,M.Tech

1.2 Yr(s)



K S V Krishna Srikanth

Assistant Professor

B.Tech.,M.Tech

0.2 Yr(s)



M Nalini Tuveera

Assistant Professor

B.Tech

2.6 Yr(s)

### Staff Details - Non Teaching

Sl.No	Name	Designation	Qualification	Experience (Yrs)
1	P.V.Siva Kumar Yadav	Programmer	B.Sc(Computers),M.C.A(Pursuing)	10
2	G.Chandra Sekhar	Programmer	B.Sc.,M.B.A(Pursuing)	10
3	G.Ravindra	Office Assistant	B.A	1
4	B.Murali	Attender	X Class	3
5	K.Narasinga Rao	Attender	-	2

### Placements Track Record

2008 - 2012 Batch [ as on 23.02.2012 ]	
TCS	14
CSC Corporation	4
Zeta interactive	1
Syntel Inc	1
Sonata Software	2
Total	22
2007 - 2011 Batch	
Infosys	15
Persistent Systems	1
Syntel	7
GENPACT	1
HCL Info Systems	1
United Health Group	3
Total	28
2006 - 2010 Batch	
Anaxee Technologies	2
Efftronics	1
Emphasis	1
HCL Infosystems	2
Infosys	6
Kenexa	1
Mahindra Satyam	1
Qualcomm	1
TCS	6



Wipro- BPO	1
IBM Infrastructures	1
Comfyi Solutions (Chennai)	1
Total	24

#### Distinguished Alumn :

1. 74 Students of IT got placements in reputed MNC's like TCS,CISCO ,INFOSYS, WIPRO, SATYAM,Accenture,Polaris,TCS etc. Till today 7 batches have gone out.

Name of the Department : Biotechnology & Chemical Engineering

Course : B. Tech. Biotechnology (BT)

B. Tech. Chemical Engineering (ChE)

M. Tech. Biotechnology (BT)

Level : UG & PG

1<sup>st</sup> Year approval by the council : 2002-03 (B. Tech. BT)

2012-13 (B. Tech. ChE)

2012-13 (M. Tech. BT)

Year wise sanctioned intake :

B. Tech. BT	2012-13	2011-12	2010-11
	0	60	60
B. Tech. ChE	2012-2013: 60		
M. Tech. BT	2012-2013: 18		

Year wise actual admissions :

B. Tech. BT	2012-13	2011-12	2010-11
	0	6	15
B. Tech. ChE	2012-2013: 31		
M. Tech. BT	2012-2013: 8		

Cut-off marks/rank – General Quota :

B. Tech. BT	2012-13	2011-12	2010-11
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(EAMCET)	NA	26467	32001
B. Tech. ChE (EAMCET)	2012-13		
	167475		
M. Tech. BT (AUPGCET)	2012-13		
	327		

% Students passed with Distinction:

2012-13	2011-12	2010-11	2009-10
Exams to be completed by April 2013	23.21	3.84	33.33

% Students passed with First Class:

2012-13	2011-12	2010-11	2009-10
Exams to be completed by April 2013	30.35	32.7	46.6

No. of Students Placed :

2012-13	2011-12	2010-11	2009-10
2	15	9	25

Average Pay Package in Lakhs Per Year :

2012-13	2011-12	2010-11	2009-10
3.26	3.17	3	2.99

Students opted for Higher Studies :

2012-13	2011-12	2010-11	2009-10
Exams to be completed by April 2013	13	15	12

Accreditation Status of the course : Provisionally Accredited

Doctoral Courses : NIL

Foreign Collaborations, if any : NIL

Professional Society Memberships : Biotech Research Society of India (BRSI)

## Professional activities :

Biotech League of ANITS Zealous Engineers (BLAZE) is a local chapter of ANITS. We organize various curricular, co-curricular and extra-curricular activities under this.

Under BLAZE, the department has conducted 3 national level student technical symposia - **Bioflare’09, Bioflare’10 , Bioflare’12** and two workshops namely “**Southern Hybridization and its Application**” and “**Environmental friendly technologies**”. Also organised Guest lectures, technical essay writing competition, Quiz competition and technical seminar competition.

**ANIJIG-MATICS**, a three day national workshop was organized by BRSI Chapter, Department of Biotechnology, ANITS in collaboration with JIGSAWBIO Solutions from **9<sup>th</sup> to 11<sup>th</sup> September 2011**.

## Consultancy activities:

S. No.	Details of Consultancy	Amount	Duration
1	Inventerization of the hazardous waste in the industries of West Godavari Dist.	75,000/-	Jan to Mar 2010
2	Inventerization of the hazardous waste from generating units in the industries of East Godavari Dist.	71,000/-	Jan to Mar 2010

Grants fetched: NIL

## Departmental Achievements :

### 1 .Higher Degrees

S. No.	Name of The Faculty	Higher Degree	Year
1	Dr. I. Sarat Babu	Ph.D	2009
2	Mr. Sriram Narahari	M.Tech	2011

## 2. Faculty Qualification Improvements:

S.No.	NAME	PREVIOUS QUALIFICATION	IMPROVED QUALIFICATION
1.	Mr. D. Guru Mahesh	M. Sc., M. Phil.	Pursuing Ph. D.
2.	Mrs. Ch. V. Satya	M. Tech.	Pursuing Ph. D.
3.	Mr. Anil Chitturi	M. E.	Pursuing Ph. D.
4.	Mr. Sathi Ravi Kanth Reddy	M. Sc.	Pursuing Ph. D.
3.	Mr. Chaman Mehta	M. Tech.	Pursuing Ph. D.

## 3. Publications (2008 - 2012):

- a. Papers published by faculty in International journals : 23
- b. Papers published by faculty in National journals : 05
- c. Papers presented by students in International conferences: 08
- d. Papers presented by students in National conferences : 07

## 4. Honors

Sl. No	Name of the Faculty	Honor	Year
1	Prof. G. H. Rao	Attended Pandit Deendayal Petroleum University, Gandhinagar-Gujarat as a member of UGC Expert Committee to assess the Physical and Academic infrastructure of the university	2008-2009
2	Dr. V. Sridevi	Best Teacher Award from ANITS	2008-2009
3.	Dr. P. Mary Anupama	Reviewer: 1.Journal for Soil Science and Environment Management 2.African Journal of Food Science and Technology 3.Preparative Biochemistry & Biotechnology	2010 to till date

		4.Advances in Applied Research 5.African journal of microbial research	
3	Dr. I. Sarat Babu	Reviewer ( <i>J.Chem. Tech. Biotechnol.</i> )	2007-2008

## 5. MoU:

Department of Biotechnology, ANITS have MoU with:

- i. Aurobindo Pharma Ltd., Pydibhimavaram
- ii. JIGSAWBIO Solutions Pvt. Ltd., Bangalore

## 6. New Lab Establishments:

1. Established Biotechnology lab - I for M. Tech. Biotechnology students.
2. Established a new Down Stream Processing lab in the academic year 2011 – 2012 as a part of curriculum to meet industrial requirements.
3. Established a Bioinformatics lab for UG students and also for R & D activities.

## 7. Activities of BLAZE (Biotech League of ANITS Zealous Engineers - Students Activity body) 2009-2013:

S.NO	Date	Type of Activity	Participation
<b>2009 – 10</b>			
01	21.09.2009	Plantation	BT Students
02	01.10.2009	Technical Treasure hunt	34 Participants
03	11.12.09 & 12.12.09	Bioflare '09	120 Participants
04	10.02.2010	Essay Writing	23 Participants
05	12.02.2010	Visit to Physically Handicapped Hostel	BLAZE Members
06	13.02.2010	Technical Paper Presentation	All III/IV B. Tech. Biotechnology Students
07	20.02.2010	Singing & Dancing Competitions	BT Students
08	21.02.2010	Sports	BT Students
09	06.03.2010	Quiz Competition	BT Students
10	06.03.2010	Technical Idea	BT Students

		presentations	
11	06.03.2010	Non - Technical Idea presentations	BT Students
<b>2010 – 11</b>			
01	27.09.2010	Technical Treasure hunt	BT Students
02	03.12.2010	Workshop - Southern Hybridization & its applications	BT Students
03	28.12.2010 & 29.12.2010	Bioflare '10	Participants
04	02.02.2011	Orphanage visit	BLAZE Members
05	22.02.2011	Elocution	BT Students
06	23.02.2011	Essay Writing	BT Students
07	05.03.2011	Games & Sports	BT Students
08	10.03.2011	Quiz Competition	BT Students
09	Throughout the year	Technical Paper Presentations	All III/IV & II/IV B. Tech. Biotechnology Students
<b>2011 – 2012</b>			
01	06.08.2011	Singing Competition	BT Students
02	03.09.2011	Quiz Semi Finals	BT Students
03	03.09.2011	Quiz semi finals	BT Students
04	28.11.2011	Essay Writing	BT Students
05	30.11.2011	Treasure Hunt	BT Students
06	11.12.2011	Cricket	BT Students
07	12.12.2011	QUIZ finals	BT Students
08	17.02.2012, 18.02.2012	BIOFLARE'12	200 members
09	03.02.2012	Orphanage visit	59 Blaze members
10	Throughout the year	Technical Paper Presentations	All III/IV & II/IV B. Tech. Biotechnology Students
<b>2012 – 2013</b>			
01	10.12.2012	Anthyakshari	BT Students
02	15.12.2012	Caroms	BT Students
03	15.12.2012	Chess	BT Students
04	Throughout the year	Technical Paper Presentations	All B. Tech. Biotechnology Students

## 8. Prestigious Fellow Ships:

S. No.	Name	Year	Achievements	Institute
1	Ms. A. V. Pavani	2011-12	Indian Academy of Sciences – Summer Research Fellowship	IARI, New Delhi
2	Ms. U. Priyanka	2010-11	Indian Academy of Sciences – Summer Research Fellowship	NCDC, New Delhi
3	Ms. C. Manjusha	2008-09	Indian Academy of Sciences – Summer Research Fellowship	HCU, Hyderabad
4	Ms. G. Sailaja	2007-08	Jawaharlal Nehru Centre for Advanced Scientific Research- Summer Research Fellowship	IISc, Bangalore
5	Ms. Kathyayini	2005-06	Indian Academy of Sciences – Summer Research Fellowship	HCU, Hyderabad
6	Mr. Anjaneyulu	2004-05	Indian Academy of Sciences – Summer Research Fellowship	CFTRI (CSIR), Mysore

## 9. Prizes / Merit Awards won by Students (2008 – 12)

Student Name and year	Conference/ workshop/training attended or Paper Publications	Date of conference	Achievements
Ms. D. S. Shalini (III/IV B. Tech.)	Presented a paper at Aavirbhav 2k12 at J. N. T. U. A. College of Engineering, Pulivendula	25 – 26 September, 2012	Won 2 <sup>nd</sup> Prize
Ms. A. V. Pavani (III/IV B. Tech.)	Project work at Indian Agriculture Research Institute, New Delhi	May to July 2012	Selected for IASc, INSA, NASI Summer Research Fellowship Programme 2012
Ms. A. V. Pavani (III/IV B. Tech.)	Presented a paper on Green Biotechnology at STEPCONE 2012 at GMR Institute of Technology, Rajam	6-7 January, 2012	Won 1 <sup>st</sup> Prize
Mr. N. Krishna Teja (IV/IV B. Tech.) Ms. P. S. S. Susheera (IV/IV B. Tech.)	Paper publication in World Congress on Biotechnology	March 2011	Paper published in Proceedings
Ms. U. Priyanka (IV/IV B. Tech.)	Project work at National Center for Disease Control, New Delhi	May to July 2011	Selected for IASc, INSA, NASI Summer Research Fellowship Programme 2012
Ms. P. S. S. Susheera, Ms. U. Priyanka (IV/IV B. Tech.)	Ekathra Department of Chemical Engineering Gayatri Vidhya Parishad	17 <sup>th</sup> & 19 <sup>th</sup> Feb 2011	Presented paper and achieved <b>First prize</b>
Mr. M. Ramesh Mr. P. Bhagya Raj Mr. A. Trivikram	Model Presentation for Science Exhibition at Andhra University	12 <sup>th</sup> to 17 <sup>th</sup> February 2011	Won Third Prize



Mr. V. Hemanth Kumar Mr. B. Chakravarthi	RIPPLES 2010 Department of Chemical Engineering Andhra University	15 <sup>th</sup> & 16 <sup>th</sup> December, 2010	Presented paper and achieved <b>First prize</b>
Mr. K. Yesaswi Mr. Krishna Teja (IV/IV B. Tech.)	SAMYAK 2010, Department of Biotechnology Koneru Lakshmaiah University, Vijayawada	8 <sup>th</sup> & 9 <sup>th</sup> October, 2010	Presented paper and achieved <b>First prize</b>
Ms. P. S. S. Susheera, Ms. U. Priyanka (IV/IV B. Tech.)	SCHEMCON 2010(Student Chemical Engineering Congress 2010) Department of Chemical Engineering RVR & JC College of Engineering, Guntur	24 <sup>th</sup> & 25 <sup>th</sup> September, 2010	Presented paper and achieved <b>Second prize</b>
Mr. P. Bhagyaraj	SCHEMCON 2010(Student Chemical Engineering Congress 2010) Department of Chemical Engineering RVR & JC College of Engineering, Guntur	24 <sup>th</sup> & 25 <sup>th</sup> September, 2010	Presented paper and achieved <b>Third prize</b>
Ms. P. S. S. Susheera Ms. U. Priyanka (IV/IV B. Tech.)	Sri Venkateswara University Tirupathi	18 <sup>th</sup> & 19 <sup>th</sup> September, 2010	Presented paper and achieved <b>Second prize.</b>
Ms. S. Niharika	National level Biotechnology talent search Examination conducted by Biotech, helpline Foundation	21.02.2010	93 <sup>rd</sup> rank
Ms. I. V. P. Sirisha			127 <sup>th</sup> rank
Mr. P. Surya Abhinav			182 <sup>nd</sup> rank
Ms. Ch. Manjusha	Second Science Conclave: A congregation of Nobel Laureates,	8 <sup>th</sup> to 14 <sup>th</sup> December	Participation and Interaction

	IIIT, Allahabad	2009	with Nobel Laureates
Ms. Ch. Manjusha	Project work at School of Chemistry, University of Hyderabad	May to July 2009	Selected for IASc, INSA, NASI Summer Research Fellowship Programme 2012
Ms. D. Sindhuri Ms. R. Sajana Nair	COGNIZANCE-2009, IIT Roorkee	20 <sup>th</sup> to 22 <sup>nd</sup> March 2009	Presented paper and achieved <b>First prize</b>
Mr. S. Srikanth	Science conclave: A congregation of Nobel Prize winners, IIIT, Allahabad	15 <sup>th</sup> to 21 <sup>st</sup> December 2008	Participation and Interaction with Nobel Laureates

#### 10. Games/ Sports prizes won by Students

Student Name and year	Sport Event Name	Date of Event	Achievements
Mr. J.S Suresh Krishna	25 <sup>th</sup> National Taekwon-Do Championship 2010	24 <sup>th</sup> & 26 <sup>th</sup> Decemb er, 2010	Achieved <b>Third prize</b>
Mr. J.S Suresh Krishna	13 <sup>th</sup> South Zonal Taekwon-Do Championship 2010	28 <sup>th</sup> & 29 <sup>th</sup> August, 2010	Achieved <b>Second prize</b>

#### 11. Literary Achievements:

U. Priyanka II/IV BT Has participated and won first prize in painting competition conducted by Chitrakala Parishad during January 2010.

#### 12. Distinguished Alumni:

- 2 students of BT (2012-13) got placement (one in TCS and one in Capgemini)
- 15 students of BT (2011-12) got placement in TCS, 3 got placed in reputed banks – ICICI, Mahindra and SBH.
- 06 Students of BT (2010-11) got placement in TCS

4. 06 Students of BT (2009-10) got placement in INFOSYS & 03 Students got placement in Krebs Biochemicals Ltd.
5. 45 Students of BT (2006-09) got placements in reputed MNC's like INFOSYS, WIPRO, Kanbay, Accenture, US Tech resources etc.
6. An Alumnus of this Department V. Naresh (2006 – 07), has become an entrepreneur, **Green House Eco Friendly Mall** started in the year **2008**.
7. Students of Biotechnology, ANITS admitted in reputed Universities for higher education in India and abroad like: HCU Hyderabad, University of Petroleum & Energy Studies, Dehradun, VIT University, Vellore, Anna University, Chennai, UMEA University, Technical University of Hamberg Germany, Illinois Institute of Technology, MATS School of Business, Linkoping University, Aalto University School of Science and Technology, Helsinki University, Finland, California State University, University of Toledo, University of Houston, Amity University Noida, University of New Haven, Texas A&M College etc.

**12. e) Course : Mechanical Engineering**

Level : UG and PG

Name of the Department : Mechanical Engineering

Course : Machine Design

Level : PG

1<sup>st</sup> Year approval by the council : 2005

	CAY	CAY-1	CAY-2	CAY-3
	2011-12	2010-11	2009-10	2008-09
Year wise sanctioned intake	: 120	120	120	60
Year wise Actual Admissions	: 120	120	120	60
Cut off marks – General quota (Emcet rank)	: 3132	2271	2337	5665
% Students passed with Distinction	: 56.1%	58.1%	57.1%	29.5%
Students Placed	: 36	37	32	27
Average Pay package, Rs. / Year in Lacs	: 3.17	3.19	2.51	2.50
Students opted for Higher Studies	: 06	03	06	
Accreditation Status of the course	: Applied for accreditation.			
Doctoral Courses	: No			
Foreign Collaborations, if any	: No			

**Professional Society Memberships**

: **Indian Society of Heating, Refrigerating and Air conditioning Engineers (ISHRAE)**, Visakhapatnam  
 Chapter had started student chapter of ANITS on 4<sup>th</sup> January 2009.  
 ISTE faculty members: 12  
 IE faculty members: 04

**Professional activities**

:

**ANITS Mechanical Engineers Association (AMEA)** was established in 30<sup>th</sup> July, 2008. **Indian Society of Heating, Refrigerating and Air conditioning Engineers (ISHRAE)**, Visakhapatnam Chapter had started student chapter of ANITS on 4<sup>th</sup> January 2009. Various National Technical Symposiums, workshops, Guest Lectures, Seminars, Technical quiz...etc; organized by AMEA and ISHRAE.

**Consultancy activities**

: Metallic Bellows

**Grants fetched**

: DST ITS

**Departmental achievements**

:

**1. Faculty Qualification Improvements : -----**

Sl.No	NAME	PREVIOUS QUALIFICATION	IMPROVED QUALIFICATION
1	V. Bindu Niharika	B.E	M.Tech(2012-13)
2	S. Kakati	B.E	M.Tech(2012-13)

**Details of faculty in the department:**

S. No.	Name of Faculty	Designation	Qualifications			Experience in Years			Date of Joining this Institute
			U.G	P.G	Ph.D	Industry	Teaching	Total	
1	Dr T.V.Hanumantha Rao	Professor	Mech.	Mechanical Handling, Vibrations	Yes	11	12	23	24.10.05
2	Dr B. Naga Raju	Associate Professor	Mech.	Mineral Processing	Yes	1	11	12	21. 09. 01
3	Dr N. V. N. Indra Kiran	Associate Professor	Mech.	Industrial Engineering	Yes		9	09	12. 06. 07

4	R. Chandramouli	Associate Professor	Mech .	Applied Mechanics			10	10	01.06.11
5	G. Uma Maheswara Rao	Sr. Asst Professor	Mech .	Mineral Processing			13	13	21. 06. 07
6	M. Raja Roy	Sr. Asst Professor	Mech .	CAD/CA M		3	7	10	18. 10. 05
7	K. Siva Prasad	Asst Professor	Mech .	Thermal Engg		4	7	11	04. 06. 08
8	P. Ramya	Asst Professor	Mech .	----			3	03	12. 08. 09
9	V. Bindu Niharika	Asst Professor	Mech .	Industrial Engineerin g			6	06	01.09.09
10	K. Naresh Kumar	Asst Professor	Mech .	Machine design			3	03	04. 06. 10
11	V.Krishna	Asst Professor	Mech .	CAD / CAM			4	04	01.12.10
12	P. Nehemiah	Asst Professor	Mech .	Machine Design		2	9	11	21.09.10
13	K. Hemanthi	Asst Professor	Mech .	----			3	03	15.02.11
14	Rao. Nivagani	Asst Professor	Mech .	Thermal			3	03	01.06.11
15	S. Kakati	Asst Professor	Mech .	Industrial Engineerin g			3	03	03.06.11
16	K. Satya Narayana	Asst Professor	Mech .	Machine design			3	03	08.06.11
17	M.Prasanth Kumar	Asst Professor	Mech .	Machine design			2	02	10.06.11
18	Ravi Kiran	Asst Professor	Mech .	CAD / CAM		3	3	06	20.06.11
19	Lakhmi Vidya	Asst Professor	Mech .	----			1	01	31.10.11

20	M. Amareswari Reddy	Asst Professor	Mech .	Machine Design			3	03	11.06.12
21	Simhachalam	Asst Professor	Mech .	CAD / CAM			3	03	04.06.12
22	Rukmini	Asst Professor	Mech .	CAD CAM			2	02	15.06.12
23	Ashok Kumar	Asst Professor	Mech .	----			1	01	13.07.12
24	B Ananda Rao	Asst Professor	Mech .	CAD /CAM			4	04	20.07.12
25	M Chandra Sekhar	Asst Professor	Mech .	----		10	2	12	20.07.12
26	N Indraja	Asst Professor	Mech .	----			1	01	31.07.12
27	S Phani Kumar	Asst Professor	Mech .	CAD /CAM			6	06	08.08.12
28	D Srinivas Rao	Asst Professor	Mech .	CAD /CAM		3	2	05	12.09.12
29	MNV Krishna Veni	Asst Professor	Mech .	CAD /CAM		3	6	09	13.09.12
30	M S Srinivas Rao	Asst Professor	Mech .	Thermal			10	12	03.12.12

2. a. Papers published by faculty in International Journals : 39

### 2012-13

Sl no	Publication Details	Conference/ Journal	National/International	Staff Name
1	Effect of Process Parameters of Pulsed Current Micro Plasma Arc Welding on Weld Pool Geometry of AISI 304L Stainless Steel Sheets, Journal of Materials & Metallurgical Engineering Volume 2, Issue 1, 2012, pp. 37-48.	<b>Journal</b>	International	K.Siva Prasad
2	Establishing Empirical Relations to Predict Grain Size and Hardness of Pulsed Current Micro Plasma Arc Welded SS 304L Sheets, American Transactions on Engineering & Applied Sciences. Volume 1, No.1, 2012, pp.57-74.	<b>Journal</b>	International	K.Siva Prasad

3	Effect of pulsed current micro plasma arc welding process parameters on fusion zone grain size and ultimate tensile strength of SS304L sheets, International Journal of Lean Thinking, Volume 3, Issue.1, 2012, pp.107-118.	Journal	International	K.Siva Prasad
4	Study on factors effecting Weld Pool Geometry of Pulsed Current Micro Plasma Arc Welded SS 304L Austenitic Stainless Steel using Statistical Approach, The Journal of Minerals and Materials Characterization and Engineering, Volume 12, Issue 8, 2012, pp.790-799.	Journal	International	K.Siva Prasad
5	Study on effect of welding speed on micro structure and mechanical properties of pulsed current micro plasma arc welded AISI 304L Sheets, Journal of Manufacturing science and production, Volume 12, Issue 2, 2012, pp.95-103.	Journal	International	K.Siva Prasad
6	Comparison of weld quality characteristics of SS304L and Inconel625 in Micro plasma arc welding process, Journal of Manufacturing Technology Research, Volume 4, Issue 3-4, (2012), pp(not available).	Journal	International	K.Siva Prasad
7	Optimizing pulsed current micro plasma arc welding parameters to maximize ultimate tensile strength of Inconel625 Nickel alloy using response surface method, International Journal of Engineering Science and Technology (MULTICRAFT) , Volume. 3, No. 6, 2011, pp. 226-236.	Journal	International	K.Siva Prasad
8	Establishing Empirical Relationships to Predict Grain Size and Hardness of Pulsed Current Micro plasma Arc Welded Inconel 625 Sheets, Journal of Materials & Metallurgical Engineering Volume 1, Issue 3, 2011, pp.1-10	Journal	International	K.Siva Prasad
9	Optimizing Fusion Zone Grain Size and Ultimate Tensile Strength of Pulsed Current Micro Plasma Arc Welded Inconel 625 Alloy Sheets using Hooke & Jeeves Method, International Transaction Journal of Engineering, Management & Applied Sciences & Technologies, Volume 3, No.1, 2012, pp.87-100.	Journal	International	K.Siva Prasad
10	On weld quality characteristics of pulsed current micro plasma arc welding of Inconel625 sheets, The Journal of Minerals and Materials Characterization and Engineering, Volume.11, No.2, 2012, pp.133-141.	Journal	International	K.Siva Prasad
11	Application of Hooke & Jeeves method to	Journal	International	K.Siva Prasad

	optimize Ultimate Tensile Strength of Pulsed Current Micro Plasma Arc Welded Inconel 625 Nickel alloy, International Journal of Lean Thinking, Volume 3, Issue.1, 2012, pp.42-52.			
12	Effect of pulsed current micro plasma arc welding process parameters on fusion zone grain size and ultimate tensile strength of Inconel 625 sheets, Acta Metallurgica Sinica (English letters), Volume 26, Number 3, 2012, pp.179-189.	Journal	International	K.Siva Prasad
13	Effect of process parameters of pulsed current micro plasma arc welding on weld pool geometry of Inconel 625 welds, Kovove Materialy - Metallic Materials, Volume 50, No.3, (2012), PP.153-159.	Journal	International	K.Siva Prasad
14	Application of Design of Experiments to Plasma Arc Welding: A Review, Journal of the Brazilian Society of Mechanical Sciences and Engineering, Volume 34, No.1, 2012, pp. 75-81.	Journal	International	K.Siva Prasad
15	Review on application of Response Surface Method based Design of Experiments to Welding processes, Journal of Manufacturing Science & Production (Dy Gruter), Volume 12, 2012, PP.17-24.	Journal	International	K.Siva Prasad
16	Advances in Plasma Arc Welding : A Review, Journal of Mechanical Engineering and Technology, Volume 4, Issue 1, 2012, pp.35-59.	Journal	International	K.Siva Prasad
17	Optimizing pitting corrosion in 3.5 N NaCl medium of Pulsed Current Micro Plasma Arc Welded AISI 304L sheets using Genetic Algorithm, Journal of Materials & Metallurgical Engineering, Volume 2, Issue 3, 2012, pp.39-49.	Journal	International	K.Siva Prasad
18	An investigation on weld quality characteristics of pulsed current micro plasma arc welded austenitic stainless steels, International Journal of Engineering, Science and Technology (IJEST) Multicraft, Volume.4, No.2, 2012, pp.159-168.	Journal	International	K.Siva Prasad
19	Prediction of Surface Finish by end Milling using Factorial Technique, International Journal of Mathematical Sciences, Technology and Humanities, Volume 59, 2012, pp.647-653.	Journal	International	K.Siva Prasad
20	Jordan journal of Mechanical and industrial engineering Shaking force and shaking moment balancing of planner Mechanisms with high degree of Complexity	Journal	International	<u>P.Nehemia</u>
21	Static strength Analysis of Elliptical Chord Tubular T- Joints Using FEA IJMERE ISSN:2277-7881 volume 1, issue 4, sep 2012 page no's :289-304	Journal	International	K.Satyanarayana M.Prasanth



				kumar& R.C.Chandra Mouli
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2011-12

Sln o	Publiction Details	Confernce/ Journal	National/International	Staff Name
1	Astudy on Coupled and modified structure analysis for effective modal testing	Journal	International	T.V.Hanuma ntha Rao
2	A Generic Approach to Apply TQM to the Engineering Education process	Journal	International	T.V.Hanuma ntha Rao
3	AStudy on damper health diagnosis in marine diesel engine using condition monitoring techniques.	Journal	International	T.V.Hanuma ntha Rao
4	Studies on TRibological properties of Zno filled polymer Nano – Composites	Journal	International	Dr.B.Nagaraj u
5	Prediction of Weld Quality in Plasma Arc Welding using Statistical Approach	Journal	International	K.Siva Prasad
6	Optimizing pulsed current micro plasma arc welding parameters to maximize ultimate tensile strength of Inconel 625 Nickel alloy using response surface method	Journal	International	K.Siva Prasad
7	Prediction of Weld pool Geometry in pulsed current micro Plasma Arc Welding of SS304L Stainless Steel Sheets	Journal	International	K.Siva Prasad
8	A Study on Weld Quality Characters of pulsed Current Micro Plasma Arc Welding of SS304L Sheets,	Journal	International	K.Siva Prasad
9	Prediction of Weld Bead Geometry in Plasma Arc Welding using factorial Design approach.	Journal	International	K.Siva Prasad
10	Establishing Empirical Relationships to predict Grain Size and Hardness of pulsed current Micro plasma Arc Welded Inconel 625 sheets	Journal	International	K.Siva Prasad
11	Optimizing pulsed current Micro plasma Arc welding parameters to maximize Ultimate Tensile Strength of SS304L Sheets Using Hooke and Jeeves Algorithm	Journal	International	K.Siva Prasad
12	Effect of process Parameters of pulsed Current Micro plasma Arc Welding on Weld pool Geometry of AISI 304L Stainless Steel Sheets.	Journal	International	K.Siva Prasad
13	Establishing Empirical Relations to predict Grain Size and Hardness of pulsed Current Micro plasma Arc	Journal	International	K.Siva Prasad

	Welded SS304L Sheets.			
14	Optimizing Fusion Zone Grain Size and Ultimate Tensile Strength of pulsed Current Micro plasma Arc Welded Inconel 625 Alloy Sheets Using Hooke & Jeeves method	Journal	International	K.Siva Prasad
15	Application of design of Experiments to plasma Arc Welding : A Review,	Journal	International	K.Siva Prasad
16	Study on Weld Quality characteristics of pulsed current micro plasma arc welding of Inconel 625 sheets	Journal	International	K.Siva Prasad
17	Review on application of Response Surface Method based Design of Experiments to Welding processes.	Journal	International	K.Siva Prasad
18	Shaking force and shaking moment balancing of Planar Mechanisms with high degree of Complexity	Journal	International	P.Nehemia

b. Papers published by faculty in National Journals : 0

c. Papers presented by faculty in International conferences : 8

SNo	Publication Details	Conference/Journal	National/International	Staff Name
1	Effect of welding current mode on weld quality characteristics of Micro Plasma Arc Welded Inconel 625 welds at AIMTDR 2012 held during 14-16 December 2012, at Jadavpur University, Kolkata, India.	conference	International	k.sivaprasad
2	Effect of welding speed on weld quality characteristics of pulsed current micro plasma arc welded AISI 304L Sheets" at 11th Global Congress on Manufacturing and Management GCM 2012 held during 28-30 November 2012, at AUT University, Auckland, New Zealand.	conference	International	k.sivaprasad
3	A comparative study of weld quality characteristics of various austenitic stainless steels welded using pulsed current micro plasma arc welding process, INCRAME 2012, MGR University, Chennai, India, April 19-20, 2012.	conference	International	k.sivaprasad
4	Unconstrained Optimization for Maximizing Ultimate Tensile Strength of Pulsed Current Micro Plasma Arc Welded Inconel 625 sheets ,	conference	International	k.sivaprasad

	Proceedings of the InConINDIA 2012, AISC 132, Springer-Verlag Berlin Heidelberg 2012, pp.245-352.			
5	Prediction of Pulsed Current Micro Plasma Arc Welding Process Parameters to obtain Sound Weld Pool Geometry in SS304L Stainless Steel Sheets, INCRAME 2011, MGR University, Chennai, India, April 21-23, 2011.	conference	International	k.sivaprasad
6	Optimizing Fusion Zone Grain Size And Ultimate Tensile Strength Of Pulsed Current Micro Plasma Arc Welding Welded SS304L Sheets Using Hooke & Jeeves Algorithm	conference	International	k.sivaprasad
7	Static Strength Analysis of Elliptical chord Tubular T- Joints Using FEA. 3 <sup>rd</sup> Assianconference on Mechanics functional of materials & structures (ACMFMS-2012)	conference	International	K.Satyanarayana V.Krishna
2011-12				
1	A Comparative study of Weld Quality characteristics.	Conference	International	K.Sivaprasad

d. Papers presented by faculty in National conferences : 5

Sln o	Publiction Details	Confernce/ Journal	National/ Internatio nal	Staff Name
1	A.Vishista, Shehnaz Khatoon, Investigation on effect of welding speed on mechanical properties of pulsed current micro plasma arc welded AISI 304L Sheets, Proceedings of "National Conference on Advances in Mechanical Engineering –NCAME 2012" organized by Bapatla Engineering College, Bapatla on 27 <sup>th</sup> March 2012.	conference	National	k.sivaprasad
2	Kinematic Analysis and Dynamic Balancing of four Bar and slider crank Mechanisms First National conferencon Advance in Mechanical Engeneering (NCAME2012	conference	National	P.Nehemia
3	Aero\Dynamic&Aerocoustic Analysis of Centrifugal Blower for Noise Reduction at. National Symposium on Acoustics"	conference	National	V.Krishna

4	Kinematic Analysis and Dynamic Balancing of Four bar and Slider Crank Mechanisms	Conference	National	P.Nehemia
5	Finite Element Analysis of Static and Dynamic Strength of Tubular T Joint	Conference	National	K.Satyanarayana

3. Workshops / Conferences conducted by the Department :

S. No	Name	Name of the Workshop/Conference	Organized by	Duration
1	K Satyanarayana	Recent advances in Manufacturing Automation and Simulation	CBIT, Hyderabad	07.05.2012 to 19.05.2012
2	K Satyanarayana	Introduction to Matlab programming and Simulink-2012	MVGR college of Engg., Vizayanagaram	30.05.2012 to 02.06.2012
3	K. Siva Prasad D.S.Ravi Kiran	Welding for Economic Fabrication, Repair and Maintenance in Industries	Visakhapatnam Steel Plant, Indian Institute of Welding	20.09.2011 to 21.09.2011
4	V. Bindu Niharika, M. Raja Roy	An workshop on Ship and offshore structures	Marine Engineering of Andhra University College of Engineering	28.03.2011 to 30.03.2011
5	Ch. Pragna, I.Aruna Kumari	ICCM-2011, GITAM	GITAM	24.02.2011 to 25.02.2011
6	G.Uma Maheswara Rao, K.Siva Prasad, I.Aruna Kumari	Workshop on Design of Mechanical & Marine Systems	Department of Marine Engineering, AUCE, Andhra University, Visakhapatnam, AP	January 2011

4.Prizes / Merit Awards won by Students

S. No	Names of the Students	Year	Dates	Particulars
2012-13				
1.	T.Rajesh	2012-13	Dec 7th	Won II <sup>nd</sup> Prize in the Event of <b>Robotics Expo</b> at Gitam University.
2	R.Teja Laksmi & M.Anusha,S.pallavi.	2012-13	Sep 22 <sup>nd</sup>	Won 1 <sup>st</sup> prize in paper presentation on Wind Energy <b>ECOTECH</b> held at Andhra University.
3.	S. Nirmal Chaitanya	2012-13	Sep 5 <sup>th</sup> -8 <sup>th</sup>	Won II <sup>nd</sup> prize in poster presentation in <b>I-Gensis</b> held at Andhra University.
4.	S. Nirmal Chaitanya	2012-13	Sep 5 <sup>th</sup> -8 <sup>th</sup>	Won II <sup>nd</sup> prize in Innovationeer in <b>I-Gensis</b> held at Andhra University.
2011-12				
1	S. Nirmala Chaitanya	III -B	16.12.2012 to 17.12.2012	Won I Prize in Paper presentation titled “ <b>Research work on Conversion of Environmental</b>

				<b>Waste to Energy – The Electrical Energy” in the “International Conference on Renewable Energy Technologies” held at PSG college Combatore .</b>
2.	N M Mounica,	II - A	03.01.2012 to 07.01.2012	Presented a paper entitled “ Advanced Piezo Electric Transducers for High Frequency Application” in the 99 <sup>th</sup> Indian National Congress held at KIIT University, Bhubaneswar.
3.	B Swathi, S Srinivas	II	27.02.2012 to 29.02.2012	<b>Consolation prize in Aadrita in MVGR for paper presentation</b>

5. Games / Sports participated by Students:

S. No	Names of the Students	Year	Dates	Particulars	PEO
1.	Md.Azaruddin	III	24-6-2011 25-6-2011	Md.Azaruddin performed non-stop “ <b>DOUBLE NANCHAK</b> ” rotation for 30 hours at TNR Function hall,Gajuwaka,Visakhapatnam from 12.00 pm on june 24 till 6.00 pm on june 25,2011.	4
2.	Sai Nihar .P	II-B	Dec-2011	<b>FIRST PRIZE</b> IN “TABLE TENNIS” held at Manipal University,Manipal.	4
3.	O.Arjun P.Vivek S.Vamsi	II III II	21.12.2011	Won a trophy in “CRICKET” from Andhra University ‘B’ Zone inter-collegiate Tournament-2011 at Raghu institute of technology.	4
4.	T.Siddharthi Ankit Parmar J.P.Santosh	I I II	21.12.2011	Participated in the event “BASKET BALL” from Andhra University ‘B’ Zone inter-collegiate Tournament-2011 at Raghu institute of technology.	4
5.	S.Suresh B.Naheshwar Rao CH.Sri ram A.Ram Charan	IV II IV III	21.12.2011	Participated in the event “VOLLEY BALL” from Andhra University ‘B’ Zone inter-collegiate Tournament-2011 at Raghu institute of technology.	4
6.	N. Prathap Kumar	IV	24.12.2010	Won a trophy in “HAND BALL” Senior Nationals at U.P, Ranikot.	4

6. Distinguished Alumni:

12.(g)	Course	: Civil Engineering
	Level	: UG
	Name of the Department	: Civil Engineering
	Course	: BE
	Level	: UG
	1st Year approval by the council	: 2011

	CAY	CAY-1
	2011-12	2012-13
Year wise sanctioned intake :	60	60
Year wise Actual Admissions :	59	59
Cut off marks – General quota (Eamcet rank) :		

Year	Category	Best rank male	Least rank male	Best rank female	Least rank female
CAY (2011-12)	GEN	6772	12129	15559	24623
CAY-1 (2010-11)	GEN	9158	10681	15814	-

% Students passed with Distinction	:	----
% Students passed with First Class	:	----
Students Placed	:	----
Average Pay package, Rs. / Year in Lacs	:	----
Students opted for Higher Studies	:	----
Accreditation Status of the course	:	
Doctoral Courses	:	----
Foreign Collaborations, if any	:	----
Professional Society Memberships	:	----
Professional activities	:	----
Consultancy activities	:	----
Grants fetched	:	----
Departmental achievements	:	

1. Faculty Qualification Improvements :

S.NO	NAME	PREVIOUS QUALIFICATION	IMPROVED QUALIFICATION
1	J.VIKRANTH	M.E	Pursuing Ph.D
2	P.V.R.K. REDDY	B.E	Pursuing M.E

2. a. Papers published by faculty in International Journals :  
b. Papers published by faculty in National Journals : -  
c. Papers presented by faculty in International conferences :  
d. Papers presented by faculty in National conferences : -

3. Workshops / Conferences conducted by the Department :

4. Prizes / Merit Awards won by Students

S.NO	NAME OF THE STUDENT	YEAR	DATES	PARTICULARS
1	Ch. Lakshmi Srinija	2012	15-09-2012	Won Second Prize in Paper Presentation conducted by A.U under the name 'ACCESS-12'
2	P. Harika	2012	15-09-2012	Won Second Prize in Paper Presentation conducted by A.U under the name 'ACCESS-12'

5. Games / Sports participated by Students : ---

6. Seminar / Workshop Attended by students :

S.NO	Name of the	Workshop/	National /	Name of the student
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	Seminar/Workshop/ Conference attended	Conference/ Seminar	International	
1	participated in “SEISEMIC DESIGN OF BUILDING” Workshop conducted during TECHNOZION organized by National Institute of Technology, Warangal during September 28th -30th 2012	Workshop	National	B .Sarath Chandra, B . Sravani Roja, B. Ramesh Reddy, G. Vamsi Krishna, K. Himabindu, M.V.Bhargav, R. Anusha, S. Sneha, Sk. Munnisha Begum, S.V.P.S. Siva Ram

## 7. Distinguished Alumni: -----

Course : Master of Computer Applications

Level : PG

1st Year approval by the council : 2006-07

Year wise sanctioned intake : 2012-13(60 seats), 2011-12(60 seats), 2010-11 :( 60 Seats)

Year wise Actual Admissions : 2012-13:(37 Seats), 2011-12 : (45 Seats), 2010-11 : (46 Seats);

Cut off marks – General quota : 2012-13: (95250), 2011-12: (2309), 2010-11: (1503)

% Students passed with Distinction

% Students passed with First Class : 2009-2012: 32/39 (82.1%), 2008-2011 :38/45(84.40%)

2007-2010: 54/59(91.5%)

Students Placed : 2009-12: 13; 2008-11: 18; 2007-10: 48

Average Pay package, Rs./Year : 3.25

Students opted for Higher Studies : 2008-11: Nil; 2007-10: Nil, 2006-09: Nil,

Accreditation Status of the course : Not Accredited

Doctoral Courses : NIL

Professional Society Memberships : CSI, ISTE

Professional activities : Samhita, Aadyota, CSI Event

Consultancy activities : NIL

Grants fetched : NIL

### Departmental Achievements:

#### 1. Higher degrees achieved

Sl. No	Name of The Faculty	Higher Degree
1.	Mr. K. Yogeswara Rao	M.Tech.

2.	Mrs.T.Susan Salomi	M.Tech.
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## 2. Faculty Qualification Improvements:

Sl.No	NAME	PREVIOUS QUALIFICATION	IMPROVED QUALIFICATION
1	T. Susan Salomi	MCA	M.Tech
2	K.Moni Sushma Deep	MCA	Pursuing M.Tech in ANITS
3	K. Yogeswara Rao	MCA	M.Tech
4	S.V.S.S.Lakshmi	MCA	Pursuing M.Tech in ANITS

### 2. a. Papers published by faculty in International journals: 09

1. Mr. K. Yogeswara Rao ,Asst.prof., dept of MCA has published a paper titled Classification Based Image Segmentation Approach ,*IJCST Vol. 3, Iss ue 1, Jan. - March 2012.*

2. . Mr. K. Yogeswara Rao ,Asst.prof., dept of MCA has published a paper titled A Combinatorial Morphological Algorithm to Smooth Images, *IJCST Vol. 3, Iss ue 4, Oct – Dec 2012.*

3. . Mr. K. Yogeswara Rao ,Asst.prof., dept of MCA has published a paper titled A Fuzzy Grid-Clustering Algorithm, *IJCst Vol. 2, ISSue 3, September 2011.*

4. Mrs. T. Susan Salomi,Asst.prof., dept of MCA has published a paper titled A Simulation Study between the Random Based Synthetic Entity Mobility Models in Ad Hoc Networks ,*International journals of Computer Technology and Applications (IJCTA), vol 2, issue 3 , ISSN: 2229-6093, PP: 675-682, may 2011*

5. Mrs. K. Moni sushma Deep, Asst.prof., dept of MCA has published a paper titled Application of Blind Deconvolution Algorithm for Image Restoration , *International journals of engineering science and technology (IJEST), vol 3, issue 3 , ISSN: 0975-5462, PP: 1878-1884, march 2011.*

6.Mrs.S.V.S.S.Lakshmi , Asst.prof., dept of MCA has published a paper titled A Study On Green Computing: The Future Computing And Eco-Friendly Technology ,*International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622 www.ijera.com Vol. 2, Issue4, July-August 2012, pp.1282-1285*

7. Mrs. Ch.Sita Kameswari, Assoc. Prof., dept of MCA has published a Paper titled A Machine Doctor for Diagnosis of Gynic & Obstetric Problems Using Neural Networks (Vol.3 No.2 2010) was published in International Journal of Computer Sciences, Systems Engineering and Information Technology a Bi-Annual journal Published By : Serials Publications with ISSN: 0974-5807.

8. Mrs. Ch.Sita Kameswari , Assoc. Prof., dept of MCA has published a paper titled “Brain informatics expert system using the techniques of machine learning” was published in the proceedings of the international conference on “Millennium Development Goals the role of ICT and other appropriate technologies MDFICT-2009” with ISBN : 978-93-80043-64-7.

9. Mr. D. Srinivasa Rao, Assistant. Prof., dept of MCA has Published a paper titled “Comparative performance evaluation of TPA over TCP protocol in MANETs” in



International journals of Computer science and technology (IJCST), vol 2, issue 1 , ISSN: 0976-8491, PP: 63-68, march 2011.

10. Mr. D. Srinivasa Rao, Assistant. Prof., dept of MCA has Published a paper titled "Application of Blind Deconvolution Algorithm for Image Restoration" in International journals of engineering science and technology (IJEST), vol 3, issue 3 , ISSN: 0975-5462, PP: 1878-1884, march 2011.

11. Mrs. P. Lavanya Kumari, Assistant. Prof., dept of MCA has Published a paper titled "Comparative performance evaluation of TPA over TCP protocol in MANETs" in International journals of Computer science and technology (IJCST), vol 2, issue 1 , ISSN: 0976-8491, PP: 63-68, march 2011.

12. Mrs. P. Lavanya Kumari, Assistant. Prof., dept of MCA has Published a paper titled "Application of Blind Deconvolution Algorithm for Image Restoration" in International journals of engineering science and technology (IJEST), vol 3, issue 3 , ISSN: 0975-5462, PP: 1878-1884, march 2011.

#### **b. Papers published by faculty in national Journals: 01**

1. Mrs. Ch.Sita Kameswari , Assoc. Prof., dept of MCA has published a paper on "Gynacology Expert System" in the proceedings of 96th Indian Science Congress conducted at Shillong during Jan 03-07, 2009.

#### **c. Papers presented by faculty in International conference:02**

1. Mr. D. Srinivasa Rao, Assistant. Prof., dept of MCA has Presented a paper titled "Metric-Driven Load Balancing System in WMS on Distributed Computing Platform" in IEEE 3rd International Conference on Machine Learning and Computing (ICMLC-2011), ISSN: 978-1-4244-9253-4, PP: 297-300, on 23rd to 25th February 2011.

2. Mr. K. Yogeswara Rao, Assistant. Prof., dept of MCA has Presented a paper titled "Metric-Driven Load Balancing System in WMS on Distributed Computing Platform" in IEEE 3rd International Conference on Machine Learning and Computing (ICMLC-2011), ISSN: 978-1-4244-9253-4, PP: 297-300, organized at Singapore on 23rd to 25th February 2011.

#### **d. Papers presented by faculty in National Conference:07**

1. Mrs. S.V.S.S. Lakshmi , Assistant. Prof., dept of MCA has Presented a paper Virtual City Environment using Distributed Web , *AIRES-2012, a National Conference, on 29th & 30th June, 2012*

2. Mrs. Ch.Sita Kameswari, Sr.Asst. Prof., dept of MCA has presented a paper on "Pattern Recognition" in the 95th Indian Science Congress conducted at Andhra University during Jan 03-07, 2008. The same was published in the proceedings of the conference.

3. Mr. D. Srinivasa rao, Assistant. Prof., dept of MCA has Presented a paper titled "A Study of Radio Frequency Identification (RFID)" in National Conference on Information Computation Technologies and E-Governance (NCICTG-2010) organized by Laxmi Devi Institute of Engineering and Technology, Alwar, Rajasthan, India on 19th to 20th November 2010.

4. Mr. D. Srinivasa rao, Assistant. Prof., dept of MCA has Presented a paper titled "Detection of Road Traffic Congestion using Voting Scheme in VANETs" in 3rd national

conference on Next Generation Computing and information and Systems (NGCIS-2010) sponsored by EMC and AICTE organized by Model Institute of Engineering and Technology, Jammu, India on 18th to 19th December 2010.

5. Mrs. P. Lavanya Kumari, Assistant. Prof., dept of MCA has Presented a paper titled “A Study of Radio Frequency Identification (RFID)” in National Conference on Information Computation Technologies and E-Governance (NCICTG-2010) organized by Laxmi Devi Institute of Engineering and Technology, Alwar, Rajasthan, India on 19th to 20th November 2010.

6. Mrs. P. Lavanya Kumari, Assistant. Prof., dept of MCA has Presented a paper titled “Detection of Road Traffic Congestion using Voting Scheme in VANETs” in 3rd national conference on Next Generation Computing and information and Systems (NGCIS-2010) sponsored by EMC and AICTE organized by Model Institute of Engineering and Technology, Jammu, India on 18th to 19th December 2010.

7. Mrs. P. Lavanya Kumari, Assistant. Prof., dept of MCA has Presented a paper titled “Metric- Driven Load Balancing System in WMS on Distributed Computing Platform” in IEEE 3rd International Conference on Machine Learning and Computing (ICMLC-2011), ISSN: 978-1-4244-9253-4, PP: 297-300, on 23rd to 25th February 2011.

### **3. Seminars/Conferences/workshops attended by the Faculty: 10**

1. Mr. D.Srinivasa Rao Asst. Prof. Dept. of MCA has participated in AICTE sponsored Two Day National Level Workshop on Foundations of Middleware Technology during 6-7 March 2010 at Sree Vidyaniketan Engg. College,Tirupati.

2. Mrs. Ch.Sita Kameswari Assoc. Prof. Dept. of MCA has participated in One Day Workshop on “Distributed DataBase Systems”conducted for the faculties By Pearson Education India on 9th March 2010 at Department of Computer Science and Systems Engineering , Andhra University.

3. Mrs. T.Susan Salomi Asst. Prof. Dept. of MCA has attended the 2nd National Workshop on “Data Engineering” Organized by Department of Computer Science and Systems Engineering ,College of Engineering(A),Andhra University , Visakhapatnam the on 26th March 2010 .

4. Ch. Sita Kameswari ,T.Susan Salomi ,D.Srinivasa Rao , K.Yogeswararao , P. Lavanya Kumari, K.Moni Sushmadeep have attended a two week AICTE Sponsored Faculty Development Program “Computational Intelligence and its applications to Data Mining” conducted at Dept of CSE, ANITS campus during 30th April to 13th May 2010.

5. T.Susan Salomi and P. Lavanya Kumari have attended a 5-days faculty empowerment program MISSION 10X conducted by Wipro Technologies during 17th May to 21st May 2010 at ANITS campus.

6. Mr.K.Yogeswara Rao, Asst Professor , Mrs.K.Moni Sushma Deep, Asst Professor, Department of MCA and 30 students of III/III MCA have attended a 3 day workshop on DB2 technologies during 3rd,4th,5th July 2010 by technical experts from IBM at Anits campus.

7. Mrs. T. Susan Salomi, Asst Professor, Department of MCA and Mrs. P. Lavanya kumari , Asst professor, Department of MCA have attended a 2- day Advanced Mission 10X

Workshop conducted by WIPRO technologies during 26th & 27th Aug 2010 at ANITS campus.

8. Mr. D. Srinivasa Rao, Asst Professor, Department of MCA and Mrs. T. Susan Salomi, Asst professor, Department of MCA have participated in the workshop on "Advanced Embedded Systems Design" conducted on 3rd & 4th Sept 2010 at Department of Systems design, Andhra university, Visakhapatnam

9. Mrs. Ch. Sita Kameswari, Assoc Professor, HOD, Department of MCA has attended a three day National workshop on "Advances in Software Testing" organized by the Department of Computer Science & Engineering, GITAM Institute of Technology, GITAM University, Visakhapatnam during 27th to 29th Sept 2010.

10. Mrs. S.V.S.S. Lakshmi Asst Professor, Department of MCA have participated in the workshop on "Embedded Systems & Applications" organized by the Dept. of Systems Design, Andhra University.

#### **4. Staff Achievement: 02**

1. Mr. K. Yogeswara Rao, Asst. Professor, Department of MCA has completed M.Tech in Information Technology from Andhra University in NOV 2010.

2. Mrs. Ch. Sita Kameswari, Assoc. Professor, HOD, Department of MCA has completed M.B.A (HR) from IGNOU in June 2010

3. Mrs. T. Susan Salomi, Asst. Professor, Department of MCA has completed M.Tech in Information Technology from Andhra University in NOV 2011.

#### **5. Workshops/ Conferences conducted by the Department:**

1. ANITS CSI Student branch conducted Guest Lecture on "Agile Methodologies" on 17/12/2012. About 250 Final Year students of CSE, IT & MCA attended this event. The Guest lecture was followed by Inauguration session. In the Inauguration session the Principal of the college Prof VSRK Prasad advised the students to utilize this opportunity to interact with Industry pioneer. HOD CSE Prof Suresh Chandra Satapathy reinforced the fact that the departments CSE, IT & MCA are committed for value addition training programs by conducting such Guest lecturers & workshops through CSI banner. The resource person for this expert lecture was Bhargava Vadapalli, Vice-President, Strategy and Planning at Infotel Broadband Services Ltd, Mumbai, a wholly owned subsidiary of Reliance Industries Ltd (RIL). He has enlightened the students with state of art Software development model Agile methodologies and its impact on ICT. He focused on the Key drivers & business/ Job opportunities for the budding engineers in the next decade. The session was ended with vote of thanks by Mr Tirimula Rao Benala, CSI Coordinator

2. Department of MCA has organized a Workshop on Android Application Development in collaboration with Chestnut India solutions Pvt. Ltd. from 24th August 2012 to 25th August 2012. The program was inaugurated by Director (Admin) Prof. R Govardhana Rao and HOD, MCA Prof. Suresh Chittineni.

The basic objective of this unique workshop is to impart the students with the latest applications of android mobile operating system. The coordinators of the workshop informed that the workshop concluded on 25th of August by providing hands-on exposure in Android application development for the students.

The activities during the workshop involved:

- Different mobile app development methodologies.
- Provide exposure and compare mobile app and web development.
- Start with Android.
- Provide exposure to Android architecture, how typically a Android phone works.
- A Media Player program.
- A Location based services program using Google maps.
- Installing these apps on the Android device and live testing

3. Samhita AmcaA (Anits MCA Students Association) was inaugurated on 25-09-08 in MCA department. Prof. Ganapathi Rao, Principal inaugurated ANITS MCA student's Association SAMHITA.

SAMHITA the word is derived from Sanskrit which means blend of different cultures, thoughts and traditions. The aim of the Association is to organize different technical fests, seminars and workshops to nurture the creativity and innovation of students. It is also having the noble aim of collecting funds and support the needy in various ways. Office bearers of SAMHITA are as follows:

4. AADYOTA-09 The department of MCA has organized a two day National Level Student Technical Symposium „AADYOTA-09“ on 18th and 19th September, 2009.

Dr. Deepak Madala, Director, ACCLARIS Business Solutions was the Chief Guest and Sri Kuda Nageswara Rao, Dept of CS&SE , Andhra University was the Guest of Honor for the Inaugural Function.

Prof. V.S.R.K. Prasad, Principal, ANITS presided over the function. Mrs. Ch.Sita Kameswari, HOD, MCA was the convener of the event.

Sri T. Jacob Raj Kumar, Vice President (Operations), Symbiosis Technologies was the Chief Guest and Prof. P.S.Avadhani, Chairman, AU Board of Studies was the Guest of Honor for the Valedictory function. More than 300 students from various colleges have participated in events like paper presentations, poster presentation, quiz, debugging, photo expo etc. The best paper from each session (8 in No.) was given a cash prize of Rs. 1000/- Symbiosis Technologies presented Fast track watches and merit certificates to the meritorious students of all years of all the branches of ANITS.

5. 1ST AP State Student CSI Convention (SSC-2010) hosted by department of CSE, IT and MCA, ANITS organized by computer society of India (CSI) conducted on 10th 11th December 2010.

6. AADYOTA-08, National level Computer Applications Students meet, conducted by dept. of MCA. ANITS provides an excellent opportunity to all the students of Computer & IT field to come together & brainstorm the upcoming development in Computer & relevant areas. It provides a platform for students of various Institutes across INDIA to showcase their innovative ideas and honeup their skills and talent.

7.A joint International conference on Swarm , Evolutionary and Memetic Computing (SEMCCO) and Fuzzy and Neural Computing Conference (FANCCO) organized by the departments of CSE , IT and MCA , ANITS from 19th – 21st Dec 2011 which was the first International Conference in Andhra Pradesh . The organizing secretaries of the conference were Dr. S.C. Satapathy , HOD , Dept. of CSE , Prof. Ch. Suresh , HOD , Dept. of IT & MCA and Mrs. Ch. Sita Kameswari , Assoc. Professor , Dept. of IT & MCA . The President for the

inaugural function of the conference which was held on 19th Dec 2011 was Sri. V. Thapovardhan , Secretary & Correspondent , ANITS . Dr. K. Kesavasamy , Global Head –

Academic Interface Programme , TCS was the Chief Guest and Dr. P.N. Suganthan , NTU , Singapore and Dr. B.K. Panigrahi , IIT Delhi were the Guests of Honour for the inaugural function . Eighteen technical sessions were conducted and 150 papers were presented in the conference . The selected papers were published in Springer – Verlag Berlin Heidelberg 2011 , LNCS 7076 , LNCS 7077 . Keynote lectures were given by Prof. A. Carlos Coello Coello , Chair , Computer Science Dept. at CINVESTAV – IPN MEXICO and Prof. Dipankar Das Gupta , Computer Science Dept. , University of Memphis on 19th Dec 2011 , Prof. Jacek M. Zurada , Distinguished University Scholar , University of Louisville , USA , Prof. N.R. Pal , ECS Unit ISI , Kolkata on 20th Dec 2011 . A tutorial was conducted on “Swarm Intelligence : An Optimization tool for various Engineering Applications “ by Dr. S.K. Udgata , University of Hyderabad on 20th Dec 2011 . Invited talks were given by Dr. Sumant Yenduri , Assoc. Professor , University of Southern Mississippi and Dr. Amit Kumar , Co & Chief Scientific Officer , Bio – Axis DNA Research Centre , Hyderabad on 21st Dec 2011 . The Valedictory function for the Conference was held on 21st Dec 2011 and was Presided by Prof. R. Govardhana Rao , Director (Admin) , ANITS . Prof. A. Carlos Coello Coello was the Chief guest , Dr. Louise Perkins , University of Southern Mississippi and Swagatham Das , Jadavpur University were the Guests of Honour .

#### 6. Prizes/Merit Awards won by Students:

1. Mr. K. Rama Chandra Rao, 2/3 MCA Boxing Champion of Bantan Weight 52Kg-64Kg, A9) category has won a Gold medal in 5th Charles and Florence Memorial Boxing Trophy held at Eastwood High School, Bangalore during 1st to 4th December 2008
2. Trophy won by MCA students for Ball badminton-09 as a part of annual day sport (marth 7th 2009)
3. Ms. Gayatri Devi, 2/3 MCA won 1st Prize in Chess & caroms for Annual day celebrations (march 7th 2009)
4. Mr. L. Kishore Kumar of II/III MCA is awarded for his excellence in Technical Quiz (1st Prize) and Debugging (2nd Prize) conducted during “ekathra” at Gayatri Vidya Parishad, College of Engineering, Visakhapatnam during feb 17th 19th 2011.
5. Workshops/ Seminars/Training sessions attended by the Students:08 1.all II/III MCA students have attended a national seminar on the topic Data Base Tuning and Performance Issues in ANITS
6. Infosys Campus Connect conducted a Webinar on the topic “Data Base Tuning and Performance Issues.” in ANITS Auditorium on March 22, 2010 . I/III MCA and II/III MCA students attended for the Webinar.
7. A Training Session was held for MCA Students at ANITS on 19th March 2010 as a part of THE HINDU EDUCATION PLUS CLUB“S (E-CLUB) Initiative by the director of Conduira Mohammed Abdullah on Vocabulary learning.
8. 30 students of III/III MCA have attended a 3 day workshop on DB2 technologies during 3rd,4th,5th July 2010 by technical experts from IBM at Anits campus.

9. 30 students of II/III and III/III MCA have attended Robotic pre-workshop seminar conducted by CSI at ANITS campus on 10th July 2010.
10. 18 students of III/III MCA accompanied by Mr. Lazarus T Prakash, Training & Placement Officer attended "SPARK" program at "INFOSYS" campus, Hyderabad on 24th July 2010.
11. Students of III/III MCA have attended Seminar on " Industry Motivation Campaign" organized by Entrepreneurship Development Cell (EDC) in association with the Ministry of Micro, Small and Medium Enterprises (MSME) on 8th Sept 2010 at ANITS campus.
12. Mr. D. Veera Raju, Mr. T. Pradeep, Mr. B. Vinod of III/III MCA have participated in "Micro Controller Programming based Robotics Workshop" conducted by Department of CSE/IT jointly with Li2 Innovations Pvt. Ltd. during 4th & 5th Sept 2010 at Anits Campus.
13. 30 students of III/III MCA have attended IBM-RAD workshop at ANITS campus during 10th to 13th Sept 2010.

#### 8. Papers presented by Students: 04

1. Ms. A. Sritulasi, Ms. B. Sireesha and Ms. M. Venkata Lakshmi of III/III MCA presented a paper on " Tiny os " at TECHNOGRAIL held at Andhra University College of Engineering during 18th & 19th Sept 2010.
2. Ms. G. Sailaja, Mr. S. Jagadeeswararao and Mr. Y. Nageswararao of III/III MCA presented a paper on " Zigbee " at TECHNOGRAIL held at Andhra University College of Engineering during 18th & 19th Sept 2010.
3. Mr. M. Narasimha Raju, Ms. G.V. Ch. Padamavathi and Ms. A. Sri Lakshmi of III/III MCA presented a paper on " Animals as Mobile biological sensors " at TECHNOGRAIL held at Andhra University College of Engineering during 18th & 19th Sept 2010.
4. Mr. M. Narsimha Raju, Ms. G.V. Ch. Padamavathi and Mr. Y. Nageswararao of III/III MCA participated in ALGOHOL(Debugging) event of TECHNOGRAIL held at Andhra University College of Engineering during 18th & 19th Sept 2010.








#### 9. Students achievements:

1. 25 Students of III/III MCA have successfully completed the program requirements as an IBM Certified Database Associate DB2 9 Fundamentals on Sept 21st 2010.
2. 17 Students of III/III MCA have successfully completed the program requirements as an IBM Certified Associate Developer Rational Application Developer(RAD) for Web Sphere Software V6.0 on Sept 21st 2010.
3. Miss. A. Sri Lakshmi of III/III MCA has secured 100% score in IBM-RAD exam.
4. Ms. K. Sandhya & Mr. P. Satyanarayana of III/III MCA got selected in Infosys and Mr. Dilip Kumar of III/III MCA got selected in Persistent Systems.

5. Games/Sports participated by students:- Boxing, Chess & carroms

6. Distinguished Alumni :-

10. Staff Details - Teaching

Name	Designation	Qualification	Experience	Profile
 Suresh Chiitineni	Professor & HOD	B.Tech.(CSE),M.Tech,(Ph.D)	15.0 Yrs	<a href="#">More</a>
 K.Yogeswara Rao	Assistant.Prof	MCA.,M.Tech	15.0 Yrs	<a href="#">More</a>
 T.Susan Salomi	Assistant Professor	MCA, M.Tech	12.0 Yrs	<a href="#">More</a>
 K.Moni Sushma Deep,	Assistant Professor	M.C.A.,(M.Tech)	5.0 Yrs	<a href="#">More</a>
 S.V.S.S. Lakshmi	Assistant Professor	M.C.A.,(M.Tech)	3.0 Yrs	<a href="#">More</a>
 SYED FATHIMA	Assistant Professor	M.C.A	2.0 Yrs	<a href="#">More</a>
 V.Usha Bala	Assistant Professor	M.C.A.,(M.Tech)	3.0 Yrs	<a href="#">More</a>

13. Name of Teaching Staff\*

Enclosure : 5

PHOTO

Designation

Department

Date of Joining the Institution

Qualifications with Class/Grade

PG

PhD

Total Experience in Years

Teaching

Industry

Research

Papers Published

National

International

Papers Presented in Conferences

National

International

PhD Guide? Give field & University

Field

University

PhDs / Projects Guided

PhDs

Projects at Masters level

Books Published / IPRs/ Patents

Professional Memberships

**Consultancy Activities****Awards****Grants fetched****Interaction with professional institutions****14. Admission quota#****Entrance test / admission criteria****i) For Category 'A**

For the 70% of the total sanctioned intake filled up seats by the Convener of EAMCET, the rank obtained by the candidate at the Common Entrance Test conducted by APSCHE, with 75% weightage to the Common Entrance Test, 25% weightage to the marks obtained at the qualifying examination, Viz., the intermediate examination.

**Cut off / last candidate admitted**

Branch	Cut off mark / rank for admission during the last three years		
	2012-13	2011-12	2010-11
ECE	6704	4442	3725
EEE	8894	6525	5065
CSE	12182	9645	9390
IT	32122	17150	18722
BT	---	94307	32001
Mech.	8070	6618	5574
MCA	95250	2309	1503
Civil	12129	10681	
Chemical	167475	---	----

**Fees in rupees**

Branch	Fee in Rupees in the last three years		
	2012-13	2011-12	2010-11
ECE	50,200.00	31,000.00	31,000.00
EEE	50,200.00	31,000.00	31,000.00
CSE	50,200.00	31,000.00	31,000.00
IT	50,200.00	31,000.00	31,000.00
BT	50,200.00	31,000.00	31,000.00
Mech.	50,200.00	31,000.00	31,000.00
MCA	42,300.00	27,000.00	27,000.00

**Number of Fee Waivers offered**

S. No.	Branch	2011-12	2010-11	2009-10
1.	B.E./B.Tech.	03	01	01



## Admission Calendar

As per the calendar given by the APSCHE.

### PIO Quota

No

### ii) Category 'B'

The Category 'B' Quota seats are filled by the college transparently as per the guidelines given for the purpose by Andhra Pradesh State Council for Higher Education, Government of A.P., from time-to-time. Only those candidates who have qualified in EAMCET or obtained atleast 60% in the qualifying examination are to be considered and the seats are to be filled up on merit basis.

### Fees in rupees

Branch	Fee in Rupees in the last three years		
	2010-11	2011-12	2012-13
ECE	95,0000	95,000.00	50,200.00
EEE	95,0000	95,000.00	50,200.00
CSE	95,0000	95,000.00	50,200.00
IT	95,0000	95,000.00	50,200.00
BT	95,0000	95,000.00	50,200.00
Mech.	95,0000	95,000.00	50,200.00
MCA	73,100.00	78,000.00	78,000.00

### Number of Fee Waivers offered

S. No.	Branch	2011-12	2010-11	2009-10
1.	B.E./B.Tech.	05	03	01

## Admission Calendar

As per the criteria lay down by the APSCHE.

### PIO Quota

No

## 15. Infrastructural Information

## Enclosure : 6

Classroom/Tutorial Room facilities  
Laboratory details  
Computer Centre facilities  
Library facilities  
Auditorium / Seminar Halls / Amphi

Photo  
Photo  
Photo  
Photo  
Photo

Cafeteria	Photo
Indoor Sports facilities	Photo
Outdoor Sports facilities	Photo
Gymnasium facilities	Photo
Facilities for disabled	Photo
Any other facilities	Photo

### **Enclosure : 7**

<b>16. Boys Hostel</b>	<b>Photo</b>
Girls Hostel	Photo
Medical & other Facilities at Hostel	Photo

### **17. Academic Sessions**

The academic year in respect of II/IV, III/IV and IV/IV, during which period study, in core subjects is offered, is divided into two halves (Semesters). First half (Semester) of the academic year will normally begin from July and lasts till the last week of October. The Second half (Semester) will be normally from November to March. For the first year (I/IV) course, which is common to all branches of study, starts from September after closure of the Admissions by APSCHE, and lasts up to March. The course is run under year-end pattern.

### **Examination system, Year / Semester**

#### **Theory:**

Out of 100 marks for every theory subject, 30 marks are awarded by way of internal assessment and the remaining 70 marks are determined by the University Examinations.

The internal assessment for 30 marks will be evaluated i) by conducting two Mid examinations for 15 marks each, during the course of the semester and taking the average of the two mid examinations, ii) 15 marks, based on tutorials, assignments, and regularity to the classes.

#### **Practical :**

Out of 100 marks for each practical, 50 marks are determined by University examinations and 50 marks by internal assessment. The internal assessment for 50 marks is as follows :

- i) 30 marks for class assignments and writing record,
- ii) 20 marks for semester end internal practical examination.

### **Period of declaration of results**

For the II/IV, III/IV & IV/IV years of study, there will be two mid examinations conducted internally by the college in each Semester.

The Semester-end examinations will be conducted by the University.

In regard to the first year (I/IV) course, which is common for all branches, there will be three mid examinations in an academic year. The year-end examinations will be conducted by the University.

The results of the mid examinations will be announced within 10 days from the last date of the examinations. The Semester-end/Year-end examinations are conducted by the University and their results will be announced by the University within 30 to 40 days from the last date of examinations.

## **18. Counseling / Mentoring**

For effective implementation of the academic programmes, Proctorial System is adopted in which faculty members are designated as Proctors. About 15 students are assigned to each Proctor. The Proctor acts as the campus guardian, mentor and guide to all the students assigned to him/her and keeps a record of their academic performance, attendance, academic & personal problems, if any, by maintaining informal interaction with them and their parents.

For the students who are lagging behind and could not improve their academic record or attitude towards the fellow students, Counseling classes are hold in groups or at individual level, as may be required by the Clinical Psychologist appointed on full time basis. The attendance and progress of the students is reported to the parents periodically and as frequently as required, through the college web and also by post. Automation of this system is yielding good results establishing effective linkage between the college and parents. In some rare cases, the counseling is taken up in the presence of parents.

### **Career Counseling**

- The English Language Lab has been created, designing interactive teaching, by adopting question and answer method, group discussions and open forums on various topics. For improving the communication skills of the students, a soft skill course has been introduced by conducting language lab to I/IV B.E./B.Tech. For improvement of the students' orientation, the Proctorial System has been continuously taken up

- Every third year and final – year student is made to give one seminar in a year on some technical topic.
- Every faculty member gives one seminar per semester on some technical topic of contemporary interest.
- Guest lectures by eminent professors/engineers from reputed institutions / organizations are arranged at regular intervals by all the departments.
- Personality Development courses are being conducted for all the first year students.
- Pre-placement training is arranged for the final – year and pre-final year students.
- Open text book assignment is also given.
- The Placement Cell guides the students in the career development and opportunities.

### **Medical facilities**

Anil Neerukonda Educational Society has been running a 300-bed hospital with about 12 Specialist Doctors and excellent diagnostic and infrastructural facilities in the area adjoining ANITS campus for the benefit of the students of ANITS.

### **Student Insurance**

Insurance Policy has been implemented and covered for all the existing students of ANITS on its own contribution with sum of Rs. 1 lakh personal accident insurance at a premium of one hundred per student per annum.

### **19. Students Activity Body :**

The departmental students associations are organized for each branch of study. Class representative system is adopted to continuously review and assess the coverage of syllabus and the academic activity of the branch concerned. The students and the teachers will be nominated on this committee. They will work in coordination with the departmental associations in celebrating the events of importance and in the college functions. Students' feedback is taken assuring complete privacy and confidentiality to assess the performance of the teachers. This is given due weightage along with other criteria like pass percentage in the individual subjects etc. in assessing the performance of the teachers.

### **Cultural activities :**

In order to mould the students into good and efficient technocrats and entrepreneurs ANITS aims at the all-round growth of the personality of the students so that they are fit to undertake the responsibilities and challenges ahead, cultural activities play an important role in this regard. Students are encouraged to participate in the cultural events like Music, Dance, Anthyakshri etc. organized by the college and sister Institutions in Andhra Pradesh and outside the State.

### **Sports activities**

The college is having well organized play fields and attached Gym. Adequate facilities are made for Indoor and Outdoor games noted below:

#### INDOOR

- Chess
- Caroms
- Table-Tennis

#### OUTDOOR

- Cricket \*
- Volley Ball
- Tennikoit
- Ball Badminton
- Throw ball
- Shuttle Badminton

- Gym Facility
- Bench-press with various weights
- Tread mill (Manual)
- Four station gym (Home)
- Abdomen exercise
- Bicycle ergo meter
- Weights and rods (20Pound, 10Pound, 5Pound )
- Parallel Bar
- Horizontal Bar
- A well laid 200 Mtrs Track

Students are encouraged to participate in the literary events like Essay Competitions, Elocution, Quiz competitions, Seminars and Workshops organized

by the college and sister Institutes in Andhra Pradesh and outside the State. The college is bringing out quarterly News Letter and Annual Magazine to which teachers and students contribute articles, short stories, verses, paintings and drawings.

#### **Magazine / News Letter:**

College is bringing out Quarterly News Letter in which all important events/ activities of the Departments and College are reported. The achievements of the students, staff in the literary activities and their participation in Seminars, Workshops and Conferences are also detailed.

College Magazine is brought out annually in which faculty members, students contribute their articles, artistic works and other works of fine arts.

#### **Technical activities / Tech Fest**

Each Department has its own Technical Society and is having linkages with the Professional Societies concerned. Departments are organizing National level Seminars/Workshops/symposia etc. The students are also encouraged to participate in the Seminars and Workshops conducted by the sister institutions the Universities, NITs and IITs. The details are given in the profiles of individual Departments in the application.

#### **Industrial Visits / Tours :**

ANITS believes that Industrial Visits are an important part of the academic activity. The college being situated in an industrial hub, could establish linkages with Infosys, Wipro, Satyam, TCS, ECIL, DRDO laboratories (DLRL, DRDL and NSTL), BHEL (R&D), Visakhapatnam Steel Plant, Reddy's Labs, Shanta Bio-Tech, Aurobindo Pharma and with the upcoming 'Pharma City' in Visakhapatnam.

Industrial Tours are also organized at the 3<sup>rd</sup> and 4<sup>th</sup> year level of study. These Tours coupled with interaction with Industry provide necessary exposure to the practical aspects of Industry which helps the students to get equipped with the job techniques.

## **Alumni activities :**

Some of the ALUMNUS of this college has occupied important positions in various prestigious Companies and Industries all over the world. Some of them turned good entrepreneurs. ANITS has established ANITS Alumni Associations (AAA) in October 2006 with the following objectives.

- a) To provide a forum of interaction among the alumni and also between the Alumni and the present students.
- b) To enable the Alumni to take an active part in the activities and in the development of ANITS and it was registered with the registrar of Societies in December 2006, 'Alumni get together' will be conducted in the first week of January every year.

The Aluminous of the college have developed a website for developing communication with the students and also the member of the association.

20. Name of the Information Officer for RTI	: Prof. R. Govardhana Rao
Designation	: Director (Admn)
Phone number with STD code	: 08933-225087
FAX number with STD code	: 08933-226395
Email	: r_govardhanarao@yahoo.co.uk