



SWARNAKSHARA

A Newsletter of



SWARNANDHRA COLLEGE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)

• Accredited by NBA, AICTE, New Delhi • Accredited by NAAC with "A" Grade - 3.32/4.00 CGPA
• Recognised under 2(f) & 12(B) of UGC Act 1956 • Autonomous Institute Under JNTUK- KAKINADA • Approved by AICTE, New Delhi,
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INSIDE THIS ISSUE

Editorial	1
About the Departments	2
Training Centre	5
Research and Development	9
Placement Cell	11
Co-curricular Activities	11
Social Activities	12

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Training Centre



Governing Body Meeting was held on 13th March, 2015

Editorial

Dear Readers,

In modern scenario professional students are expected to have the technical, functional, generic and managerial competence. Swarnandhra College of Engineering and Technology strives to provide quality educational programs emphasizing core academic content, technical skills, and seamless transition of the students to meet the challenges of the work force and emerging occupation. Swarnandhra College of Engineering & Technology creates a platform to its students to improve problem solving skills along with life skills. It also implements hands-on activities that enable the students to apply knowledge and provide myriad opportunities for students to interact with potential employers.

Swarnandhra has also realized that tradition and culture are the real foundation for knowledge to any human being. So, apart from imparting technical education, it takes the responsibility of bringing awareness in students about Indian way of living. As a part of it, Swarnandhra celebrated Sankranti Sambaralu on 12th January, 2015 to inculcate traditional and cultural values among students.

Learning outcome plays an important role in each course. It discloses the knowledge what the learner learnt at the end of the course. Swarnandhra College of Engineering & Technology implements the program outcomes, which are formulated based on National Board of Accreditation. The designed curriculum along with the collected learning outcome of the student are implemented. Based on the information given by the students the corrective measures are being incorporated in the institution. Students are encouraged to utilize self-learning modules which are available in the institution, help them to enhance their level of understanding on various emerging topics and enable them to come out with innovative ideas. This process also enhances the students' analytical thinking which leads them towards the research programs and nurtures the passion for presenting papers on various topics in various conferences and project exhibitions. Through this

programme of self-learning, students are trained to achieve technical skills as per the expectations of current needs of institution.

To enhance opportunities to students for better placements, Swarnandhra College of Engineering & Technology conducted a Mega Job Fair in the campus exclusively for 2013, 2014, 2015 passed out students of B.Tech., BSS, BBA of all branches and M.Tech, MCA & MBA on 25th & 26th April, 2015. Seven hundred and fourteen students were recruited by thirty companies and more than one hundred and fifty-seven colleges participated in the job fair. Achievers day and Farewell day celebrated for all the PG and B.Tech final year students of SCET on 21st April, 2015.

Our country is undergoing a severe economic crunch. To protect the interest of Indians and to bring awareness among the Indians about Indian economy, SCET organized a programme "The Usage of Indian Products" on 10th April, 2015. NSS unit of college organized a Mega Campaign in the village Lakshmaneswaram from 27th April to 3rd May, 2015. To create an awareness among the Villagers, Programmes on "Against usages of Plastic products & Prevention of Infecting Diseases" were organised. Programmes like free eye camp, dental camp were conducted in the campus by NSS unit. As a part of social responsibility, the Management of our college conducted a programme "Yuvatha" on 2nd May, 2015, in the campus sponsored by Sri Venkateswara Bhakthi Channel, to integrate the ideas of young people.

Board of Studies Meeting for various respective departments was held in the month of May and June, 2015, to finalize the syllabus from 3rd semester to 8th semester by inviting subject experts from the reputed institutions like IITs and NITs. The finalized syllabi of various departments were approved in the Academic Council Meeting, which was held on 25th June, 2015.

We express our profound gratitude to the management, the Principal and all the faculty members who have extended their support in releasing this issue of "Swarnakshara". We eagerly anticipate your suggestions and queries. Please do meet us at 'Swarnakshara' @ rediffmail.com.

- Mrs Zehrabi



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



VISION

To develop the student as software professionals having good logical thinking and analytical ability require the present trends in computing through adapting new technologies.

MISSION

- ❖ To lay to strong foundation of programming knowledge by concentrating on fundamental concepts of computer science and engineering.
- ❖ To develop flair for logical thinking and innovative methods to write algorithms for complex problems.
- ❖ To strength and expand collaboration and partnership with industry and other organizations.
- ❖ To serve the society through innovation for modern living.

New Trends



Cloud Computing is potentially established in its own way in IT infrastructure. The Cloud Computing has grown vigorously and energetically in the field of Information Technology. The basis for the success of Cloud Computing is that it is very economical over the personal systems. Cloud Computing brings a new glassy of productivity and economy to supplying IT resources on demand - and in the course it opens up novel business models and market openings. The IT companies are spending now on operating costs and reducing the capital expenses. Cloud computing initiates as a way to advance infrastructure resource arrangement and utilization, but fully manipulating this arrangement ultimately leads to a novel application development model. - Dr. M.N.Rao

FACULTY FOCUS: RESEARCH WORK

Dr.M.N.Rao, Prof. wrote a book entitled "Cloud Computing" and got published by PHI. This book was released in May, 2015 and now available in all over the world through Amazon, Flipkart and PHI India Web Portals.



Dr.R.N.V.Jaganmohan, Assoc.Prof. was awarded Doctoral Degree (Ph.D) for his research work entitled "Intensification of L-Axial Based Angle Oriented Picture Recognition Using T-Nary Software Engineering Approaches" from Acharya Nagarjuna University, under the guidance of Dr.K.Raja Sekhara Rao, Director, Sri Prakash College of Engineering,Tuni.

DEPARTMENT ACTIVITIES



MOS Championship received in Delhi.



MOS Championship (Internal) at Swarnandhara.

MOS CHAMPIONSHIP-2015

Swarnandhara College of Engineering & Technology, Narsapur conducted a Technical Competition called Swarnandhara Microsoft Office Specialist 2010 Championship 2k15 along with the contribution of a few other engineering colleges of West Godavari. It encourages students to participate in the competition by offering attractive cash prizes for the first three winners in the three different categories, MOS PPT, MOS EXCEL) each prize worths Rs. 15,000 , Rs.10,000 & Rs.5,000 respectively.

Students' Focus

The following students are the academic toppers in University end exams in their respective classes.



B.K.M.lakshmi 14A21A0557 I/II B.Tech 9.25 CGPA	Ch.Mounika 14A21A0564 I/II B.Tech 9.25 CGPA	K.L.D.Prasanna 13A21A0544 II/I B.Tech 86.06 %	B.P.Chandana 12A21A0508 III/I B.Tech 82.80%	G.R.Swetha 11A21A0529 IV/I B.Tech 81.20%
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The following training Programmes were conducted in the department during Jan-June, 2015.

S.No.	Event	Date
1.	Ethical Hacking Workshop by Mr.Saisatish from JNTUK.	9 th to 11 th February, 2015
2	Campus Recruitment Programme & Aptitude Training	10 th to 21 st February, 2015
3	Android App Designing by Dr.M.N.Rao and Mr.G.K.Prasad Android Restlets Services by Mr. Gangadhar, GIT Solutions, Vizag.	16 th to 21 st March, 2015
4	Swarnandhara MOS Championship 2K15,	7 th March, 2015
5	Linux Basics Workshop by Mr.V.Naresh, Linux Admin Chennai.	16 th -21 st March,2015
6	Android - App Development by Dr.M.N.Rao and Mr.G.K. Prasad	24 th March to 15 th April, 2015
7	Oracle Webinar by Oracle Corporation - P.Srinivas Rao	
8	SVBC "Yuvatha" Group Discussion - A Special Program Shoot by TTD on Proficiency, Concentration	30th April, 2015

PLACEMENTS

Fifty students of IV B.Tech got selected in various MNCs companies like Tech - Mahendra, HCL Services, Polaris, NTT DATA and Hidden BrainS, Infotech Pvt. Ltd.

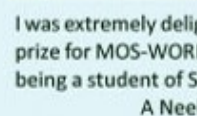
Training and Certification Programmes

- ⇒ Oracle Certification
- ⇒ Microsoft Office Specialist
- ⇒ Microsoft Technical Assistant

Student's Feedback



I felt very happy when I received Rs. 10,000 cash prize for presenting PPT in MOS Championship 2K15 . I'm grateful to my college management for providing me an opportunity to prove myself.
Lavanya , 13A21A0572, III B.Tech



I was extremely delighted when I got Rs. 5,000 cash prize for MOS-WORD 2010 version. I feel proud for being a student of Swarnandhara.
A Neeharika, 13A21A0504, III B.Tech



The rise of Google, the rise of Facebook, the rise of Apple, I think, are proof that there is a place for computer science as something that solves problems that people face every day. - Eric Schmidt

**Vision:**

To evolve the students of Electronics and Communication with technical knowledge and professional competence, so as to meet the challenges with latest technologies for modern society through varied industry requirements.

Mission:

To ignite the young minds and groom as Electronics and Communication Engineers with competence in domain knowledge, professional ethics, to take up new methodologies for reliable communication using digital technologies.

**Modern Trends in Technology
"BUDDY SOCIAL ROBOT":**

Much like the recent trends BUDDY is a social robot that connects, protects, and interacts with each member of the family. By being open sourced and easy to use, the tiny robot protects the user's home, entertains the kids, and helps everyone stay connected. Some tasks of Buddy can do the following: Be a personal assistant: Reminds the users about important tasks and events that are in

agendas. Watch over the home: Patrols, monitors and alerts anything that happens in the household. Hands-free helper: Suggests recipes, plays music, and even answers calls. A child's friend: Allows children to learn through play while having fun. Buddy is also equipped with a new developer program. Blue Frog Robotics shared. Buddy boasts many of the same features as the JIBO family robot that we featured last year, give or take. The one big difference, however, is that Buddy can move around of his own accord, whereas JIBO is static. Buddy is mounted upon three motorized wheels that allow him to move around and turn autonomously. He can move at up to speeds of 70 cm / second (28 in / second) and can even negotiate increases and decreases in ground-height of up to 1.5 cm (0.6 in), such as low steps, transitions between carpets and trailing cables. The robot is 22 in (56 cm) tall and weighs 5 kg (11 lb). He is controlled by an 8-in tablet that also acts as his face and an interface, has 16 GB of local data storage and a battery life of 8-10 hours, as well as built-in Wi-Fi and Bluetooth Low Energy connectivity. A variety of sensors helps to deliver the various functionalities and provided. These include a camera, ultrasound, infra-red and thermal sensors, a range-finder sensor, a temperature sensor and ground detectors. Other inputs and outputs include a microphone, audio output speakers.

Students' Focus:

Students Placements: The students of ECE have been consistent toppers for several years in the list of campus placement records. It is proud that ECE graduates of Swarnandhra are highly rated by employers of various industries in the private and public sectors. Ninety - five students of IV B.Tech got selected in various companies such as Tech- Mahindra, Tech Mahindra (BPO, Hidden Brains, InfoTech Pvt.Ltd, NTT DATA, Polaries, Inrhythm Solutions Pvt.Ltd, Helios Telecom, Axis , Global Automation Group of Companies, Blue Whale Solutions, Nisum Technologies, Southerland Global Services, Aagna Global Solutions Pvt.Ltd, Accel Frantline Ltd, Appdi Technologies Pvt.Ltd, Aqua Pure Plus Pvt.Ltd, Lycatel BPO Pvt.Ltd, Mechknowsoft IT solutions ,Swagatham Resources Management, Zealous Services and Financial Software Systems Pvt.Ltd.

ACADEMIC ACHIEVEMENTS OF STUDENTS:

- The following students participated in different workshops & paper presentations.
- K.V.Girish & M.Venkatesh of ECE presented a paper entitled "Memristor" in a National seminar and won the first prize held at GrandhiVaralakshmi Institute of Technology on 21st February, 2015.
- K.V.Girish & M.Venkatesh of ECE presented a paper in a National seminar & got the third prize organized by K.L.University during 26th & 27th February, 2015.
- K.Murari & K.AasishVarma of ECE participated in a paper presentation competition & secured the second prize held at S.R.K.R Engineering College during 27th & 28th Feb, 2015.
- N.Bhaskar & T.Vamsi Krishna of ECE participated in a National Paper presentation competition & won the third prize organized by S.R.K.R Engineering College held during 27th & 28th Feb, 2015.
- A.DeepthiSreeja a student of ECE presented a paper in a National Literature presentation competition & secured the second prize organized by Vishnu Engineering College for Women during 6th & 7th March, 2015

STAFF Focus:

Paper Presentations in Conferences/Workshops:

The Faculty members of ECE published various contributory papers in International and National Conferences/Journals and also participated in various Workshops.

- J.E.N. Abhilash and M.Premchand published a paper entitled "Novel Architecture for Energy Efficient L2 Cache through Wall Tag Information Beneath Right Through Policy" in an International Journal and Magazine of Engineering ,Technology ,Management and Research(IJMETMR) Volume :2, Issue :3 March, 2015.
- J.E.N.Abhilash and D. Sekhar published a paper entitled "Modelling a New Architecture of Area Delay Efficient 2-D FIR Filter Using VHDL in an International Journal of Research in Computer and Communication Technology, Volum : 4, ISSN:2278-5841, Jan, 2015.
- D.Sekhar and G.Blessy Christina published a paper entitled "Performance Evaluation of CSLA for Area Optimized Applications" in an International journal of Scientific Engineering and Technology Research ISSN 2319-8885, Volume: 4 ,issue:7, March, 2015..
- P.S.Rajababu and R.Muralikrishna published a paper entitled "A New Approach of Design High Speed Area and Power Efficient Adders with QCA Majority Logic Gates by Sing VHDL" in an International Journal and Magazine of Engineering ,Technology ,Management and Research(IJMETMR) Volume :2 Issue :3,ISSN : 2348-4845, March, 2015.
- J.E.N. Abhilash and N.Srikanth published a paper on "An Improved Delay Power Efficient Modified Carry Select Adder Design & Implementation by using VHDL in an International Journal and Magazine of Engineering Technology, Management and Research(IJMETMR) Volume :2 , Issue:3, March, 2015.
- M.Nagesh ,J.E.N. Abhilash and N.Srikanth published a paper entitled " An Efficient Approach of Designing High speed Dynamic Routing of Switching Network on a Single Chip for Multiprocessors Communications" in an International Journal and Magazine of Engineering ,Technology ,Management and Research(IJMETMR) Volume :2 , Issue :3 ,March, 2015.
- J.E.N.Abhilash and Y.V.A.Prasad published a paper entitled "A Novel Architecture Implementation of Reversible Quantum Multiplier Using Binary Tree Optimization for better Performance" in an International Journal of Research in Science & Technology (IJRST) volume :2, Issue : 2,ISSN:2028-2192, June, 2015.

Department Activities:

As a part of academic development ECE department designed the autonomous curriculum and it was approved by members of BOS & Academic Council. The BOS meeting for UG & PG was conducted on 17th May, 2015 to achieve better excellence in academics.



Board of Studies meeting held in the Department

Current Events in the Department:

Students at Embedded work shop

- I.E.T.E Student Chapter Celebrations.
- AICTE & IETE Faculty Development Programmes.
- Autonomous Course Structure Proceedings for B.Tech&M.Tech Programmes.

Student's Voice:

The department cherishes the thoughts of students and strives to make them true. It encourages every student to think creatively. I believe that we don't have to be great to start, but we have to start to be great. So I am grateful to the management & faculty of Swarnandhra for their efforts to develop us in all aspects.



V. Naga Vijaya Sridevi IV B.Tech., (ECE)

If a country is to be corruption free and become a nation of beautiful minds, I strongly feel there are three key societal members who can make a difference. They are the Father, the Mother and the Teacher. APJ Abdul Kalam

**VISION**

Our vision is to be a leader in educating students who are capable of taking a leadership affecting the broad aspects of the Electrical Engineering discipline, industry and society.

Further, the department envisions generating knowledge and serving society through scientific research, thereby leading the development of the Electrical Engineering & Technology of India and the world.

MISSION

- With this vision, we are recruiting high caliber faculties and staffs and by continually improving our curriculum and teaching methods.
- Besides, we are promoting the graduates to discover, disseminate, and apply knowledge related to the broad aspect of Electrical Engineering through innovative pedagogic methods centered on Learning-to-Learn (L2L) principles and various activities including education, scientific research, and social service so as to work skillfully and effectively in multidisciplinary teams, competent to engage in lifelong learning, and thus contribute to the progress of civilizing India and the world.

New Trends In Technology

A hybrid vehicle is a vehicle that uses two or more distinct power sources to move the vehicle, for example a conventional internal combustion engine and also a high voltage electric motor. The term most commonly refers to hybrid electric vehicles (HEVs), which combines an internal combustion engine and one or more electric motors.

However, other mechanisms to capture and use energy may also be included, such as diesel-electric trains which are powered by both diesel engine and electric motor and submarines that use diesel engines to power the rotors and also to charge batteries that power the craft when submerged.

Faculty Focus:**Scholarly contribution**

- Dr.KSGowrisankar published a paper entitled "Multi String Multi Level Inverter for Renewable Energy Resources" in an International Journal of Technology and Engineering Science, Vol:3, (1), pp: 2821-2824, Jan. 2015.
- V. Moorthy published a paper entitled "Investigation on the Effectiveness of Artificial bee Colony Algorithm for fixed head Hydrothermal Energy Management Considering Emission Aspects" in an International Journal of Energy Sector Management, Vol:9, (2), pp:251-273, May, 2015.
- V.Moorthy published a paper entitled "Design of Integral Controller for Load Frequency Control of SASS and CES based Multi Area System Consisting of Diverse Sources of Generation Employing Imperialistic Competition Algorithm" in an International Journal of Electrical Power & Energy Systems, vol:73, pp: 863-871, Jan. 2015.
- M.Bhanu published a paper entitled "Single-Phase Voltage Quality Regulator with MPPT Based Solar System" in an international Journal of Technology and Engineering Science. Vol :3, (1), pp: 2815-2820, Jan, 2015.
- J Rama Chandrarao published a paper entitled "Closed Loop Control of a Three Level Integrated AC-DC Converter" in an International Journal of Technology and Engineering Science, vol: 3, (1), pp: 2829-2833, Jan, 2015.
- A.V.D. Suresh Kumar published a paper entitled "Hybrid PV-Wind Energy System based 1-Phase High Step-up DC-DC Converter fed Split Phase Induction Motor" in an International Journal of Technology and Engineering Science Vol: 3, pp: 2834-2838, Jan , 2015.

Community Contribution

Inter Disciplinary Engineering - "The value of interdisciplinary study is gaining momentum in the development of 21st century engineers. Industry increasingly demands that an engineer has the ability to work outside the boundaries defined by a single field. The interdisciplinary engineering has a broader scope than traditional engineering. It shall be grateful if new TPN based on IDE (Interdisciplinary Engineering) community has to be initiated under good leadership and also IET has to create an online forum in IDE by connecting experienced engineers who are working in industries & Academia to share their knowledge to the members globally.



@ Michael Faraday House London

Mr.K.Kalyan Sagar Asst. Prof. attended 3rd Council Meet at IET head Quarters, London, on 17th June, 2015.

STUDENTS' FOCUS:**Academic Achievement**

The following 3rd B.Tech students are toppers in University exams.



82.26%
M.SAI TEJA
13A25A0216



79.5%
M.SRINIVAS
12A21A0210



79%
B PRASANNA
13A25A0216



76.8%
S. ANUSHA
12A21A010

Students' Publications:

The following students published papers in Gliders in National Electrical & Electronics Innovative 2015. In Proceedings IET a National Conference organized by the department of EEE at St. Xavier's Catholic College of Engineering, Nagercoil, Tamil Nadu, India, pp. 1-64, March, 2015.

Author(s)	Contribution
K. Pradeep Kumar	Modeling And Simulation Of Photovoltaic And Wind
P.Chaitanya Prasad	Hybrid Electric Power System Interconnected With Electrical Utility
D.Sudheer Kumar	An Inrush Current Mitigation Technique of Load Transformer
K.Sandeep	For Series Voltage Sag Compensator
D.Amithkumar	Operation Of Three Phase Induction Motor From Single Phase
A.S.D.Saikiran	Supply By Using Two Parallel Converters
K.Anilkapur	Design Of Hybrid Pid Plus Fuzzy Controller For Speed Control
K.Satish Kumar	Of Induction Motor
B.Sai Kumar	Power Quality Improvement By Using DVR
V.S.Chandra Bose	
M.SivaSeshu Reddy	Optimal Capacitor Placement Analysis Using Ant Colony
N.Gowri Shankar	Optimization

The following students published papers in Contemporary Challenges in Engineering and Management 2015, in proceedings in an International Conference held at ARM College of Engineering and Technology Chennai, Tamilnadu India.

Author(s)	Contribution
T. S.Prasanthi	A STATCOM-Control Scheme for Grid Connected Wind
Y.Vijaya Lakshmi	Energy for Power Quality Improvement
V.Karthick	Implementation of Three Phase to Three Phase Cycloconverter
CH.G.V.M.K.Reddy	By Using MATLAB/Simulink
CH.Sasidhar	Power Quality Improvement in Conventional Electronic Load
E.Mohan Krishna	Controller for Isolated Power Generation
B.P.Rama Krishna	Speed and Direction control of DC Motor Using AT89C51
A.L.Manidhar	

Awards & Rewards:

K.Pradeep Kumar, IV B.Tech has been awarded "Michael Faraday Academic Excellence award" in the proceeding of IET (UK) Chennai Local Network YP Award Ceremony, April, 2015.

Extra Curricular Activities:

- U.Padmarao and B.Saikumar got the first prize for short film competition in EEE FEST held at GVIT College, Vempa, Bhimavaram
- K.Sai Satyanarayana, K.Naresh and N.Phanindra Swamy got the first prize for short film competition in CSE FEST at GVIT College, Vempa, Bhimavaram.

STUDENT'S VOICE:

I feel proud to be a student of EEE department. All the faculty members and lab technicians of my department are well experienced and helped me in all aspects. All the laboratories are well equipped with all instruments.



My barin is only a receiver in the universe there is core from which we obtain Knowledge, strength and inspiration.
"Nikola Tesla"

DEPARTMENT OF INFORMATION TECHNOLOGY

VISION

To develop the student as software professionals having good logical thinking and analytical ability require the present trends in computing through adapting new technologies.

MISSION

- ❖ To lay to strong foundation of programming knowledge by concentrating on fundamental concepts of computer science and engineering.
- ❖ To develop flair for logical thinking and innovative methods to write algorithms for complex problems.
- ❖ To strength and expand collaboration and partnership with industry and other organizations.
- ❖ To serve the society through innovation for modern living.

NEW TRENDS



Virtual Reality (VR) is the use of computer technology to create a simulated environment. Unlike traditional user interfaces, VR places the user inside an experience. Instead of viewing a screen in front of them, users are immersed and able to interact with 3D worlds. By simulating as many senses as possible, such as vision, hearing, touch, even smell, the computer is transformed into a gatekeeper to this artificial world. The only limits to near-real VR experiences are the availability of content and cheap computing power in Augmented a camera. In Virtual Reality, the computer uses similar sensors and math. However, rather than locating a real camera within a physical environment, the position of the user's eyes are located within the simulated environment. If the user's head turns, the graphics react accordingly. Rather than compositing virtual objects and a real scene, VR technology creates a convincing, interactive world for the user.

PROJECTS OF THE DEPARTMENT

- Green Droid Automated Diagnosis of Energy Inefficiency for Smartphone Applications.
- Natural calamity of assessment department of signature
- Information Flow Control for Secure Cloud Computing.

STUDENTS FOCUS

The following students are the toppers in IV B.Tech II Semester.



K.Akshita	V.Ramsita	Y.S.Mounika	S.Samithasetti	M.S.S.Lakshmi
11A21A1220	11A21A1244	11A21A1249	11A21A1255	11A21A1225
77.17 %	77.17%	77.17%	77.33%	79.17

Workshops Conducted

- Ethical hacking workshop by Mr.Saisatish from JNTUK.
- Android App Designing by Dr.M.N.Rao and Mr.G.K.Prasad
- Android Restlets Services by Mr. Gangadhar, GIT Solutions, Vizag.

Training and Certification Programmes

- Oracle Certification
- Microsoft Office Specialist
- Microsoft Technical Assistant

Placements

Twenty - students of IV B.Tech got selected in various MNC companies like Polaris, Atos, Open Text, Virtusa, NTT DATA and Hidden Brains, Infotech Pvt. Ltd.

Student Feedback



Our college provides not only a high quality education; but also it implements student centered teaching learning process to the students apart from academics, our college provides opportunities to develop communication skills (soft skills) by conducting CFBT classes and Alecs Club activities (Activity Based Language Evolution For Communication Skills) which help us a lot to improve our skills.
K.Trilochan, IV B.Tech

TRAINING & PLACEMENT CELL

The Training & Placement Cell of Swarnandhra is a prestigious cell. A team of hardworking and talented executives work in tandem with the different departments of the college and the industry to bridge the gap between the academia and the professional world and ensuring the students to prepare well before stepping into the job arena. Training Cell is playing a significant role by offering adequate training in Soft skills, Life skills and Communication skills. Certified trainers from reputed organizations impart knowledge to the students of B.Tech., M.B.A., and M.C.A. about the corporate world and help them to withstand in this competitive corporate world.

Faculty Achievement :

Publication : Smt. Kalavathi Tiwari, Asst.Prof. of English, has published a paper entitled "Measuring the effect of Task-Based Language Teaching on Oral skills of the Students of Engineering College at a Rural Place in A.P.- A Case Study" in an International journal of English Language & Literature, IJELL, Volume: 2.8, Jan- March, 2015.

Important Activities in the Department;

- " Training in Soft skills, Aptitude and Communication Skills.
- " II, III, and IV B.Tech. Students were registered for Btechguru.
- " Globalina - Communication Skills for I B.Tech.
- " Corporate Learning (CRT), a program for II B.Tech.students - 02-02-2015
- " Jawahar Knowledge Centre(JKC) - Autocad Certification course for III B.Tech. - 26-01-2015
- " Career Counselling by Reference Globe for IV B.Tech.(2011-15 batch) - 06-02-2015
- " Oracle Academy Analytics for IV B.Tech., CSE - 21-01-2015
- " Unlock YourMind - a program for IV B.Tech.IET students - 06-01-2015
- " CRT Program for IV B.Tech.(2012-16 batch) - 08-06-2015 to 28-06-2015

Forthcoming Event

Verbal & Reasoning classes for IV B.Tech. students
Placements: The Cell ensures that all our students are placed in reputed companies - both software & core, with handsome packages. The Placement cell along with the Training Department organize sessions and workshops with industry experts that help the students to get an insight into the demands and needs of the market.

Never give up. Today is hard, tomorrow will be worse, but the day after tomorrow will be sunshine. Alibaba's Jack Ma

VISION

To foster prosperity through technological development by means of education, innovation and collaborative research

MISSION

- ❖ To improve the departments infrastructure to facilitate research productivity and success.
- ❖ To integrate teaching and research for preservation and effective application of knowledge and skills.
- ❖ To strengthen and expand collaboration and partnerships with industry and other organizations.
- ❖ To provide consultancy to the neighborhood and inculcate a spirit of entrepreneurship.
- ❖ To serve society through innovation and excellence in teaching and research.

New Trends in Mechanical Engineering:

3D SCANNER: It is used to create 3D animation and special effects.



A 3D scanner is a device that analyses a real world object or environment to collect data on its shape and possibly its appearance (e.g. colour). The collected data can then be used to construct digital three-dimensional models. Many different technologies can be used to build this 3D scanning devices ;each technology comes with its own limitations, advantages and costs. Many limitations in the kind of objects that can be digitised are still present .

Applications: optical technologies encounter many difficulties with shiny, mirroring or transparent objects. For example, industrial computed tomography scanning can be used to construct digital 3D models, applying non destructive testing.

Students' Focus :

The following students are academic toppers in University end examinations.

IV B.TECH



T.Vani
88.33%

III B.TECH



D.S.Vardhan
84.66%

II B.TECH



A. Krishna kumar
83.33%



K.Hanuman Sai
87.83%



CH.NaveenAditya
87.83%



P. kruparaviteja
80.93%



A.PV.Narasimha
82.79%

Faculty Publications:

1. Dr. A. Gopichand, Professor & R. Samsukumar, Asso. Prof. published a paper entitled " Design and Fabrication of Water Refrigeration System by Creating Vacuum" in IJIRSET, Volume : 4, Issue- 4, April, 2015.
2. Mr. B. Srinivas, Assoc. Prof. & Mr. R Sam Sukumar, AssoProf published a paper entitled "Evaluation of CI Engine Performance and Emission Strategies by Heat Recovery Techniques" in an international Journal of Engineering Research &Technology (IJERT) Vol: 4, Issue -5, ISSN: 2278-0181, May,2015.
3. Mr. R.Samsukumar, Assoc. prof. published a paper entitled "Performance and Emission Analysis on C.I Engine with Palm Oil Biodiesel Blends at Different Fuel Injection Pressures" in an international Journal of Innovative Research in Science Engineering and Technology, ISON 3297: 2007 ,Vol. : 4, Issue - 4, April, 2015.

Placements:

Fifty - six students of IV Mechanical got selected in various companies.

Important events in the department:

1. A work shop on Non - Destructive Testing (NDT) was conducted in the department on 27th April, 2015.



Students AT THE WORK SHOP

Best Projects of the Department:

1. Advanced Automatic Fire Control System In Train Accidents.
2. Design and Fabrication of Water Refrigeration System By Creating Vacuum.
3. Performance and Emission Analysis On C.I Engine With Palm Oil Biodiesel Blends At Different Fuel Injection Pressures.
4. Structural Analysis and Fabrication of Vertical Pipe Core Sandwich Structure For Platforms.
5. Structural And Thermal Analysis of Friction.

Extra - Curricular Activities:

Mechanical students of III & IV B.Tech participated in various events such as volley-ball, shuttle, badminton & kabadi at zonal level competitions held at Aditya Engg. College Surampalem in March, 2015. D. Harsha Vardhan the student of of III B.Tech. participated & won the first prize in a National Level Karate Tournament held at Eluru on 23rd & 24th Sep, 2015.

Forth Coming events:

- Work shop on 3D printing & National level Technoscet-2K15.

Student's Voice:

I feel proud of my faculty and grateful to them as they guided me in all aspects of development.
- AJAY IV B.Tech



A common Scientific joke expressing the laws of thermodynamics- Zeroth law: There is a Game; First Law : You can't win, Second law: You must loose; Third law: You can't quit.



NEW TRENDS IN CIVIL ENGINEERING

Contour Crafting technology Building printing is a new technology in civil engineering which completely depends on the computer-controlled crane or gantry to build edifices rapidly and efficiently with substantially less manual labor. Using quick-setting, concrete-like material, contour crafting forms of the house walls layer by layer until topped off by floors and ceilings set in place by the crane. The notional concept calls for the insertion of structural components, plumbing, wiring, utilities, and even consumer devices like audiovisual systems as the layers are built



In order to get the scale models to clients in a small amount of time, architects and architecture firms tend to rely on 3D printing. Using 3D printing, these firms can reduce lead times of production by 50 to 80 percent, producing scale models up to 60 percent lighter than the machined part while being sturdy. Thus, the designs and the models are only limited by a person's imagination.

The improvements on accuracy, speed and quality of materials in 3D printing technology have opened new doors for it to move beyond the use of 3-D printing in the modeling process and actually it is moved to manufacturing strategy.

STUDENTS' FOCUS

Academic Achievements:

The following students are the toppers in the University end exams in their respective classes



S.M.Snavakant	R.V.Saicharan	K.AdityaReddy	R.Deviprasad
III.B.TECH II SEM	III B.TECH II SEM	II.B.TECH II SEM	II.B.TECH II SEM
89.7%	83%	82.86%	80.76%

M.Kiran, G.Kesavaram the students of final year presented a paper in Vignan MAHOTSAV 2K15 held in Vignan University, Guntur during 29th & 30th January, 2015.



Students at Vignan University

- A.Deepika, K.Snehalatha the students of 3rd B.Tech presented a paper in VISHNU VALIANT 2K15 held at Vishnu Institute of Technology, BVM, during 27th & 28th Feb.

IMPORTANT EVENTS IN THE DEPARTMENT

- A one - day workshop was conducted on "Soil Analysis" on 26th March, 2015. Mr.A.C.S.V.Prasad Associate Prof. was the resource person for the program.



Students at the work shop

- A one - day seminar was organized in the department on "NEW TRENDS IN CIVIL ENGINEERING" on 19th January, 2015. Dr. M.V.G. Sarma was the resource person for the program.



Dr. M.V.G.S Sarma at the seminar

FORTH COMING EVENTS IN THE DEPARTMENT

- Guest lecture on New Trends in Civil Engineering Structures
- One day work shop on "Advanced Surveying, using TOTAL STATION"
- Add on Workshop on "PRIMAVERA "
- Add on Workshop on "Staadpro"

Student Voice:

I acknowledge that my knowledge has been enriched due to my association with our department. I feel proud to be a student of Civil Engineering at Swarnandhra College.

A. DEPIKA, III B.Tech.





SCHOOL OF MANAGEMENT STUDIES

School of Management Studies is proactive with its vision to produce globally competitive, wise, virtuous entrepreneurs and professional managers. In this regard, MBA department is incessantly conducting the programmes like group discussions, seminars, guest lectures, role plays, personality development and soft skills, case studies, industrial to excel its targets.

STUDENTS' ACHIEVEMENTS

The following students are academic toppers in their respective classes



2013-15 Batch (3rd Sem)

1. Y Teja Priya Sree-79.%
2. Y Naresh 77.7%



2014-16Batch(1st sem) [AUTONOMOUS]

1. P.Monisha 9.6 CGPA
2. K.Barathi 8.77 CGPA

PLACEMENTS

The college provided 100% placements to the MBA students. The following students got selected in the recent placement drives.

KEELINE:

1. I.Rajesh
2. R.Satyanarayana
3. D.Kalyan Babu
4. A N S M Sandeep
5. K.Suresh
6. K Rajendra

TECH-MAHINDRA[Chennai]:

1. R Satyanarayana
2. T Gayatri

Khun Hyundai:

1. K.Suresh
2. D.Kalyan Babu
3. R Satyanarayana

AMAZON:

1. M Nitya Sri Lakshmi
2. T Gayatri

Blue Whale[Chennai]:

1. CH Gandhi
2. I Rajesh

NISSAN[HYD]:

1. P Trinadh
2. O Jyoshna

JAIN HOUSING:

1. G Sindhuja

T. Rajendra Kumar

has been appointed as HOD of MBA Department on 18th June, 2015.



FACULTY ACHIEVEMENTS

*Dr.S.Ramesh Babu Secretary & Correspondent, Dr. V.Swaminadhnam, and Dr. B.V.R.Naidu presented a paper entitled "Entrepreneurial Attitude: An Empirical Study on Graduating Students of Rural Professional Colleges in Central Coastal Districts of Andhra Pradesh" and it was published in a Book entitled "Next Generation Education for Entrepreneurial Engineers," published by Bonfring, Coimbatore, ISBN-978-93-84743-53-6.

*Dr.B.V.R.Naidu Professor, Mrs. O.V.A.M.Sridevi Asst. Professor and Mrs.M V Prasanthi Asst. Professor presented a paper entitled "Entrepreneurship and the Empowerment of Rural Women in India" in a UGC Sponsored Two days National Seminar organized by S K S D Mahila Kalasala, Tanuku, on 30th April, 2015.



*Dr.B.V.R.Naidu, Professor Participated as a Judge for various events of MBA in the National Level Technical and Cultural Meet "GECFEST-15," organized by Gudlavalleru Engineering College during 19th -21st February, 2015.

*Dr.B.V.R.Naidu, Professor Participated as a Judge for various events of MBA in the National Level Technical Meet organized by Sri Vasavi Engineering College, Tadepalligudem, during 19th -21st February, 2015.



*Dr.B.V.R.Naidu, Professor participated as a Chairman for 1st Technical Session in an AICTE sponsored Two days National Seminar on "Entrepreneurship Imperatives in India in the Globalised Environment" organized by SASI Institute of Technology and Engineering, TP Gudem during 12th & 13th June, 2015.

*Dr.B.V.R.Naidu, Professor, Mrs.M V Prasanthi, Asst. Professor and Mrs. V. Monica Persis presented a paper entitled "Women Social Entrepreneurs: Challenges, Problems and Prospects in India" in Two days National Seminar on Entrepreneurship Imperatives in India in the Globalised Environment" sponsored by AICTE and organized by SASI Institute of Technology and Engineering, TP Gudem during 12th & 13th June, 2015 and it has been published by Paramount Publishing House, New Delhi, ISBN No.978-93-84743-53-6.

*Dr.B.V.R.Naidu Professor, Mrs.O.V.A.M. Sridevi Asst. Professor presented a paper entitled "The Contemporary Scenario & Future Prospects of MSMEs" in Two days National Seminar on Entrepreneurship Imperatives in India in the Globalised Environment sponsored by AICTE organized by SASI Institute of Technology and Engineering, T P Gudem during 12th & 13th June, 2015 and it is published by Paramount Publishing House, New Delhi, ISBN No.978-93-84743-53-6.

*Mr M Manikya Rao, Asst. Prof. presented a paper entitled "Women Entrepreneurship in India," in Two days National Seminar on Entrepreneurship Imperatives in India in the Globalised Environment sponsored by AICTE organized by SASI Institute of Technology and Engineering, TP Gudem during 12th & 13th June, 2015 and it is published by Paramount Publishing House, New Delhi, ISBN No.978-93-84743-53-6.

WORKSHOPS AND GUEST LECTURES ORGANISED IN THE DEPARTMENT:

*Mr M Manikya Rao Asst. Professor, Mrs. V. Monica Persis Asst. Professor, Ms.K L Siresha Asst. Professor Attended a two day Faculty Empowerment Programme on 'Understanding Self and Developing an Integrative Learning Approach for Enhancing Professional Efficiency and Effectiveness' conducted by Prof.Ravi Jeelakarra and organized by Swarnandhra College of Engineering and Technology, Jan, 2015.

*A Six-day Workshop on 'SOFT SKILLS TRAINING PROGRAM' was organized during 22nd - 27th June, 2015. The resource persons are Mrs. BHARTHI, Mrs. RAMYA from HYD, and Mrs. CHITRA from VIZAG



Students at the workshop

1) A one day workshop on "Prospects of Insurance Sector in India" was organized on 24th FEB, 2015. The Resource Person for the program was Mr.G.Srinivas, Branch Manager, LIC attach India, Narsapur.



2) Alumni interacting and sharing their experiences with the present batch MBA students.

STUDENTS' ACHIEVEMENTS *

K Rajendra Prasad, I Rajesh, Y Naresh, P V V S Rao, E Surendhra, A Satish, the students of IV semester Participated in YAKSHA PRASHNA a NATIONAL Level Technical SYMPOSIUM Organised by SRI VASAVI ENGG college Tadepalligudem A.P.

*G. Murali Krishna, P Narasimha Rao, V R V M Surya Kumar, I Rama Krishna, D Kalyan Babu, CH Gandhi PMBA the students of IV semester participated in MAYA SABHA a NATIONAL Level Technical SYMPOSIUM Organised by SRI VASAVI ENGG college Tadepalligudem A.P.

The following students of IV semester participated in various events conducted in MEDHA MILAN at Shri Vishnu Engineering College for Women [AUTONOMOUS], Bhimavarum, A.P held on 6th & 7th, 2015.

R. Priyanka, Ch. V Madhavi and T. Gayathri had Participated in B-PLAN, M. Sita Ratnam and N. Mounica, participated in SHARE BAZAR, M. Nitya Sri Lakshmi and L. Parvathi Naga Sree participated in QUIZ, Y. Teja Priya Sree, A. Chaya Bharani, P. Rohini and D. Rekha participated in ARGO, M. Sravya and T. Darshitha participated in YOUNG TYLOOM S. Sindhuja and N. Jyothsna Sree participated in AD MAKING contest.

STUDENT'S VOICE

I Feel Proud to be a student of Swarnandhra. I am very grateful to the faculty, who guided me in all aspects. The Programs conducted to the students for really helped them to face the global competition. M. Sravya Final MBA



"Management's efficiency in climbing the ladder of success; Leadership determines hether the ladder is [lear] learning against the right wall" - STEPHEN R COVEY.



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

People with passion tend to be innovative...



RECENT TRENDS IN TECHNOLOGY:

AngularJS (commonly referred to as "Angular") is an open-source web application framework maintained by Google and by a community of individual developers and corporations to address many of the challenges encountered in developing single-page applications. It aims to simplify both the development and the testing of such applications by providing a framework for client-side model-view-controller (MVC) and model-view-viewmodel (MVVM) architectures, along with components commonly used in rich Internet applications.

The AngularJS library works by reading first the HTML page, which has embedded into it additional custom tag attributes. Angular interprets those attributes as directives to bind input or output parts of the page to a model that is represented by standard JavaScript variables. The values of those JavaScript variables can be manually set within the code, or retrieved from static or dynamic JSON resources.

Student Achievements:

R. Srinivas and K.J.S.Pavan, students of 3rd MCA won the first prize in TECHNO GRIL (Technical Quiz) of TECHEUPHORIA held at Sri Vasavi Engineering on 12th March, 2015., organized by College.

Placements:

- R. Hari Chandra, Prasad a student of final year was selected in Hidden Brains (P) Ltd
- P. Divya, a student of final year was selected in Tech -Mahindara .
- Y. Chandu Priya, a student of final year was selected in Liva It Services & Solutions

Best Projects of the Department:

As part of academia, III MCA students are busy in various project works under the guidance of department faculty and following are the best projects among them.

- A Novel Approach to Recognition of English Characters Using Artificial Neural Networks.

- Advanced Data Encryption and Decryption using Multi Codes for One Character.
- Self-Organizing Maps With a Single Neuron.
- A Novel Fuzzy Based Clustering Algorithm for Text Classification.

Students' Results:

The following students are academic toppers in University end examinations.

V Semester



K. Radha Revathi
12A21F0011
88.14%

S. Durga Bhavani
12A21F0032
81.14%

II Semester



S. Sri Durga Kumari
13A21F0019
82.14%

D. Srivalli
13A21F0002
81.14%

I Semester (Autonomous)



N. Rama Devi
14A21F0009
9.14 CGPA

M. Vasudha
14A21F0007
8.86 CGPA



N.S.L. Sailaja
14A21F0010
8.86 CGPA

R. Sailaja
14A21F0018
8.86 CGPA

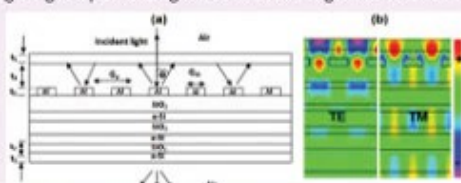
DEPARTMENT OF NANOTECHNOLOGY

(Advanced Research Laboratory for Nanomaterials & Devices)

Today, the cost reduction of silicon solar cells is a serious issue to scientific community. To address this issue, thin film technology has been employed and demonstrated the low cost silicon solar cells whereas such thin film silicon solar cells are having poor absorption in longer wavelength region due to indirect band gap of silicon material. To overcome this problem several design schemes have been reported in literatures such as textured grating, dielectric grating, metal nanoparticles or nanograting, alternate arrangement of metal/dielectric grating etc. These ideas are found to be effective because of scattering of the incident light and coupling it into the fundamental material.

Recently, application of metal nanostructures such as nanoparticles/nanograting in solar cells have found to be promising for light trapping due to plasmonic surface which yields efficient guiding and manipulation of photons through a mechanism of collective oscillating electrons at the surface of the metal nanostructures. Surface plasmon resonance can be induced between the propagation path of light and metal surface which can ultimately enhance the absorption of light to an optimal level. In simple words, surface plasmon is nothing than gathering of electrons at the surface of metal which makes a path of propagation along it and surface plasmonic energy is concentrated at the tip of metal nanoparticles/nanogratings. Due to this unique nature, surface plasmon resonance have found its application in solar cells which contribute to the enhancement of light absorption if the metal nanostructure is placed adjacent to active region of solar cell.

Currently, we are working on the design of ultrathin solar cells, a schematic design of crystalline silicon (c-Si) thin film solar cell with 40 nm absorbing layer is shown in figure 1 (a). It is comprised of an ARC layer, a DBR structure and metal grating structure. The aluminum (Al) gratings help to diffract the incident light at oblique angles whereas distributed Bragg reflector (DBR) resists the metal diffusion and sustain the mechanism of light trapping. The back reflector with the combination of DBR and metal grating is supposed to be an efficient light trapping structure which utilizes the longer wavelength light by enforcing those in active region of solar cell.



For simulation, finite difference time domain method (FDTD) was used by applying periodic boundary conditions in x and y-directions whereas in z-direction, perfectly matched layer boundary condition was performed. The solar cell was illuminated by plane wave under normal incidence from wavelength 400-1200 nm. Figure 1 (b) depicts electric field profile of designed solar cell for TE (at 741 nm) and TM (at 839 nm) polarizations. For the case of TE polarization, electric field is visible near the gratings however, localized field at the tip of metal gratings is visible for the case of TM polarization.

The designing parameters such as anti-reflection coating thickness, grating thickness, active layer thickness, grating period and duty cycle were optimized to design a solar cell structure with improved light absorption. Strong absorption peaks centered at 600 and 800 nm (TE case) whereas 741 and 841 nm (TM case) were observed. Remarkably, the absorption peaks were found to be shifted to infrared part and became wider for magnetic transverse case. The optimized solar cell of 40 nm active region could produce best performance with extraordinary enhancement in cell efficiency (~15 %) and current density (~23 mA/cm²). The proposed design efforts would be helpful to realize plasmonic solar cell structures and fabrication implementation by employing advanced technology tools.

During this semester, we have got sanctioned one major research project entitled "Synthesis and Characterization of Pure and Metal Doped TiO₂ Nanoparticles for Dye Sensitized Solar Cells" sponsored by UGC, New Delhi.

We have got five research papers published in AIP Advances, Springer Proceedings in Physics, Procedia of Materials Science and Materials Today Proceedings.

Mr. S. Saravanan, JRF presented a paper entitled "Materials Processing and Characterization" in the fourth international conference held at GRIET College-Hyderabad during March 14th & 15th, 2015.

Mr. Sarvan attended two days National Workshop on "Hands on Training in Synopsis's Rsoft Photonics Component Design Suite and RsoftOptSIM" held at VIT-Vellore during April 25th & 26th, 2015.

Mr. S. Saravanan presenting paper in ICMP-2015, GRIET, Hyderabad.

"I will not say I failed 1000 times, I will say that I discovered 1000 ways that can cause failure.- Thomas Alva Edison.

DEPARTMENT OF SCIENCE AND HUMANITIES

Faculty achievements

- K. RamanaRao, Asst. prof, has been awarded M.Phil. degree for his research work entitled 'Negative Images of India - A study of select short stories of Ruth PravarJhabvala from Madurai Kamraj University , Madurai'.
- Mr. N.P.S Acharyulu, Mr. K.Koteswararao participated in a National Seminar on "Empowerment of Youth" organized by the Dept. of Commerce and Business Administration held at P.B.Siddhartha College of Arts and Science in Vijayawada during 19th&20th March, 2015.

Publications

- Dr. V. Swaminadhan, the HOD of S&H, published a paper entitled "Synthesis and Anti-Bacterial Studies of Gold Nanoparticles from EcliptaProstrate. al (2015) " in an International Journal of Recent Innovation Trends in Computing and Communication (IJRITCC) (2015) Vol: 3, Issue: 2, pp :45-48, ISSN:2321-8169 (IF-5.08).
- Dr. S. Ramesh Babu, Dr. V. Swaminadhan, Dr. B. V. R. Naidu, and Dr. M. MuralidharaRao presented and published a paper entitled "Entrepreneurial Attitude : An Empirical study on Graduating Students of Rural Professional Colleges in Central Coastal districts of Andhra Pradesh" in the Proceedings of an International Conference on "Next Generation Education for Entrepreneurial Engineers"(ICNGE3), pp38-42, ISBN: 978-93-84743-53-6.
- Dr. V. Swaminathan, the HOD of S&H, Mr. N.P.S Acharyulu and U. Nagababusubmitted an abstract entitled "Synthesis Of Silver Nano Particles by Using Gigantic Swallow Wort" in a National conference on "Green Methodologies for Sustainable Future" held at K.L.University organized by the department of Chemistry during 13th&14th March, 2015
- Mrs .Zehrabi, Asst.prof. published a paper entitled " Linguistic Transformation in RohintonMistry's Works" in an international Journal Of Scientific Research , Volume : 4, issue - 1 Jan , 2015, ISSN No : 2277-81797. Journal DOI : 10.15373/22778179. www.the global journals.com
- Mrs .Zehrabi, Asst.prof. published a paper entitled " The Diaspora and Multiculturalism with Special Reference to RohintonMistry's Novel A Fine Balance" in an International Journal Of Scientific Research, special issue - 1, Jan , 2015, ISSN ; 2321 - 0818. www.Deccanjournals.com
- Mrs .Zehrabi, Asst.prof. presented a paper entitled "Literature by South Asian Diaspora with Special Reference to RohintonMistry's Works" in an international seminar held at Vignan university during 14th Feb, 2015
- Mrs. K.Ragini presented a paper entitled "A Glimpse of The Short Story in the 3rd Annual International Conference on Teaching English Language & Literary Challenges & Solutions organized by ELT in Tirupathiduring 24th&25th April, 2015.

Programmes

- The team of Globarena has conducted the placement training program 4M (4 M skills development programs are developed with the vision of shifting from local job readiness to 21st century global life readiness) for I B.Tech Autonomous batch during 24th& 25th March, 2015.



Students at Coringa Wild Life Sanctuary

ENVIRONMENTAL TOURS

- The students of IB.Tech(CSE& Mechanical branch) had been to Coringa Wildlife Sanctuary as a part of eco- tourism visit near kakinada, East Godavari district on 9th, 10th& 14th April, 2015.

The Following Students of First Autonomous Batch 2014-15 are Academic Toppers



14A21A0464
CGPA 9.50



14A21A04A5
CGPA 9.50



14A21A0464
CGPA 9.50



14A21A04A3
CGPA 9.38



14A21A04A1
CGPA 9.29



14A21A0494
CGPA 9.25



14A21A0557
CGPA 9.25



14A21A0564
CGPA 9.25



14A21A0499
CGPA 9.17



14A21A0462
CGPA 9.13



14A21A0454
CGPA 9.04



14A21A0482
CGPA 9.04



14A21A0495
CGPA 9.00



14A21A0554
CGPA 9.00



14A21A03A2
CGPA 9.00

"I will not say I failed 1000 times, I will say that I discovered 1000 ways that can cause failure.- Thomas Alva Edison.

CO-CURRICULAR & EXTRA CURRICULAR ACTIVITIES

Extra- Curricular Activities:

- K.Pradeep Kumar, student of EEE has been awarded "Michael Faraday Academic Excellence award" in the proceeding of IET (UK) Chennai Local Network YP Award Ceremony, April, 2015.
- U.Padmarao and B.Saikumar students of EEE got the first prize for short film competition in EEE FEST held at GVITCollege,Vempa ,Bhimavaram
- K.SaiSatyanarayana, K.Naresh and N.Phanindra Swamy students of EEE got the first prize for short film competition in CSE FEST at GVIT College,Vempa,Bhimavaram.
- Mechanical students of III & IV B.Tech participated in various events such as volley-ball, shuttle, badminton &kabadi in state zonal level competitions held at Aditya Engineering College , Surampalem March, 2015.
- D.HarshaVardhan the student of Mechanical participated & won the first prize in a National Level Karate Tournament held at Eluru on 23rd & 24th, Sept. 2015.

CO - CURRICULAR ACTIVITIES

- M.Kiran and G.Kesavaram the students of Civil Engineering presented a paper in Vignan MAHOTSAV 2K15 held in Vignan University, Guntur during 29th & 30th January, 2015.

- K.V.Girish&M.Venkatesh of ECE presented a paper entitled "Memristor" in a National seminar and won the first prize held at GrandhiVaralakshmi Institute of Technology on 21st February, 2015.
- K.V.Girish&M.Venkatesh of ECE presented a paper in a National seminar & got the third prize organized by K.L.University during 26th&27th February, 2015.
- K.Murari&K.AasishVarma of ECE participated in a paper presentation competition & secured the second prize held at S.R.K.R Engineering College during 27th& 28th Feb, 2015.
- N.Bhaskar&T.Vamsi Krishna of ECE participated in a National Paper presentation competition & won the third prize organized by S.R.K.R Engineering College held during 27th& 28th Feb, 2015.
- A.DeepthiSreeja a student of ECE presented a paper in a National Literature presentation competition & secured the second prize organized by Vishnu Engineering College for women during 6th& 7th March, 2015.

NSS ACTIVITIES

Awareness programme "Against Usage of Plastic Products". Free Eye - Camp and Dental Camp were conducted in the campus. A Rally was conducted on the eve of National Voters Day. Awareness programme on "The Usage of Indian Products" was conducted in Lakshmaneswaram.

PLACEMENT CELL

323 CANDIDATES WERE SELECTED IN THE FOLLOWING LIST OF COMPANIES DURING JAN TO JUNE-2015



"The whole of Science is nothing more than a refinement of everyday thinking." - Albert Einstein.

If Undelivered Please Return to :

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EXTRA-CURRICULAR ACTIVITIES AND SOCIAL ACTIVITIES



Dr. Ramesh Babu launched an awareness programme on the usage of Indian products



Inauguration of NSS Mega campaign in Lakshamaneswaram



Haridasu in Sankranti Sambaralu



A rally by NSS unit about 'Voter awareness' programme



Free eye camp to the staff in the campus



Blood grouping activity by NSS Volunteers



Free Dental camp to the staff in the campus



NSS Volunteers in Dental camp at Lakshamaneswaram



students in Swacha Bharat in Lashamaneswaram during NSS Mega Camp



students in Swacha Bharat in Lashamaneswaram during NSS Mega Camp



Students At awareness Programme Against the usage of Plastic Products



Bommala koluva in Sankranti Sambaralu