



SWARNAKSHARA

A Newsletter of

SWARNANDHRA COLLEGE OF ENGINEERING & TECHNOLOGY

(AUTONOMOUS)



ESTD. 2001

• 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,

Seetharamapuram, NARSAPUR-534 280, West Godavari Dist., A.P.

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Alumni Meet was held on 15th May 2016 at Country Club, Begumpet, Hyderabad

Editorial

Dear Readers,

Swarnandhra College of Engineering and Technology strives to provide quality education emphasizing core academic content. Choice Based Credit System (CBCS) from academic year 2016-17 is implemented as it enables students to take courses of their choice, to learn at their own pace, undergo additional courses and adopt interdisciplinary approach learning. Board of studies meetings of various departments were held in the month of June 2016. The course structure was finalized for autonomous batch students, who got admitted in 2016. The finalized syllabi of various departments and CBCS Regulations (R16) were approved in the Academic Council Meeting, which was held on 25th June, 2016.

Achievers are unique people with determination, passion, hope, positive bent of mind which made them stand out of the crowd. Swarnandhra proved that achievers are not born with these qualities, but the guidance from the teachers and from inspiring personalities made them apart from others. Swarnandhra celebrated achievers day on 31st March 2016 for their outstanding achievement and to inspire others. All the students who got selected in various companies were appreciated and applauded on that day.

To encourage the creative ideas of the emerging engineers, to evaluate and reward the talent of young technocrats Swarnandhra organized Project Expo in the various departments in the campus on 2nd April, 2016.

Entrepreneurship is a key of our economy. A one day workshop on "Why Entrepreneurship" was organized in the campus in association with Vizag Information Technology Association (VITA) on 7th Jan 2016. A two day workshop on EAP was also conducted on 18th & 19th Feb, 2016 in association with CED, and NSTEDS. Parents Meet was conducted for all the B.Tech., students in the campus on 28th Feb, 2016. Around five hundred parents attended the meet.

It is found that the most of the students are lagging behind in communication skills and life skills. To

enhance their skills various clubs are initiated in the campus such as, Energy Club, Nature Club, Painting & Photography Club and Vivekananda Study Circle Club. Energy Club was inaugurated in EEE dept., by Hudson Edberg from Canada and L. Ramesh from MGR University, Chennai on 13th June, 2016.

Besides imparting quality technical education to the students the management of SCET has its own place in turning its students as ideal citizens. Our management strives to turn its students sensible by celebrating and organising different events in the campus such as World Water Day and International Women's Day etc.

As a part of NSS activity, NSS unit of our college organized a special camp for one week (i.e. 13th -19th March 2016) on "Healthy Youth for Healthy India" at Yerramsettivari Palem, Narsapur. Activities such as Blood grouping, Dental camp, Awareness programme against usage of plastic, Mass plantation, Eye camp, Awareness programme on usage of Indian products, Wearing Helmets and Swatch Bharat were conducted in the village. Various competitions such as rangoli, elocution, essay writing, etc., were also conducted for school children.

As a part of social responsibility the management of our college conducted a programme Ms. Godavari in the campus to integrate the ideas of young girls, sponsored by NEWS6 channel on 6th & 7th Jan 2016.

College days are glorious days to every student. Everyone wants to cherish one's wonderful experiences, naughty things and sweet and memorable college days. Every student wishes to meet all his/her mates and faculty members. SCET created a platform to all the Alumni of SCET by organizing Alumni meet at Country Club, Hyderabad on 15th May 2016.

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

PRINCIPAL'S DESK:

I am extremely happy in releasing the half-yearly newsletter "SWARNAKSHRA", highlighting the activities of the college between January 2016 and June 2016, volume -7 issue 2. This is going to be an ongoing process portraying the various academic as well as non academic activities of the campus.

Education plays a very vital role in our lives. Good education not only serves us individually but also helps us building an ideal future with equal opportunities for living. To ensure quality education, Accreditation processes have already highlighted the outcome-based learning. When it comes to education, we seldom restrict to prevailing pedagogy-centric format both in terms of content and deliverance thus completely ignoring the choices which are so indispensable in our lives. Every day is unique because of these choices. I feel it's mandatory to us to come out of our shells and follow a more pragmatic and outcome-based approach towards learning. Besides this, we must shift our gears from the teacher-centric to a learner-centric framework. We must acknowledge learners choices as if what they want to learn, where they want to learn and when they want to learn. Such a system makes us think of choices exclusively from the perspective of learners. This new system will propagate new roles for teachers. One major decision was taken for implementation of CBCS system. Hence SCET implemented Choice Based Credit System (CBCS) for the students admitted from the academic year 2016-2017.

We conducted the Academic Council and Board of Studies (BOS) meetings for the departments during the month of June 2016 for discussing and finalizing the courses and syllabi for the UG and PG programmes. Board of studies (BOS) meetings were held to incorporate CBCS the changes in the scheme like adding the new electives and updating the content of the subjects as per the feedback received from experts from industry, Academia and Alumni.

I expect dedicated participation from the teachers, students as well as from all other stakeholders in their work. It does not matter how many times you get knocked down but it is important how many times you get up (Vince Lombard). I congratulate all the editorial members for releasing this newsletter.

Signing off with a quotation "Live as if you were to die tomorrow, Learn as if you were to live forever"

Dr.M. Sreenivasa Kumar

Principal

CO-CURRICULAR & EXTRA CURRICULAR ACTIVITIES

- P.M.A. Sumathi, IISem B.Tech., student from IT branch (Regd. No. 15A21A1230) participated in "Night Vision Technology of Nipuna" a National Level Management Symposium on International and Management Skills conducted by ISTE Students Chapter (AP-10), on Feb 19th & 20th, 2016.
- Kanumuri Vijaya Lakshmi, II Sem B.Tech., student from IT branch (Regd. 15A21A1216) participated in Zeitgeist 2K16 conducted on 20th & 21st Feb, 2016 at JNTU-Kakinada
- A.V. Krishna Priya (15A21A0505) and A. Jyoshna Mani (15A21A0503) B.Tech II Sem CSE students participated in a paper presentation Valiant 2016, a National Level Student Technical Symposium organized by Vishnu Institute of Technology, Bhimavaram on 28th & 29th Feb, 2016.
- T.Sai Bhagavan, T.Ram Surya and T.Lakshman Surya the students of 3rd B. Tech., from Civil Participated in the workshop on "Advanced Surveying Using Total Station in STEPCONE 2K16 held on 8th-10th January 2016.
- The Students of II & III B.Tech from CSE attended a workshop on "Android and Big Data" and also presented various papers at ZEITGEIST-2k16, in GMR and Rajam.
- A.Neeharika (13/504) the student of CSE got second prize in elocution competition on "Role of Women in Society" held in SCET on account of Women's Day celebrations and attended a one day Virtual Workshop on " Web Development from Internshala VTC" on 28th May 2016
- D.Avinash, D.Durga Prasad, S.S.B.V.Sandeep, Ch.Jeevan Naga Basava Shiva, S.Sai Krishna and Ch.Mounika Durga the students of 3rd ECE were selected in Microsoft Word competition conducted by Microsoft in Hyderabad on 22nd March, 2016.
- D.Bhavani and K.L.KrishnaDatta the students of 2nd B.Tech., from ECE attended a National level Paper presentation (Horizon-2K16) at B.V.C. Institute of Technology & Sciences, on 4th & 5th Feb 2016.
- Students of 2nd B. Tech., from EEE department participated in the programme on "Energy Audit" organized by Dr. L. Ramesh in Chennai on 3rd March, 2016.
- P.Monisha and A.Satti Babu MBA students participated and got the 3rd prize in K L University Entrepreneurship Competition on Samyak-2016, on 25th & 26th Feb, 2016.
- P.Manikanta and K.Nagaraju the students of MBA participated in Business Quiz competition and got the First prize in Vishnu College Management meet on 28th & 29th Feb, 2016
- A.Sivaji an MBA students got the second prize in Business Quiz competition at B.V.C College held on 3rd to 5th March, 2016.
- A Siva Prakash and P Adinarayana Murty, students of MBA participated in a paper presentation at Gudlavalleru Engg College and got the second prizes on 11th Feb, 2016

Swarnakshara - Newsletter **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

Vision

To empower the students of computer science and Engineering Department to be technologically adept, innovative, self-motivated and responsible global citizen, possessing human values and contribute significantly towards high quality technical education to ever changing world.

Mission

- ❖ To lay a 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 strengthen and expand collaboration and partnership with industry and other organizations.
- ❖ To produce best quality computer science professionals by imparting quality training on industry oriented programs.

New Trends: Intelligent Computing



The ability of a computer system or network to take its own decisions is called as intelligent computing or Artificial Intelligence. The computer creates and operates applications, as per need without any human interventions. Intelligent computing beefs up security and reliability of networks and systems.

Faculty Focus

Papers Presented

- ❖ Dr. Jagan Mohan R.N.V published a paper entitled "Angle Oriented Based Image Analysis Using L-Axial Semi-Circular Model" in Asian Journal of Mathematics and Computer Research. Vol: 10, Issue: 4, Page No: 320- 331, ISSN No. : 2395-4205 (Print), 2395-4213 (Online), March 2016.
- ❖ Mr.N.Tulasi Raju, Asst.Prof., published a paper entitled "Privacy Maintenance and Accuracy Constrained Access Control Mechanism" in an International Journal & Magazine of Engineering, Technology, Management and Research, ISSN No: 2348-4845 (Print), Volume: 2, Issue:12, Jan 2016.
- ❖ Mr.Godi Sudhakar, Assoc. Prof., attended a three day workshop on "Information and Cyber Security" jointly organized by Indian School of Mines, Dhanbad & C-DAC, Kolkata from 28th to 30th Jan, 2016
- ❖ Dr. Jagan Mohan R.N.V, attended a two day Faculty Development Programme on "Big Image Data Processing on Hadoop Framework" at Pragati Engineering College on 19th & 20th March, 2016.
- ❖ Dr. Jagan Mohan R.N.V, acted as a Judge for PROJECT EXPO-2K16 Project Exhibition Competitions at Swarnandhra College of Engineering and Technology, on 2nd April, 2016.
- ❖ Mr.S.Uma Maheswara Rao, Asst.Prof., attended a one day workshop on "Why Entrepreneurship" conducted by Vizag Information Technology Association at Swarnandhra College of Engineering and Technology, Seethampuram, on 7th Jan 2106.
- ❖ Ms.K.Devi Prasanna, Asst.Prof., and Mr.Dileep Kumar Kadali, Asst.Prof., attended Faculty Enablement Program on "Best Practices in Python Programming and RDBMS" conducted by Infosys Limited (Infosys Campus Connect) at G.Narayamma Institute of Technology and Science from 8th - 13th February, 2016.

Best Projects handled during the academic year

- VULHUNTER: Toward Discovering Vulnerabilities in Android Applications.
- Time and Energy Aware computation off loading in hand held Devices to co-processors and clouds.
- Secure Data Retrieval for De-centralized Disruption Tolerant Military Network.

Students' Focus

- Students of III & II B.Tech attended workshop on "Android and Big Data" and also presented various papers at ZEITGEIST-2k16, on 20th & 21st Feb 2016.
- A.Neeharika (13/504) got second prize in elocution competition on "Role of Women in Society" held in SCET on account of Women's Day celebrations and attended a one day Virtual Workshop on Web Development from Internshala VTC on May 28th 2016.
- Final year students got selected for the final round in "CODECLASH: Coding between Titans on C and Java".

Department Activities

Training Programmes Conducted

S.no	Event / Resource Person	Date
1	One week hands-on-workshop on Core Java by Mr.Shyam , a resource person from Chennai	15 th - 19 th Feb, 2016
2	A 3day hands-on-workshop on Android by Ms. Harshita Pathak, from Cisco Bangalore through IET (UK) , SCET student chapter	20 th -22 nd Feb, 2016
3	Project expo	2 nd April, 2016
4	Transcend soft skill training program to IV Sem students	16 th , 17 th March, 2016
5	Guest lecture on IT industry and its trends by A.Venkatesh to IV Sem students	19 th April, 2016



SCET Alumni Meet - on 15th May 2016 at Country Club, Begumpet, Hyderabad.



Students at Microsoft Office Championship in Delhi

Placements

Ninety three students of IV B.Tech., got selected in various MNC companies like Infosys, NTT DATA, Polaris, Sigma, Retail on, Virtusa, and Hidden Brains Infotech Pvt. Limited.

The following students are the toppers in their respective classes.

B Priyanthi 15A21B0508 I Sem 9.38 SGPA	K Haripriya 15A21B0519 I Sem 9.38 SGPA	BKM Lakshmi 14A21A0557 I Sem 8.96 SGPA	KLD Prasanna 13A21A0544 III/I B.Tech 84.13%	RVN Sirisha 12A21A0588 IV/I B.Tech 79.09%

Alumni Voice



I feel proud to be a student of Swarnandhra. This college supports me in all possible ways to build my personality that is required in today's industry. The student-teacher ratio is good. I strongly believe that SCET is the reason for what I am today.
Sri Satya Krishna Veera Technical Manager,
Managed Cloud Oracle, Hyderabad. Batch 2010-2014.

Student's Voice



I feel extremely happy and proud to be a part of CSE department as the efforts of our faculty, R&D cell helped me to strengthen myself technically sound which helped me to build my career.
K.Sai Saraswathi,
12A21A0547, Final year student.

"It can be argued that the computer is humanity's attempt to replicate the human brain. This is perhaps an unattainable goal. However, unattainable goals often lead to outstanding accomplishment." **Zubair Saleem Fazal**



Vision:

To impart futuristic technical education in Electronics and Communications Engineering and instil high patterns of discipline by knowledge generating to meet the global standards, making out students technologically superior and ethically strong, who in turn shall improve the quality of life leading to overall professional success.

Mission:

The mission of ECE department is

- Augmenting knowledge and technologies in rapidly advancing fields of Electronics and Communication Engineering.
- Transforming students in to full-fledged professionals and to become leaders in dynamic global environment.
- Promoting in depth research and create centre of excellence in thrust areas.

Modern Trends in Technology:

PSLV-C33/IRNSS-1G



PICTORIAL VIEW OF ISRO'S PSLV-C33/IRNSS-1G

Launchers or Launch Vehicles are used to carry spacecraft to space. India has two operational launchers Polar Satellite Launch Vehicle (PSLV) and Geosynchronous Satellite Launch Vehicle (GSLV). The Polar Satellite Launch Vehicle, in its thirty-fifth flight (PSLV-C33), launches IRNSS-1G, the seventh satellite of the Indian Regional Navigation Satellite System (IRNSS) into a Sub-Geosynchronous Transfer Orbit (Sub-GTO). The launch took place from the First Launch Pad (FLP) of Satish Dhawan Space Centre (SDSC) SHAR, Sriharikota on April 28, 2016. As in the previous six launches of IRNSS satellites, PSLV-C33 uses 'XL' version. The 'XL' configuration of PSLV is used for the thirteenth time. Besides launching six IRNSS satellites, PSLV-XL has also launched many other spacecraft including India's Mars Orbiter spacecraft, the multi-wavelength observatory ASTROSAT, Radar Imaging satellite RISAT-1 and the Communication satellite GSAT-12. This apart, PSLV-XL has successfully placed five satellites from United Kingdom into orbit in a single commercial mission. This is the thirty-fourth consecutively successful mission of PSLV, repeatedly proving its reliability and versatility.

Applications: Earth observation, Satellite communications, Disaster Management support, Satellite Navigation, Climate and Environment.

Faculty 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 D.Sekhar published a paper entitled "Implementation of New Architecture for a Low Complexity Programmable FIR Filter Based on Extended Double Base Number Systems 16-Bit High Speed Redundant BCD coded Radix-10 Multiplier" in an International Journal and Magazine of Engineering, Technology, Management and Research (IJMETMR) Vol:2, Issue:10, Jan 2016.
- G.Vijaya Raj and Sk.Anwar attended a workshop on Matlab and Simulink for Engineering Education conducted by Math Works India at Vijayawada on 5th Feb 2016.

Students Focus:

Students Placements:

One hundred & Twenty Four students of ECE got selected in various companies, such as Infosys, TCS, Polaris, All on line Tele Services, GSS Infotech, Sutherland Global Services, M/S Vee Technologies, Tech Mahindra Ltd., ICICI Bank, M/S Intelnet Global Services Pvt.Ltd, Honda Dealer, Hyundai Dealer, M/S Biz IT Solutions Pvt Ltd. and Unitech Transfer (Germany).

Department Activities:

- PROJECT EXPO 2K16 was organized in the Department.
- Incubator Centre was inaugurated in the Department.
- ECE Association was inaugurated in the Department by Principal Dr.M.Srinivasa Kumar.
- Parents and teachers meet was conducted department wise in the College.



Inauguration of PROJECT EXPO 2K16 by Secretary & Correspondent Dr.S.Ramesh Babu.

Principal & Vice-Principal in prize distribution event in valedictory function of PROJECT EXPO 2K16.



Dr. S.Ramesh Babu Secretary & Correspondent, Principals, HODs & Students at Alumni Meet

Academic achievements of students:

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



J. Srisandya
1st B.Tech. I-Sem
secured 9.25 SGPA



T. Venkata Teja Sri
of IIIrd B.Tech. I-Sem Secured
9.35 SGPA



K. Reshma of
IIIrd B.Tech. I-Sem
secured 87.39%.



Ch. L.S. Sushma of
IVth B.Tech. I-Sem
secured 82.13%.

- D. Avinash, D. Durga Prasad, S.S.B.V. Sandeep, Ch. Jeevan Naga Basava Shiva, S.Sai Krishna and Ch. Mounika Durga the students of 3rd ECE are selected in Microsoft Word competition conducted by Microsoft in Hyderabad on 22nd March, 2016.
- D. Bhavani and K.L. Krishna Datta the students of 2nd B.Tech., attended a National level Paper presentation (Horizon-2K16) at B.V.C. Institute of Technology & Sciences, on 4th & 5th Feb 2016.
- Kollepara Bhardwaj the student of 3rd B.Tech, II-Sem was selected in the Unitech Transfer (Germany Company) with highest package 22Lac per Annum.

Alumni Voice:

I am very thankful to the management of Swarnandhra College of Engineering and Technology & its faculty for guiding me and moulding me to work for a prestigious company, Polaris Consulting Services, Hyderabad. A.S.P. Virinchi, Software Engineer, Hyderabad Batch 2011-15



Student's Voice:



The department cherishes the thoughts of students and strives to make them real. 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 feel proud to be an ECE Student of Swarnandhra.

S. Sneha, IV- B.Tech (ECE-A),
Reg. No: 12A21A04E0

"Without your involvement you can't succeed with your involvement you can't fail"

By A.P.J. Abdul Kalam

Vision:

To be a leader in developing creative and entrepreneurial engineers and there by leading the development in Electrical Engineering & Technology of our state and our country

Mission:

- ❖ Promoting graduates to discover, disseminate, apply knowledge related to the broad aspects of Electrical Engineering through innovative pedagogic methods centered on Learning-to-Learn (L2L) principles.
- ❖ Providing graduates to develop their skills and knowledge after graduation by adopting advanced technology.
- ❖ Equipping our students to adapt themselves to global needs while upholding professional ethics and to contribute their might in transforming India into a world leader.
- ❖ To be a Center of Excellence in preparing the students in developing research, entrepreneurial and employability capabilities

New Trends In Technology

Wireless Energy Transmitter:

The wireless energy transmitter helps to recharge laptops, cellphones and other small devices without coming in actual physical contact of these devices. The installation of only one such device would enough to supply power to almost all the laptops and cellphones. It turns the surrounding devices a non-radioactive electromagnetic field instead of transmitting electromagnetic waves.



Faculty Focus:

- Moorthy,V Assoc. Prof., presented & published a paper entitled "Standalone DFIG Based Wind Power System with High Energy Density Hybrid Storage System", in 3rd National Conference on Electric Power & Power Electronics Control (NCEPPCS) pp.17-22, held in Chennai, May 2016.
- Moorthy,V Assoc. Prof., presented & published a paper entitled "Analysis of Optimal Conductor Selection for Radial Distribution Systems using DPSO" in Proc. 3rd International Conference on Electrical Energy Systems (ICEES2016), pp.104-109, held in Chennai, March 2016.
- Moorthy,V Assoc. Prof., presented and published a paper on "Analysis of Optimal Capacitor Placement in Radial Distribution System Using DPSO" in Proc. International Conference on Recent Trends in Engineering and Material Sciences, Jaipur, India, Vol:1, pp. 301, March 2016.
- Mr. J Rama Chandra Rao and Mr. M.Sarath attended Faculty Development Program on Smart Grid and Renewable Energy Sources on 7th and 8th March, 2016.
- A.V.D. Suresh Kumar Asst .Prof., 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 [IJTES]TM Vol: 3, issue: 1, pp: 2834-2838, ISSN: 2320-8007 2834, Jan 2016.

Robotic Workshop

A two day workshop on "ROBOTICS" was organized by department of EEE on 14th and 15th March, 2016 in association with IET (UK) SCET Student Chapter and IET (UK) YPS Chennai Local Network in Swarnandhra College of Engineering, Narsapur A.P.



Secretary & Correspondent at the inaugural function

Project Expo was organized in the department on 1st April, 2016 to boost the creativity of the budding engineers and cash rewards were given to the best projects by the management.

A program entitled "Energy Audit" was conducted at Dr. MGR University by Dr. L. Ramesh in Chennai on 3rd March, 2016. 2nd B. Tech., students participated in that programme.



Students at the Programme in Chennai



Dr. S.Ramesh Babu Secretary & Correspondent, Principals, HODs & Students at Alumni Meet

Alumni:



I would like to thank all my professors who have enriched my knowledge and helped me in shaping my future. The respect and adulation that I receive as a professional in my workplace is because of the values that I had imbibed from this college. I will always be indebted and proud to be part of Swarnandhra.

Balla Rama Hari,
Software Engineer, Infosys Ltd.
2010- 2014

Student's Voice:



I feel proud to be a student of Swarnandhra College of Engineering & Technology. I felt that my knowledge has been enriched due to my association with my department .

Rayudu Mahesh
IV B. Tech.
Reg No: 12A21A0275.

DEPARTMENT OF INFORMATION TECHNOLOGY

Vision:

To empower the students of Information Technology technologically adept, innovative, self-motivated and responsible global citizens, possessing human values.

Mission:

- ❖ To lay a strong foundation of programming knowledge by concentrating on fundamental concepts of Information Technology.
- ❖ To develop flair for logical thinking and innovative methods to write algorithms for complex problems.
- ❖ To strengthen and expand collaboration and partnership with industry and other organizations.
- ❖ To produce best quality Information Technology professionals by imparting quality training on industry oriented programs.

New Trends

Vein Identification is the biometric identification and security device known as Palm Secure. The purported advantages of this technology is that it is less expensive, easier to manage, and is more reliable than traditional methods of identification.

Faculty Focus : Paper Presented

Mr.P.V.Naga Srinivas, Asst.Prof., participated and presented a paper entitled "Sex Offense against Juveniles: An approach to change Attitude and Behavior of Youth" in the UGC Sponsored a two day national conference on "Internet of Things" held at University College of Engineering & Technology, Department of CSE, Acharya Nagarjuna University, on 3rd & 4th March, 2016.



Dr.S.Ramesh Babu Sec. & Correspondent, Principals, HODs & Students at Alumni Meet

- Mr.P.V.Naga Srinivas has passed his Pre PhD Examination from Acharya Nagarguna University in July 2015.

Students' Focus

Student's Role In Service Sector :

- Ms.PMA Sumathi, a student of IT participated in "Night Vision Technology," NIPUNA, a National Level Techno Management Symposium on International and Management Skills conducted by ISTE Students Chapter of SRKR Engineering College, Bhimavaram on 19th & 20th Feb, 2016.
- Ms.K. V. Vijaya Lakshmi a student of IT participated and presented a paper in Zeitgeist 2K16 conducted by the Department of Computer Science and Engineering in University College of Engineering JNTU Kakinada, on 20th & 21st Feb, 2016.

The following students are the toppers in the first semester.



K MOUNIKA
15A21A1218
9.38 SGPA



K MANIKANTA
15A21A1214
8.50 SGPA



TNVLS PRUDHVI
15A21A1236
8.29 SGPA



K ARCHANA
15A21A1217
8.13 SGPA



K V LAKSHMI
15A21A1216
8.00 SGPA

Alumni Voice



I always feel delightful to say that I am the Alumni of this prestigious college. The Untiring efforts of faculty, the student-teacher collaboration supports me in all the phases of graduation and teaches me how to learn and lead the life in corporate sector. I am thankful to the management for providing everything to the student in the campus.

Surimenu Bhargav,
Senior Consultant at Cag Gemini,
Hyderabad, Batch - 2001-2005

Student's Voice



I feel very glad to be a part of IT Department in this college, as the activities and programs conducted by this department are encouraging and worth learning.

Pydimari Mastan Anjali Sumathi,
IB.Tech, Reg No: 15A21A1230

DEPARTMENT OF SCIENCE AND HUMANITIES

Faculty Focus

- Dr. V.Swaminadham, Professor & HOD participated in a one day workshop on "Outcome Based Education and Accreditation" held as pre conference workshop of 6th IEEE International Advanced Computing Conference (AICC 2016), organized by IEEE Computer Society - India Council and SRKR Engg. College, BVRM on 26th Feb, 2016.
- Mrs. Zehrabi Asst.Prof., submitted her Ph.D thesis work to Acharya Nagarjuna University on 30th June, 2016.
- Mrs. Zehrabi Asst.Prof., presented a paper entitled "Importance of Body Language" in a two day National Seminar organized by Andhra Loyola Institute of Engg. & Tech., Vijayawada, on 11th and 12th March, 2016.
- Mrs. Zehrabi Asst.Prof., published a paper entitled "Importance of Body Language" in Journal of English Language and Literature (JOELL) an international Peer reviewed journal. Vol: 3, issue:1, pg 131-136, March, 2016.
- Mrs. Zehrabi Asst.Prof., attended a one day workshop on "Teaching and Researching on English Language Studies" at Andhra University College of Engineering, Visakhapatnam, on 22nd Feb, 2016.
- Mr. K.KoteswaraRao, Asst.Prof., participated and presented a paper entitled "Preparation and characterization of Ni²⁺ doped CdTe Nano particles by co precipitation in the National Conference on Advanced Functional Materials (NCAFM - 2016), at Sri Venkateswara University - Tirupathi on 23rd & 24th March 2016.
- Mr. K.KoteswaraRao, Asst.Prof. published a paper entitled "preparation and structural characterization of Mn²⁺ doped CdTe Nano Particles by co precipitation in the Journal of Chemical and Pharmaceutical Research. Vol: 8, issue: 5, pg: 310-313.ISSN :0975-7384, March, 2016.
- B. Suresh ,Asst.Prof., published a paper entitled "A critical study on Need of English Proficiency for Emerging Engineers" in A Research Journal Of English Language And

Literature (RJELAL.) Vol:4 ,Issue:2,ISSN:2321-3108. Pg: 506-508. Jan, 2016.

- Mr. U. Naga Babu, Asst.Prof., participated in a National Conference on " New Challenges of Chemistry in Biomedical Research" conducted by Dept. of Chemistry, K.L University, on 8th & 9th Jan, 2016
- Mrs. K.Ragini, Asst.Prof., presented a paper entitled " Multimedia : A Technique to Deal the language Labs " in a two day National Seminar organized by Andhra Loyola Institute of Engg & Tech. Vijayawada, on 11th and 12th March, 2016.
- Mrs. P.L.Rama Kameswari, Asst.Prof., published a paper entitled "Group Theoretic Origins Certain Generating Functions of Legendre Polynomials" in an International journal of chemical sciences: 13 (4)2015,1655-1665 ISSN0972-768.
- Mrs. P.L.Rama Kameswari, Asst.Prof., published a paper entitled "Special Linear Group SL (2L) and generating functions for two variable Legendre polynomials" in a Global Journal of Pure and Applied Mathematics (GJPAM) ISSN 0973 - 1768 Volume: 11th Nov, 2015.

Students Focus

- P.M.A. Sumathi, II Sem B.Tech., a student from of IT branch (Regd. No. 15A21A1230) participated in "Night Vision Technology Of Nipuna" a National Level Management Symposium on International and Management Skills conducted by ISTE Students Chapter (AP-10), on Feb 19th & 20th, 2016.
- Kanumuri Vijaya Lakshmi, II Sem B.Tech a student of IT branch (Regd. 15A21A1216) participated in presentation Zeitgeist 2K16 conducted on 20th and 21st Feb 2016.
- A.V. Krishna Priya (15A21A0505) and A.Jyoshna Mani (15A21A0503) B.Tech II Sem CSE students participated in a paper presentation "Valiant 2016", a National Level Student Technical Symposium organized by Vishnu Institute of Technology, Bhimavaram on 28th & 29th Feb, 2016.
- PROGRAMMES: A three day training programme was conducted for B.Tech., II Sem students on Soft Skills and Job Skills by Dr. K.Balaji Reddy from 29th Feb to 2nd Mar, 2016.

The Following Students are the Toppers in B.Tech I Semester (2015-2016)



15A21A0455
CGPA: 9.63



15A21A0577
CGPA: 9.63



15A21A1218
CGPA: 9.38



15A21A04C2
CGPA: 9.38



15A21B0508
CGPA: 9.38



15A21B0519
CGPA: 9.38



15A21B0517
CGPA: 9.25



15A21A0410
CGPA: 9.25



15A21A0407
CGPA: 9.25



15A21A0511
CGPA: 9.25



15A21A0592
CGPA: 9.25

"As information technology restructures the work situation, it abstracts thought from action." -Shoshana Zuboff

DEPARTMENT OF MECHANICAL ENGINEERING

Vision:

- ❖ To educate and enrich effective and responsible mechanical engineers to fulfill the needs of industry and society.

Mission:

- ❖ To lay strong foundation of technical knowledge by concentrating on fundamental concepts of mechanical Engineering.
- ❖ To develop flair for creative thinking and innovative methods to solve complex problems
- ❖ To develop team spirit , leadership and professional qualities
- ❖ To provide research facilities to students with opportunities to create, interpret, apply and disseminate knowledge.
- ❖ To strengthen and expand collaboration and partnership with industry and other organizations.

New Trends in Technology:

World's Tiniest Engines are a million times smaller than an ant. As technological innovations make devices smaller and smaller, scientists are developing machines that are in the size of complex molecules.



Faculty Focus

Dr.A.Gopichand the HOD, published a paper entitled "Impact and Strength Analysis of All-Steel Sandwich Structures for Different Core Shapes" in an International Journal of Engineering Trends and Technology (IJETT) . Volume : 32, ISSN: 2231-5381, February 2016.

Mr. Sam Sukumar Assoc.Prof., published a paper entitled "Fluid Structure Interaction of Liquid Lubricated Cylindrical Journal Bearing using CFD" in an international Journal of Innovative Research in Science, Engineering and Technology, ISSN (Online): 2319-8753,ISSN (Print): 2347-710,Vol. 5, Issue: 3, March 2016.

Mr. Sam Sukumar Assoc. Prof., published a paper entitled "Performance and Emission Analysis of Pongamia Biodiesel on Vcr Engine By Varying Injection Pressure" in an International Journal of Mechanical Engineering and Computer Applications. Vol : 4, ISSN 2320-6349. Jan - Feb 2016.

Abdul Azeez Asst. Prof., attended a three day workshop on " Advanced Vibration Analysis MATLAB Hands on Sessions" at JNT university Kakinada, from 3rd March, 2016.

Student's Focus

The following students are academic toppers in the University end examinations.

IV B.TECH



A. Krishna Kumar
85.73%



V. Bramhanandam
85.20%



D. Pavan Kumar
83.06%



K. Sri Sravya
82.59%



Ch. Naresh
9.35 SGPA



Sk. Suneer
8.78 SGPA

PLACEMENTS:

- ❖ Sixty students of final year B.Tech., got selected in various companies like Stanchion solution, Sutherland global services, West line ship management pvt. Ltd., Unitech transfer-German centre for automation and robotics, Cruise line ship management pvt. Ltd., Tech Mahindra etc.

Important event in the department : Students Association was inaugurated on 15th March, 2016



Principal at inaugural function
Speech by mechanical HOD in the eve of ASME inauguration.
Project Expo was organized in the department



Students & the HOD at the project expo

- ❖ A one week training program on MATLAB by CPLR for 3rd B.Tech students was conducted from 22nd to 27 Feb, 2016
- ❖ A one week training program on Unigraphics Nx by CPLR for final year students was conducted from 28th Dec 2015 to 5th Jan, 2016

BEST PROJECTS OF THE DEPARTMENT :

The best five projects of the department:

1. Experimental Evaluation For The Performance on Edible and Non-Edible Bio Diesel
2. Prosthetic Heart Analysis
3. Pyrolysis Process
4. Agricultural Weed Remover And Seeding Machine
5. Finite element Analysis And Fabrication of Sliding Motion Bridge



Dr. S. Ramesh Babu Secretary & Correspondent, Principals , HODs & Students at Alumni Meet

Alumni Voice



I feel profoundly lucky for being a student of Swarnandhra as SCET provided me a platform to know my strengths and work on them to lead a successful career. I enjoyed every moment in this campus right from the core Engineering to extra curricular activities .I offer my heartfull thanks to the management of Swarnandhra group of Colleges.

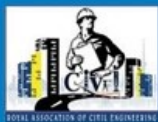
Chiranjeevi Pokala
Sr. Engineer, Automotive Robotics India Pvt Ltd,
Chennai. 2006-2010 Batch

Student's Voice

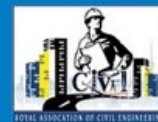


I feel very proud to be a part of our department. The faculty not only supported me but also encouraged me to develop in all aspects. I thank our HOD for his timely guidance.

T. Pavan Kumar Raju,
IV B.TECH (12A21A03A4)



DEPARTMENT OF CIVIL ENGINEERING



Vision:

- ❖ To make the students strong in both technical and practical aspects to meet the national and international requirements

Mission:

- ❖ To provide state of art education in Civil Engineering with a well balanced programme of instruction and practical experience
- ❖ To impart managerial skills for construction and sustainable development for societal needs.
- ❖ To generate research opportunities that creates synergy among faculty, students, and practicing professionals.
- ❖ To contribute to the quality of life through innovation in the knowledge generation, sharing and its use.

New Trends in Technology

Utilizing recycled rubber derived from scrap vehicle tyres in civil engineering applications such as concrete production represents an effective technique for using huge volumes of waste materials safely. This reuse promotes the development of eco-friendly buildings and encourages the concept of sustainable production, which is receiving greater attention nowadays. In addition, the low density of rubber aggregate compared to a conventional aggregate can significantly contribute to the development of semi-lightweight and lightweight concrete, which helps to reach a more economical design. In the last two decades, significant research has been involved in using shredded and/or crumb rubber (CR) as a replacement for coarse and/or fine aggregate. Most of the studies conducted on the use of waste rubber in concrete have reported that utilizing rubber aggregate can be a potential alternative way to enhance the ductility, strain capacity, impact resistance, and energy absorption of concrete. However, increasing the rubber content negatively affects the mechanical properties of concrete.



Faculty Focus

- ❖ Mr. B.RAJU Asst. Prof., Published an article entitled "Structural Monitoring And Analysis Of R.C.C Beams With Different Type Of Stirrups" in an International Journal for Science and Advance Research in Technology, Volume :2 Issue :1 ISSN :2395-1052, JAN 2016.
- ❖ Ms. T.Lohitha Devi Asst.Prof., attended a Workshop on "Ravit Architecture" Organized by D.N.R College of Engg. & Technology on 8th & 9th Jan, 2016.

Students Focus

- ❖ N. Divya Jyothi, K.Kavya ,P. Deepthi, G. Kavitha ,S. Saveena, M. Chandana the students of 2nd B.Tech., presented a paper in Vishnu Valiant, Bhimavaram during 28th & 29th Jan, 2016 .
- ❖ T.Sai Bhagavan, T.Ramsurya and T.Lakshmansurya the students of 3rd B. Tech., Participated in the workshop on Advanced Surveying Using Total Station in STEPCONE 2K16 held on 8th, 9th & 10th Jan, 2016.



Students at the Seminar

Important Activity in the Department

A one week Workshop on "PRIMAVERA" was conducted by Mr. Balraj I, CPLR Softech(P) Ltd., Madras from 28th Dec- 2nd Jan, 2016.

A five day workshop was conducted on "STAAD Pro" by Mr.I.Balraj CPLR Softech(P) LTD, Madras from 8th to 12th Feb, 2016.



students with resource person at the workshop



Speech by the HOD Dr. K.M Ganesh

To encourage the creativity of the students the Project Expo2K16 was organized on 2nd April 2016.



Winners of Project Expo2K16

Students at the Project Expo2K16

Academic Toppers

The following students are toppers in the end University Exams in their respective classes III-I& III -II Sem (Autonomous)



P.Sekhar Reddy
III Year I sem
(13A21A0139)
83.7%



K.Aditya Reddy
III Year I Sem
(13A21A0131)
82.6%



K.M.Subbarao
III Sem
(15A25A0111)
9.35



K.Deepak Babu
III Sem
(14A21A0125)
8.87



Dr. S.Ramesh Babu Secretary & Correspondent, Principals, HODs & Students at Alumni Meet

Alumni Voice



I feel fortunate to be a student of Swarnandhra college of Engg.& Technology as I acquired good knowledge by the support of the faculty and gained practical experience in the well equipped laboratories

V.Rammanohar Varma
GEO. Tech Engineer, Aecom India (p) Ltd.
Chennai, Batch 2009-13

Student's Voice



I am glad to be a part of Swarnandhara college of Engineering and Technology.It provides me with immense opportunities to enter the technical world

J.Nagakumar
IV B.Tech, Reg no: 13A25A0101



Swarnakshara - Newsletter

SCHOOL OF MANAGEMENT STUDIES

TODAY LEARNING TO MORROW LEADING

Vision:

- To be recognized as contemporary, progressive and leading School of Management Study that fosters leadership and provides exposure to all the aspiring students from various backdrops.

Mission:

- Developing sensible, responsible and insightful leaders among the students by fostering excellence in the classroom through activity based learning that provides exposure and instills employability.

Faculty Focus

- Dr. Madhu T, the principal of SIET and CMA Rajendra Kumar.T, the HOD presented a paper entitled, "Existence to Excellence : Challenges faced by Management Schools in Rural India" organized by international Quality Assurance Cell (IQAC), at Sri Y.N. College Narsapur on 8th & 9th Jan , 2016.
- Dr.B.V.R.Naidu, Prof and Mrs.O.V.A.M.Sridevi, Asst.Prof presented a paper entitled, "Choice Based Credit System in India:A critical Evaluation" in UGC Sponsored a two day national seminar on promoting excellence in higher education-Issues and challenges organized by Sri Y N College Narasapur on 8th and 9th Jan, 2016 and the same is published in an International Journal of Academic Research (IIAR) Vol: 3, Issue : 2, ISSN NO:2348-7666 Pg :77-83. Feb, 2016
- Dr.B.V.R.Naidu, Prof and Mrs.O.V.A.M.Sridevi, Asst.Prof published a paper entitled, "Convergence of E-CRM with E-Commerce to Reap The Customer Loyalty For Long Term Endurance in Geocs" in an International Journal of Innovation Technology and Management, volume :II issue: I, Issn No 2394-594X pg no 74-77. March 2016.
- Dr.B.V.R.Naidu, Prof and Mrs.M.V.Prasanthi, Asst.Prof presented a paper entitled, "Quality Assurance in Teaching Learning And Evaluation: Challenges, Strategies And Best Practice" in the UGC sponsored a two day national seminar on promoting excellence in higher education-issues & challenges organized by International Quality Assurance Cell(IQAC), at Sri Y N College Narasapur on 8th and 9th Jan, 2016
- Mrs.Monica Persis.V. Asst.Prof, Ms.K.L.Sirisha, Asst.Prof. and Ms.V.S.R.L.D.N.Divya Asst.Prof. presented a paper entitled "Man Power Planning For Higher Education in India" in the UGC sponsored a two day national seminar on promoting excellence in higher education-issues & challenges organized by Internal Quality Assurance Cell(IQAC), Sri Y N College, Narasapur on 8th and 9th Jan 2016
- Dr.B.V.R.Naidu, Prof and Mrs.O.V.A.M.Sridevi, Asst.Prof presented a paper entitled "Financial Engineering -An Apparatus for risk management" in a National conference on paradigm shifts in business management organized by Aditya global business school on 19th March 2016



MBA Students Association "LEAD" was inaugurated on 13th April, 2016



K.Bharathi 14A21E0021
Third Sem 9.09 CGPA



P.Monisha 14A21E0037
Third Sem ,8.96 CGPA



B.Sai Prasad
15A21E0006
First Sem 9.23 CGPA



K.Alekhya
15A21E002016
First Sem 9.05 CGPA



U.N.V.N.sai Kumar
15A21E002035
First Sem 9.05 CGPA

Student's Focus

- P.Monisha and A.Satti Babu students of MBA participated and got the 3rd prize in K L University Entrepreneurship Competition on "Samyak-2016", on 25th & 26th Feb, 2016.
- P.Manikanta and K.Nagaraju students of MBA participated in a Business Quiz competition and got the First prize in Vishnu College Management meet on 28th & 29th Feb, 2016
- A.Sivaji an MBA student got second prize in Business Quiz competition at B.V.C College held on 3rd to 5th March, 2016.
- A Siva Prakash and P Adinarayana Murty participated in a paper presentation at Gudlavalluru Engg College and got the second prizes on 11th Feb, 2016
- GMNSSLP Sindhuja, Sai Mounica, Sai Prasad, Sai Durga Jyothi, Lakshmi, Sai Lakshmi, Geetha Sathya, Vijay and Alekya students of MBA-I semester participated in Business Quiz competition at Vishnu Engg.College, BVRM on 28th & 29th Feb, 2016
- D Vasavi, Krishnam Raju, Sai Mounica, Naga Lakshmi, Madhu Krishna, Vidya Sagar & Srikanth, the students of MBA participated in management events conducted by B VC Amalapuram on 3rd to 5th March, 2016
- UNVN Sai kumar, P Sai Mounika, A Naga Lakshmi and P Krishnam Raju, the students of MBA participated in a paper presentation at Gudlavalluru Engg.College on 11th Feb, 2016.

Department Activities

A one day workshop on "Strategies Globalised World" Initiation of mini Projects on demand forecasting was organized by Dr.K Balaji Reddy, the Principal of SWEC on 4th April, 2016.

A one day workshop on "Technical and Behavioural Aspects of Recruitment" was organized by Christina Sonia John, Hyd, on 23rd April, 2016.



Dr. S.Ramesh Babu Secretary & Correspondent, Principals, HODs & Students at Alumni Meet

Alumni Voice



After completion of my MBA degree in Swarnandhra, I felt confident enough to face practical challenges in the society as the college helped me in gaining new skills and getting over my weaknesses by conducting different oral activities.

G .HARISH,
HR Executive in ASK IT SOLUTIONS-Hyderabad,
Batch 2012-14

Student's Voice



I feel extremely happy that I am a part of the group discussions and seminars conducted by my faculty which enhanced my communication skills and presentation skills.

V.Prasanthi, IV Sem.
Reg : 14A21E0045

Management is doing things right; Leadership is doing the rights things
-Peter F Drucker.

**Vision:**

- Department of Computer Applications aims to generate groomed, technically competent and skilled intellectual professionals to meet the current challenges of the modern computing industry.

Mission:

- The department strives for building quality professional who all are committed and self-motivated with specific skills and to prepare the students for the diverse work place of the Global Environment.
- The Department of Computer Applications (MCA) strives to provide quality and competency-based education through necessary infrastructure and fine-tune the younger generation to encounter the challenges

New Trends in Technology BOOTSTRAP:

Bootstrap is the most popular HTML, CSS, and JavaScript framework for developing responsive, mobile-first web sites. It is completely free to download and use. It is the most popular front end framework in the recent time. It is sleek, intuitive, and powerful mobile first front-end framework for faster and easier web development. It uses HTML, CSS and JavaScript.

Faculty Focus

- Mr. A.N.L Kumar participated in IEEE pre conference workshop on Big Data & IOT organized by SRKR Engineering college, Bhimavaram, on 24th February, 2016

Students' Focus

- R. Vani and T. Mahalaskhmi, the students of III MCA got selected for SERCO, GLOBAL SERVICES on 2nd April, 2016.
- R. Durga Bhavani, a Student of III MCA got selected for Sutherland Global Services on 15th December, 2016.

DEPARTMENTAL ACTIVITIES

A three day workshop on Android App Development programme was conducted for II MCA and III MCA students by Harshita Pathak from IET from 20th - 22nd February 2016.

- "AMCAT" training programme was conducted for III MCA students from 2nd to 10th Jan 2016.

ACADEMIC TOPPERS

The following students are academic toppers in the University end examinations.

II MCA-V SEMESTER

D. Srivalli
13A21F002
81.7%



I. Srinivasa Rao
13A21F0003
80.3%



M. Vasudha
14A21F0007
8.74 CGPA



N. S L Sailaja
14A21F0010
8.71 CGPA



D. Renuka
Naga Devi
15A21F0003
9.29 CGPA



L.Chandrika
Lakshmi
15A21F0008
9.19 CGPA



Dr. S.Ramesh Babu Secretary & Correspondent, Principals, HODs & Students at Alumni Meet

Alumni Voice

Awesome place to learn. Department having highly qualified faculty those who are very supportive in all aspects. The college has a good library with large number of titles. The entire campus is Wi-Fi enabled with a high speed internet connection.

K VVS Narayana Reddy, 2010-2013 Batch
Job Role: Associate, WIPRO Technologies, VIZAG.

Student's Voice

I am proud to say that I acquire not only subject Knowledge but also to develop social and life Skills as a student of SCET.

- Javadi Sai Krishna, I MCA

Department of Nanotechnology (Advanced Research Laboratory for Nanomaterials & Devices)

Porous silicon has been demanded as an antireflection coating material for the thin film solar cells and has replaced the expensive conventional coating of silicon nitride film due to its easy and low cost fabrication. Another reason of attention paid by the researchers is due to its room temperature photoluminescence in the visible light range. This material is promising one as it has a wide absorption band and high transmission from 700 to 1000 nm. The most important advantages of using porous silicon in solar cells are its textured nature surface which traps light and reduces the reflectance losses, tuning of band gap for optimum sunlight absorption, conversion into direct band gap semiconductor with large quantum efficiency. From this points of view, we are working on fabrication of porous silicon layer for its application in thin film solar cells. Figure 1 depicts the optical and structural characterization of prepared monolayer of porous silicon using electrochemical etching method.

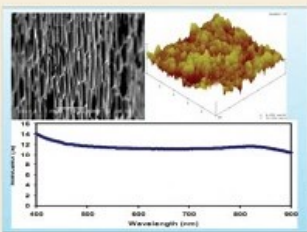


Figure top(left) shows the SEM image of porous structure prepared at current density 50mA/cm² for 3mins. etching time. The porous structure can be clearly observed. A three-dimensional topography image of porous silicon with the pyramid-like shape distributed over the entire surface is visible in the figure top(right). A high degree of roughness of the porous silicon surface implies the possibility of its application as anti - reflection coating or textured surface which reduces the light reflection. The scattering of light in porous silicon structure is possible due to the roughness in relation to the thickness of the porous layer. To have desired properties of Porous silicon, the current density, etching time and electrolyte concentration are the key parameter, which varies the refractive index/porosity of the layer and affects the reflectivity. Figure (bottom) shows the reflectance through porous silicon surface and a low range of reflectivity ~11-12% is observed in the wavelength range of 400-800nm.

Achievements

An Invited Talk delivered by Dr. R. S. Dubey, HOD on "Growth & Characterization of Porous Silicon Thin Films for Energy

Applications" in a one day National Workshop on Latest Trends in Thin Film Technologies (TFT - 2016) held at Centre for Nanotechnology, Andhra University College of Engineering (A), Andhra University, Visakhapatnam (A.P.), on March 29th, 2016.



TFT workshop's valedictory function gathering, from left Dr. R. S. Dubey (HOD), Dr. V. S. Mani (Scientist, CMET, Hyderabad), Principal AU Engineering College, Honorable Vice-chancellor of Andhra University, Prof. A. Subramanyam (IIT, Madras).

Paper Publications in Journal(s) and Conference(s)

- K. Jhansirani, Hari Krishna and R S Dubey published a paper entitled, "Characterization of Chemical Vapor Deposited Tetraethyl Orthosilicate based SiO₂ Films for Photonic Devices" in an international journal Materials Science Vol: 22, issue: 1, 2016.
- S. Saravanan and R. S. Dubey published a paper entitled, " Optical Absorption Enhancement in 40 nm Ultrathin Film Silicon Solar Cells Assisted by Photonic and Plasmonic Modes" in an international journal Optics Communication, Vol: 377, pg: 65-69, 2016.
- S. Saravanan, R. S. Dubey and S. Kalainathan published a paper entitled, "Effect of Diffracting Grating on the Performance of Thin Film Silicon Solar Cells" in an international journal Materials Today : Proceedings, Vol.: 3, issue: 6, pg: 2284-2288, 2016.
- S. Saravanan, R. S. Dubey and S. Kalainathan published a paper entitled, "Design and Analysis of GaAs Thin Film Solar Cell Using an Efficient Light Trapping Bottom Structure" in an international journal Materials Today : Proceedings, Vol:3, issue: 6, pg: 2463-2467, 2016.
- S. Saravanan, R. S. Dubey and S. Kalainathan published a paper entitled, "Grating Influence Study of GaAs Solar Cell Structures" in Journal of Nanosystems: Physics, Chemistry, Mathematics, 2016 (in press).

"Research is a scientific activity dedicated to discovering what makes grass green.-Russell Baker.

TRAINING CELL

TRAINING REPOSITORY & PLACEMENT TREASURY

Vision:

To evolve the students of Swarnandhra with a winning personality and stunning intelligence, and to mould them into an organized and a confident professionals.

Mission:

To develop the employability skills of technical undergraduates with their interpersonal attributes which are to be acquired by the learners during their training period.

Training & Placement Cell is the most prestigious cell in our college and it is full-fledged with diligent and talented executives who work in tandem with distinct departments of the college and the industry to build a bridge and remove the gap between the academia and the corporate world. The cell ensures that the students of B.Tech., M.B.A., and M.C.A are well trained in soft skills, life skills, and communication skills by certified trainers from reputed organizations and prepare well before they step into the job arena.

Faculty Focus

Smt. Kalavathi Tiwari created an icon SWARNGRE in Whats App to enrich the vocabulary of the students.

Smt. Kalavathi Tiwari presented a paper entitled " Assessment and Accreditation of Higher Educational Institutions - Need and Benefits" in the National Seminar on Promoting Excellence in Higher education organized at Sri Y.N.College , Narsapur in Jan 2016.

Event

Achievers Day was celebrated with great enthusiasm on 31st March, 2016. Five hundred and Fourty Four students who got selected in the Campus Recruitment Drives were congratulated and appreciated for their success.

ACTIVITIES IN THE TRAINING CELL FROM JANUARY TO JUNE, 2016

Sl.No.	IMPORTANT TRAINING IN SOFT SKILLS & COMMUNICATION SKILLS	YEAR/ BRANCH	FROM	TO
1	Corporate training - First Slot	IV B.Tech.	25 th April	12 th May
2	Corporate training - First Slot	III B.Tech.	16 th May	26 th May
3	Communication Skills development program by Smt. Kalavathi Tiwari	III B.Tech. Second Sem	21 st December	19 th March
4	Training by Top Freshers for MuSigma Co.	IV B.Tech.	4 th January	7 th January
5	Training by Top Freshers for Infosys Co.	IV B.Tech.	17 th January	18 th January
6	Training by Top Freshers for CTS Co.	IV B.Tech	30 th January	31 st January
7	Training by Top Freshers for TCS Co.	IV B.Tech.	16 th February	19 th February
8	Training by Face for TCS Co.	IV B.Tech.	29 th February	1 st March
9	Communication skills training (Based on Cambridge University syllabus) by Transyant	II B.Tech.	21 st December	20 th April
10	Soft skills training by Nipunya	I B.Tech.	17 th January	19 th January

PLACEMENT CELL

JAN – JUNE 2016 PLACEMENT DETAILS

S.No	Name of the Company	Off/On Campus drive	Drive Date	ECE	EEE	CSE	MECH	CIVIL	MCA	MBA	DCME	DECE	DEEE	DME	No Of Students Placed
1	Cruiseline Ship Management Pvt. Ltd.	On	4/1/2016				2								2
2	Cappemini	On	5/1/2016			1									1
3	Mu Sigma Business Solutions Pvt. Ltd.	Pool	9/1/2016												0
4	Infosys	Pool	19&21/1/2016	1	1										2
5	GSS Infotech	On	22.23&24/1/2016	2	1	2									5
6	Vee Technologies	On	29/1/2016	7		7									14
7	YUDEZINE	On	30/1/2016					2							2
8	HCL TalentCare Pvt. Ltd.	On	9/2/2016	6	1	2									9
9	Xportsoft Technologies	On	17/2/2016	1											1
10	Hansum India Electronics Pvt.Ltd.	Pool	24&25/2/2016								1				1
11	Tata Consultancy Services	Pool	2/3/2016	4		2									6
12	Syntel Pvt.Ltd.	Pool	7/3/2016												W.R
13	Centum Electronics Ltd.	On	9/3/2016								1	22	26	3	52
14	ICICI Bank	On	10/3/2016	15	2	1									18
15	Intelenet Global Services Pvt.Ltd.	On	15/3/2016	16	3	6	2	2							29
16	Focus Academy for Career Enhancement	On	16/3/2016		1										1
17	AGI glaspac	On	17/3/2016												W.R
18	Biztime IT Solutions Pvt Ltd.	On	18/3/2016	2		1									3
19	Vector Systems Pvt Ltd.	On	19/3/2016				4	2							6
20	Apollo Power Systems Pvt. Ltd.	On	20/3/2016				5								5
21	Vidyuth Control Systems Pvt.Ltd.	On	21/3/2016		2										2
22	Shumshire soft	On	22/3/2016			1									1
23	Honda-dealer	On	23/3/2016	5			3								8
24	Hyundai-Dealer	On	23/3/2016	6			2								8
25	Satyam Electricals	On	24/3/2016												W.R
26	Fairdeal Power Power Systems	On	24/3/2016												W.R
27	Aagna Global Solutions Pvt.Ltd.	On	26/3/2016	2		1									3
28	Intelenet Global Services Pvt.Ltd.	On	26/3/2016	4	2	6		1							13
29	Aqua Pure Plus Pvt. Ltd.	On	26/3/2016				1								1
30	CALSONIC KENSEI	On	26/3/2016				1								1
31	Kochar Infotech Pvt.Ltd.	On	26/3/2016	2	1	7	2	1							13
32	Polaris	On	26/3/2016	4											4
33	Hinduja Global Solutions	On	26/3/2016		1				1						2
34	Tech Mahindra	On	29/3/2016	23	9	11	8	2		3					56
35	Hinduja Global Solutions (HGS)	On	1/4/2016					1							1
36	Serco(Intelenet Global Services)	On	2/4/2016	25	22	28	22	4	2						103
37	Domex e-Data Pvt Ltd.	On	16/5/2016												W.R
38	UniTechTransfer GmbH-German centre for Automation and Robotics	On	21/5/2016	7	3	5	4								19
39	International Paper APPM Ltd.	Pool	28/5/2016												W.R
Total				132	49	81	56	15	3	3	2	22	26	3	392

W.R-Waiting for Result : The Following Companies also visited our Campus

Value Labs ,Amara Raja Batteries, Zen technologies ,Fujitsu, Globaledify, Cadsys (India) Ltd., HCL, Zf Steering India Ltd, Innoeye, CAPITAL IQ, LEARNBIZ, HDB Financial, CHARGE BEE, KARVY, FIRSTSOURCE, CEEQUENCE, DATAMATICS, KIML, GESTAMP, Vernalis

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 Book Packet Containing Periodicals

EXTRA-CURRICULAR AND SOCIAL SERVICE



Academic Council meeting held on 21st May 2016



Academic Council meeting held on 25th June 2016



Secretary & Correspondent address at Achievers day celebrations



International Women's Day Celebrations in the Campus



Secretary & Correspondent addressed the gathering at Parent-Teacher meet



NSS Programmes



10K Legal Awareness Run Programme held on 12th March 2016

SWARNANDHRA GROUP OF ENGINEERING COLLEGES
SCET TEL: (08814) 240588, 240599 Web: www.swarnandhra.ac.in SEETHARAMAPURAM, NARSAPUR
SIET TEL: (08814) 240465, 240463 Web: www.swarnandhra.ac.in SEETHARAMAPURAM, NARSAPUR

2015-16
972
 Campus Selections

75
 Companies

OUR RECRUITERS : 2015-16



క్యాంపస్ ఇంటర్వ్యూలో ఉద్యోగాలకు ఎంపికైన పాలిటెక్నిక్ విద్యార్థులు

స్వచ్ఛాంద్ర విద్యార్థులకు క్యాంపస్ ఉద్యోగాలు

నరసాపురం రూరల్: మండలంలోని స్వచ్ఛాంద్ర పాలిటెక్నిక్ కళాశాలకు చెందిన 5^వ మంది పైనల్ ఇంటర్ విద్యార్థులు ఉద్యోగాలు సాధించారు. రెండు రోజులుగా కళాశాల ప్రాంగణంలో జరిగిన సెలెక్షన్స్ ఎంట్రీ టెస్ట్ క్యాంపస్ ఇంటర్వ్యూలను నిర్వహించింది. దీనికి ఉభయ గోదావరి జిల్లాలలో పాటు కృష్ణా జిల్లా నుంచి కూడా డిప్లొమా విద్యార్థులు హాజరయ్యారు. అందులో స్వచ్ఛాంద్ర కళాశాలకు చెందిన 5^వ మంది విద్యార్థులు ఉద్యోగాలకు ఎంపికయ్యారు. వీరికి కంపెనీ ప్రతినిధులు నియమానుసారాలను అందించారు. ఎంపికైన విద్యార్థుల్ని కళాశాల కరస్పాండెంట్ డాక్టర్ ఎస్. రమేష్ బాబు, చైర్మన్ కొండవీటి సత్యనారాయణ, కోశాధికారి త్రినాథ్, చైరెక్టర్లు అద్దాల శ్రీహరి, వెంకటేశ్వరరావు, ప్రెసిడెంట్ డాక్టర్ శ్రీనివాసరమార, శంకర్ రావు, ప్లీస్ మెంట్ ఆఫీసర్ వాసివి రవిచంద్రులు ఆహ్వానించారు.



Project Expo in SCET

జర్నల్ కంపెనీలకు 'స్వచ్ఛాంద్ర' విద్యార్థుల ఎంపిక

వరసాపురం అల్లర్: మట్టివీధిలో కంపెనీల్లో ఉద్యోగాలు సాధించినందుకు నరసాపురం స్వచ్ఛాంద్ర ఇంటర్ కళాశాల విద్యార్థులు మరోసారి ప్రతిభ కనబర్చారు. కళాశాలలో దీర్ఘ మూడేళ్ల పాటు నిర్వహించిన స్వచ్ఛాంద్ర విద్యార్థులకు జర్నల్ కంపెనీలకు ఉద్యోగాలకు ఎంపికయ్యారు. వీరికి కంపెనీ ప్రతినిధులు నియమానుసారాలను అందించారు. ఎంపికైన విద్యార్థుల్ని కళాశాల కరస్పాండెంట్ డాక్టర్ ఎస్. రమేష్ బాబు, చైర్మన్ కొండవీటి సత్యనారాయణ, కోశాధికారి త్రినాథ్, చైరెక్టర్లు అద్దాల శ్రీహరి, వెంకటేశ్వరరావు, ప్రెసిడెంట్ డాక్టర్ శ్రీనివాసరమార, శంకర్ రావు, ప్లీస్ మెంట్ ఆఫీసర్ వాసివి రవిచంద్రులు ఆహ్వానించారు.



జర్నల్ కంపెనీలకు ఎంపికైన విద్యార్థులు