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Editorial Board

We are happy to release the fifth issue of the college news letter. We have stepped in to the fourth year of our existence. This year is going to be a crucial one for us. We have to see that our students are placed in reputed software outfits through campus interviews. This is not an easy thing to do. We have already appointed a well experienced placement officer to look after the campus placements. Arrangements for intensive training to students are underway. The Management has appreciably come forward to bear the cost of training instead of passing it on to the students. We have taken all steps to increase student exposure to the latest developments in tech knowledge by arranging industrial tours. We have appointed additional English staff to help enhance the communicative competence of students which is the sine qua non of campus appointments. We sincerely hope that our students will put up a creditable performance in campus interviews.

-editor-in-chief

Message

Dr. Y.V. Narayana

Principal, TEC

I am really happy to associate myself with Tirumala Engineering College as its principal. The college, though in its infancy, is endowed with excellent infra-structure and state-of-the-art brand equipment.

I can, without fear of contradiction, say it has acquired all the characteristics of a distinguished college that can preen itself about .Kudos to the Management for its instant responses to the needs of the students and the Faculty such as central air conditioning, munificent scholarships, cool mineral water and provision for communicative English to ensure employability and talks on personality development to enable students to have a smooth sail in their future careers.

I am quite aware that these alone cannot make an institution illustrious .In some cases, rigid rules of discipline, a non-porous administration, a dry dispassionate attitude in matters complex and enforcement of rigid teaching schedule might become necessary in carrying out administrative tasks. At the same time I am also aware that unless they are tempered with a humane approach, they may not yield the desired results. Human values are what really sustain and endear an Institution. Mutual consultation, common consent, concerted action and inclusive administration are what mark our modus operandi.

I am proud of our faculty and the administrative staff. They are absorbed into our team after careful sifting through interviews .Their pay is in commensuration with their seniority, proficiency and diligence. University norms are strictly adhered to in selection. Never was there an instance of compromise on essentials.

Students, our prized possessions, always received our highest attention. Continual counseling, remedial sessions, interactive sittings are some of the means we have adopted to achieve harmony on the campus and efficacious instruction in the classroom. A campus newsletter, a magazine, seminars, group discussions, conferencing with visiting scholars and interviews are some of the channels we have designed to direct the upsurge in creativity.

As you browse through this web, you will accost unique sights, say, our magnificent mega labs, stately seminar halls, awe-inspiring library hall, our envious spacious class rooms, our scintillating furniture, wide corridors lined with crotons and flower plants of various hues and, above all, portraits of celebrities and framed inspirational quotes adorning the vantage sites are sure to win your admiration.

Parents and public are always welcome to visit our college in person and see things for themselves for a dispassionate evaluation. Please also talk to our students who can endorse the truth of our claims. May you join hands with us in the mighty task of shaping this institution into a role model.



VISION

An Identity Enablement & Knowledge Enhancement center for individuals

MISSION

To enable individual students to become a socially responsible and a sought-after Corporate Citizen, year on year, by providing:

- holistic education,
- State- of- the- art technology and infrastructure and
- environment to realize, recognize and develop their passion

QUALITY POLICY

Core Values

- Continuous Learning Organization;
- Pure Meritocracy;
- Unrelenting Discipline tempered with a humane approach;
- Uphold true and enabling Indian Culture and Value Systems;
- Growth through consistently Superior performance and contribution at all levels;
- Promote Organizational Culture of Empathy, Empowerment, Responsibility and Reliability at Sustainable Quality standards;

SKILLS AND VALUES

Sri.R.Satyanarayana

Secretary & Correspondent

Once a dry and bleak area, Narasaraopet Division has transformed itself into a vast lush green panorama. Thanks to Nagarjuna Sagar waters, the green revolution has, in its turn, spawned the white as well as knowledge revolution. That explains the phenomenon of a phalanx of academic and technological institutes in and around Narasaraopet.



Welcome to Tirumala Engineering College, sandwiched between Vijayawada-Hubli rail track and Guntur-Kurnool National Highway. It bestrides a green stretch of 15 acres looking like a milky pearl placed on a green leaf. It bewitches you to stop and stare.

What primarily defines an Institute is neither the majesty of its buildings nor the sophisticated machinery. What really matters is the quality of the faculty and the intellectual stuff of the students. The later component is something to be formed and moulded by the former. Tirumala Management has strictly conformed to the norms in the selection of the faculty, giving primacy to achievements, proficiency and seniority. As it should be, they are rewarded with a competitive pay-packet. We are happy that the faculty is headed and led by a principal, young and brilliant.

The toast is made ready for students, and it is for them to make good of it.

We hope the students and staff will hone up their academic skills and also strive to preserve the cherished Indian values.

A REPAYMENT OF GRATITUDE

Sri. Bolla Brahma Naidu

Chairman



Tirumala Engineering College

It is extremely gratifying that Tirumala Engineering College has been the most favored destination of B.Tech aspirants among the colleges started this academic year.

The college has come into being after long deliberation. If it were to be “a yet another college”, obviously there is no need of it. The lure of lucre has always been kept at bay. How to make it unique was the point of discussion. One way, others apart, is to provide a stimulus to students to scale academic heights. So was conceived an annual corpus of nearly Rs.60 lakh to be awarded by way of scholarships to the first ten toppers of each branch year-wise. The scholarship to each student, on an average, works out to Rs.22,750/- . A question instantly asked everywhere is where the money comes from. From the balances of the college finances? Impossible in the prevailing circumstances. If there were to be any balance at all it would be spent only on infrastructure development. The corpus would be a donation made over by a Trust formed by Tirumala Milk Products Ltd., a dairy venture of ours which has its network criss-crossing Andhra Pradesh. Donation? Probably a misnomer. Better call it an indirect contribution of the humble, but the most cherished patrons of our dairy industry. In a way, the college is a repayment of our gratitude to our rural brethren and their college kids.

We have a proposal to open a computer center in the heart of Narasaraopet town which would be made accessible free of charge out of the college hours for the use of Tirumala College Students residing in the town.

We trust that the staff, students and their parents would, with their concerted effort, make Tirumala Engineering College the pride of Palanadu region.

We wish to offer our grateful thanks to the AICTE , the A.P. Government and the J.N.T.U, Kakinada for according permission to open the Institute.

To Newer Pastures

Dr.N.VenkataRao

Joint-secretary

Tirumala Engineering



College

Tirumala Engineering College, in a way, can be said to be an off-shoot of Tirumala Milk Products Ltd. The success story of our Dairy Industry is what prompted us to venture out into Technological Education. We wish to underscore the fact that while the former is a business venture , the latter is an educational enterprise where profit alone cannot be the consideration. If money alone had mattered for us we wouldn't have dared to set up the Institute in a rural area, and at a time of diminishing returns. We wouldn't have earmarked an enormous sum of Rs.60 lakh against the management - sponsored scholarship scheme. We would like to assure that every rupee we may save from the college finances will be ploughed back into nurturing its expansion.

Coming to expansion, introduction of B.Tech in Dairy Technology is very much on our minds. Our focus is also on M.B.A and M.C.A. We may launch ourselves into newer fields of Technology at an appropriate time. Meantime, we will leave no stone unturned to find career placements for our alumni.

We wish to make it clear that divisive tendencies of any sort will be weeded out mercilessly. All that we seek is cooperation of the public, and commitment to their work from staff and students.

For a Mission

Sri. Danda Brahmanandam

Treasurer

Tirumala Engineering College



As of now, there is a large imbalance between the incomes of rural and urban areas. Our drive is to minimize it through farm related activities. It is common knowledge that a break-through can be achieved only through modern technology. Engineering colleges can help us in this direction. We, the founders of Tirumala Engineering College, are farmers first and foremost. You know, a farmer persists in farming regardless of the outcome. Such is his attachment to the soil. So is ours to the soil and to the dependents on it. Rural areas are our constituency, and our mission is their all-round development.

We earnestly seek your cooperation in whatever we do for the development of villages.

Aim High, Shun Trivialities

Sri.Battini NageswaraRao

Vice-chairman

**Tirumala Engineering
College**



Our aim is to fashion Tirumala Engineering College into an Institution of excellence. Mere degrees earned through hard study may fetch a job. But it should be remembered that a mind empowered by creative thinking makes marvels possible bringing immortal fame.

We would like the students to aim high in life. They may, sometimes, fall short of their expectations. But that will help them gain momentum and speed.

Tirumala Engineering College will do for them all that it can. But they too should play their part with commitment without getting lost in trivialities.

FACULTY ACHIEVEMENTS

PUBLICATIONS

International Journals

- **Y.V.Narayana and Jagadeesh Thati**, “*Invention of segment beams from arrays of wire antennas*”, *Elixir Elec. Engg.* 53 (2012) 11868-11872.
- **Jagadeesh Thati, Y. V. Narayana, Talluri.bharathi**, “*Forwarding Measured Data Using Zigbee*”, *e-Journal of Science & Technology, Greek. (Communication)*, (2), 7, 2012
- **Jagadeesh Thati¹, Y. V .Narayana², Radhika Chinaboina³**, “*Execution of Crane Forwarder-Control Algorithm for Automatic Expansion of Prismatic Link for DSP Processors*”*Sensors & Transducers Journal*, (ISSN 1726- 5479), Vol. 141, No. 6.
- **M. Venkata Subbarao, N.Sayedu Khasim and Jagadeesh Thati**, “*Analysis of Non-Stationary Power Quality Signals*” *Elixir Online Journal on Electrical Engineering*, Vol 53, pp. 11815-11818, December 2012.
- **M. Venkata Subbarao, Sayedu Khasim Noorbasha, Jagadeesh Thati**, “*A Novel Technique for Automatic Modulation Classification and Time-Frequency Analysis of Digitally Modulated Signals*”, *e-Περιοδικό Επιζήτησης & Τεχνολογίας e-Journal of Science & Technology (e-JST)*, (5), 7, 2012
- **Jagadeesh Thati ,Ch. Eswara Kumar, I.V.G Manohar**, “*The Isolated Control of Transportable Robot Based on Embedded Technology*”2012 IJAIR. ALL, ISSN: 2278-7844
- **V.V.M.Krishna, M. Venkata Subbarao, and V.Venkatarao**, “*Glitch Reduction in Low Power TG-Multiplier*”, *International Journal of Engineering Research & Technology (IJERT)*, Issue 6, Volume 2, pp. 2138-2142, June 2013
- **M. Venkata Subbarao, N.Sayedu Khasim, Jagadeesh Thati, and M.H.H.Sastry** “*Hybrid Image Compression using DWT and Neural Networks*” *International Journal of Advanced Science and Technology*, Volume 53, pp. 31-41, April 2013.
- **M. Venkata Subbarao, N.Sayedu Khasim, Jagadeesh Thati and M.H.H.Sastry**, “*A Novel Technique for Time-Frequency Analysis of Digitally Modulated Signals*”, *International Journal of Signal Processing, Image Processing and Pattern Recognition(IJSIP)*, Volume 6, Issue 2, pp. 1-14, April 2013.
- **M. Venkata Subbarao, N.Sayedu Khasim, Jagadeesh Thati, and M.H.H.Sastry** “*Non-Stationary Power Quality Signals Classification using Fuzzy C-means Algorithm*” *International Journal of Advanced Research in Computer Engineering & Technology* Volume 2, Issue 2, pp. 812-816, February 2013.
- **M.Venkata Subbarao, B.Biswal, Y.V.Narayana** “*A Novel Technique for Time-Frequency Analysis of Non-Stationary Power Quality Events*” is accepted for publication in journal of electrical engineering (JEE).
- **M. Venkata Subbarao, N.Sayedu Khasim, Jagadeesh Thati and M.H.H.Sastry**, “*Tapering of Antenna Array for Efficient Radiation Pattern*”, *e-Journal of Science & Technology (e-JST)*, Issue 2, Volume 8, pp. 37-42, April 2013.
- **N.Sayedu Khasim , M.Venkata Subbarao, Jagadeesh Thati and M.H.H.Sastry** , “*Tapering of Antenna Array for Efficient Radiation Pattern* ”, has been accepted for publication in the *Wulfenia Journal*, ISSN: 1561-882X. (invoice number: eXdOO7X) ISSN: 1561-882X – Impact Factor: 0.267 - Eigenfactor: 0.00003 - Coverage:Science Citation Index Expanded BIOSIS Previews.
- **K.Priyanka, P.M.Francis, Ch.Eswara Kumar**,” *Intend of Low-Power High-Speed Truncation-Error-Tolerant Adder and Its Appliance in Digital Signal Processing*”, Vol 1, Issue 7, 2012 IJAIR. ALL, ISSN: 2278-7844.
- **S.Suresh Babu, P.M.Francis, Ch.Eswara Kumar**,” *Innovative Approach to Look-Up-Table Design and Memory-Based Realization of FIR Digital Filter*”, Vol 1, Issue 7, 2012 IJAIR. ALL, ISSN: 2278-7844.

- **I.Soma Sudheer, B.Nageswararao, Ch.Eswara Kumar,** "Design and Implementation of Nodes for the Agricultural Information Wireless Monitoring", Vol 1 ,Issue 6, 2012 IJAIR. ALL, ISSN: 2278-7844.
- **P.Radhika Lakshmi,K.V.S.Santosh,G. Pardhu,Y.Srivathsava,A.Sumanth,G.Keerthi,**"Auto Correlation verification for off-Line signature corroboration",vol.4, issue 1, Version 3, Jan-march 2013
- **Nasreen,** "Design and Implementation of enhanced channel accessing system for low BER", in IJETT, July 2013.
- **R.Lalu Naik, Dr. P. Chenna Reddy,**" Secure Authentication using BB84 Quantum Key Distribution Protocols",IAEME,ISSN 0976-6375, sept 2012.
- **V.V.Kondaiah,V.V.Subba Rao,Jagu.S.Rao,**"Flywheel Weight Optimization Using Genetic Algorithm",Mechanica Confab, ISSN 2320-2491.
- **G.Jaya Raju,**"DSP Controlled Inverte Fed Speed Control of three Phase Induction Motor",e-journal of science & Technology,issue 3,vol 8,2013,pp.55-69.
- **G.Jaya Raju,**"Hysteresis Control of A Unified Power Quality Conditioner For Current and Voltage Perturbations Compensation in A power Distribution Network",IJERT,ISSN 2278-08181,vol. 2 Issue 9, sept-2013
- **Y. Sreenivasa Rao, K. Sravanya** published a paper on "Simulation of Single-phase grid connected Photovoltaic system based on Z-Source Converter" in an International Journal of Emerging Trends in Engineering and Development (IJETED) (ISSN: 2249-6149) in November 2012 (Volume 7, Issue 2).
- **Y. Sreenivasa Rao, G. Siva Suteja** published a paper on "Design od a low – cost rectifier for variable – speed permanent magnet synchronous generator fed wind turbines " in an International Journal of Emerging Trends in Engineering and Development (IJETED) (ISSN: 2249-6149) in November 2012 (Volume 7, Issue 2).
- **G V Prasanna Anjaneyulu , Abdul Kalam Shaik** "Multilevel based STATCOM for PQ Enhancement" International Journal of Advanced and Innovative Research (2278-7844)/#35 Volume 2 Issue 10, October 2013, pp:35-39.
- **SK.JAKEER ,GADDALA JAYA RAJU and KESANA GOPIKRISHNA** (2013), "VSI-Fed Speed Control Of Three Phase Squirrel Cage Induction Motor With And Without V/F Control By Using DSP Controller", International Journal of Advanced Scientific and Technical Research Issue 3volume ,Sep.-Oct. 2013Available online on <http://www.rspublication.com/ijst/index.html> ISSN 2249-9954 .

BOOKS

"Converting Matlab code to DSP code for a forwarder" by Jagadeesh Thati and Nagapraveen Parchuru (2012) in Lap Lambert Academic publications, ISBN 3659148148 and EAN- 9783659148149. This book contains "DSP Implementation of A-Control for A forwarder Crane Algorithm"

CONFERENCES

- **P.Nageswara Rao,**" Multi-Mode Heat Transfer Studies on 2-D Electronic Board with Multiple Identical Heat Sources", National Conference at Vasavi College of Engineering, Hyderabad.
- **M.Lakshman Rao,P.Suresh Babu,T.Rammohan,Y.Scenaiah,**"Experimental Investigations on Friction Stir Welding of Al 6061",National Conference on LIME-2013,ISBN 978-81-909853-4-5.
- **V.V.Kondaiah,V.V.Subbarao,**"Energy Applications-Nano Technology",National Conference on Emerging Trends In Renewable Energy and the Applications,Jan2013.
- **Y. Sreenivasa Rao, A. Jaya Laxmi** presented a paper on "Comparison of the Performance of DTC of Induction Generator in Wind Energy Conversion System with PI and Neural Controllers" to an international conference on Power and Energy Systems (PES-2012) organized during September 4-5, 2012

in Hong Kong whose proceeding was published by AASRI Procedia (ISSN: 2212-6716) by **ELSEVIER** and indexed by **ScienceDirect**.

- G V Prasanna Anjaneyulu, Abdul Kalam Shaik, “Design & Application of Distinct Multi Level – Multi Pulse Converter” National conference on Emerging and Innovative Trends in Electrical Engineering (NEITE), paper id:1.5, Power Electronics, School of Electrical Engineering, Vignan’s University, 27-28 September 2013.
- G V Prasanna Anjaneyulu, Abdul Kalam Shaik “Power Quality improvement using 3 & 5 multi-level STATCOM ” National conference on Emerging and Innovative Trends in Electrical Engineering (NEITE), paper id:2.7, Power Engineering, School of Electrical Engineering, Vignan’s University, 27-28 September 2013.
- G V Prasanna Anjaneyulu, Abdul Kalam Shaik “Design and performance of a Bidirectional isolated DC-DC converter for Renewable Power System”, International Conference on Electrical Engineering (ICEE - 2013) 6th – 7th July 2013, Hyderabad, India., pp:12-18.
- A workshop on ROBOTICS by TECHOFEEST Systems Bombay was conducted on 3rd and 4th October 2012 for 3rd year ECE students. Sixty students attended the workshop. **M.V.Subbarao, D.Sudha Rani, Ch. Priyanka** “Time-Frequency Analysis of Non-Stationary Signals using Improved S-Transform” National Conference on Emerging Technologies & Tools in Mobile Phone Applications Organized by Annamacharya Institute of Technology & Sciences, Hyderabad.
- **M.V.Subbarao, D.Sudha Rani, Ch. Priyanka** “Time-Frequency Analysis of Non-Stationary Signals using Improved S-Transform” National Conference on Emerging Trends in Electrical Engg. & Communications (ETEC-2012) organized by St. Ann’s College of Engineering & Technology, Chirala, A.P.
- **M.V.Subbarao, Ch. Priyanka, D.Sudha Rani** “Time-Frequency Analysis of Non-Stationary Power Quality Signals” IEEE Students Conference on “Recent Trends in Electrical & Electronics Engineering” organized by Gitam University.

WORKSHOPS ATTENDED

- **Mr. D.Mahesh** Asst. Professor attended a six-day training program in EDC organized at St.Anns college of Engineering, Chirala.

JOURNAL REVIEWER

- **Mr. Jagadeesh Thati** has appointed as a *Reviewer* for “INTERNATIONAL JOURNAL OF SCIENTIFIC ENGINEERING AND TECHNOLOGY (ISSN:2277-1581)”
- **Mr. Jagadeesh Thati** has appointed as a *Reviewer* for “INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH AND TECHNOLOGY (ISSN:2278-0181)”
- **Mr. Jagadeesh Thati** has appointed as a *Board Member* for “INTERNATIONAL JOURNAL OF ENGINEERING TRENDS AND TECHNOLOGY (ISSN:2231-5381)”

INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS (IETE)

Tirumala Engineering College has Inaugurated IETE student forum on 6-2-2013. For this event, we invited Dr. M Kamaraju, Professor and HOD of ECE department in Gudlavalluru Engineering College as chief guest. He said that he is very happy for organizing this event in our college on the occasion of 60 years of IETE establishment. Eight of our faculty members has enrolled in IETE and encouraged our students to join in IETE so that they can publish papers and can go for any sort of seminars and research work and they can improve their knowledge technically.



COMPUTER SOCIETY OF INDIA (CSI)

Tirumala Engineering College has inaugurated Computer Society of India (CSI) student branch on 7/3/2013. For making this event grant we invited Dr. M V P Chandra Sekhararao, CSI Life Member and Professor in RVR & JC college of Engineering. A sum of 80 student's and 10 faculty members has been enrolled in CSI. Mr. Srikanth has been appointed as a Student branch Counselor (SBC). Our students has participated in CSI 48th annual convention of (CSI-2013), vizag.



INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE)

Tirumala Engineering College has inaugurated IEEE student forum by Dr. Sushma, HOD of EEE department in JNT University on 27/2/2013. Students who have doubts in development of their technical skills can clarify them by holding membership in IEEE. They can share their technical knowledge with others and improve their practical knowledge.



INDIANA SOCIETY TECHNICAL EDUCATION (ISTE)

Tirumala Engineering College has Inaugurated ISTE student forum on 16-02-2013. We invited Dr. E Srinvas Reddy, Principal of Acharaya Nagarjuna University as chief guest. He gave some techniques to our students to develop in their technical and personal life. He also mentioned that of they got membership in this forum students will get a special preference in their future studies and in jobs.

IEI

Tirumala Engineering College has Inaugurated IEI student forum on We invited Dr. Naveen Ravelaas chief guest. He gave some techniques to our students to develop in their technical and personal life. He also mentioned that of they got membership in this forum students will get a special preference in their future studies and in jobs.



WORKSHOPS AND SEMINARS GALORE

- Two days work shop was conducted for 3rd year students on “**ROBOTICS by TECHNEST SYSTEMS**”, Mumbai on 3rd and 4th October 2012.
- Two days work shop was conducted for 2nd year students on **PCB design by “INDO GLOBAL SERVICES”**, Hyderabad on 6th and 7th of January 2013.

Guest Lectures:

ECE:

- Guest Lecture by Dr. T. Rangababu, Professor, Dept. of ECE ,RVRJC college of Engg, Guntur has been arranged on 13-09-2012 on the topic “ **Challenges to Electronic Engineers in Present technological developments**” .
- Guest Lecture by Dr.V.Anil Kumar, Asst.Professor, IIIT Hyderabad, has been arranged on 04-07-2013 on the topic “**AUTOMATIC SPEAKER RECONGNITION**”.
- Guest Lecture by Mr.K.Prakash, PhD Scholar IIS Bangalore, has been arranged on 23-07-2013 on the topic “**NANOELECTRONICS**”.



CSE:

- Guest Lecture by Dr. M.V.P. Chandra Sekhara Rao, Professor, CSE Department ,RVRJC college of Engg, Guntur has been arranged on 07-03-2013 on the topic “**BIG DATA**” .
- Guest Lecture by DR. V. Krishna Reddy, Professor, Dept of IT, LBR college of Engg, Mylavaram has been arranged on 10-10-2012 on the topic “**Cloud Computing**”.

MECH:

- Guest Lecture by MR. D.SRINIVASULU, Associate Professor, KHIT, Guntur has been arranged on 09, 16 &19/03/2013 on the topic “**Design of Machine Members-II**”.
- Guest Lecture by Mr.D.V.SIVAREDDY, Asst.professor, MIC, Vijayawada has been arranged on 03 &15/03/2013, on the topic “**Thermal Engineering –I**”.

CIVIL:

- Guest Lecture by Mr.Swaroop, Assoc.Professor, Dept. of Civil, Gudlavalleru engineering college, Krishna District , on the topic “**Structural Analydid-I**”.
- Guest Lecture by Mr.Kodandaram, Professor(HOD), Dept. of Civil, Gudlavalleru engineering college, Krishna District , on the topic “**Reinforced cement concret-I**”.
- Guest Lecture by Mr.Kodandaram, Professor (HOD), Dept. of Civil, Gudlavalleru engineering college, Krishna District, on the topic “**Strength of Materials**”.
- Guest Lecture by Dr.Ravi Kumar, Professor (HOD), Dept. of Civil, Hindu Degree College, Krishna District, on the topic “**Geology lab**”.

EEE

- Guest Lecture by Y SREENIVASA RAO From K L UNIVERSITY, Dept. of EEE, on the topic “**NON CONVENTIONAL SOUCES OF ENERGY (WIND & SOLAR)**”.
- Guest Lecture by K M S N KRISHNA From K L UNIVERSITY, Dept. of EEE, on the topic “**MATLAB AND SIMULINK AND APPLICATIONS IN ELECTRICAL ENGINEERING**”.
- Guest Lecture by K BHAVANA From P.V.P SIDDHARTHA INSTITUTE OF TECHNOLOGY, Dept. of EEE, on the topic “**POWER ELCTRONIC CONVERTERS &APPLICATIONS**”.
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FDP's:

- Conducted Faculty Development program (FDP) on 06/09/2012. The focus of the workshop is to develop English teaching strategies. The program is meant exclusively for English teachers of engineering colleges. The former professor, V Prakasam, EFLU, former Head of Department of English, Andhra Loyola College, Vijayawada, and Giriji Nambiar from Maris Stella, Vijayawada acted as resource persons.

Teachers' Day

Teachers' Day was celebrated by the staff and students combinedly in the college premises on 5-10-2013. Dr. S. Radha Krishnan's services to the nation, international diplomacy and academics were recalled at the meeting. Principal Dr. Y.V. Narayana, and a host of students and teachers spoke about the contribution of teachers to nation building. On the occasion five teachers of the college were given best teacher awards.

Research and development Cell

Research and development cell was initiated in the college in the **year 2012 on 14th of November** to encourage research activities in the campus. A committee headed by the respected Principal of the college Dr. Y.V.Narayana supported by Dr.T.Kiran Kumar , Mr.Jagadeesh and other faculty members was formed on the day to enhance research activities among faculty members and students. The cell consists of 38 computers with latest configuration, all provided with high speed internet. Experienced faculty members are always available at the cell to encourage and

guide the faculty and interested students to publish their research work in reputed journals. The cell maintains the publications of the students and faculty for further reference.

A variety of material inputs enriched with latest publications, National and International level magazines, e-journals, CD's consisting of speeches, presentations by renowned IIT professors and eminent scientists are made available in the cell to help germination of fresh thinking and novel concepts. The cell also conducts different programs to make the students aware of the latest research activities of interest which gives an exposure on requirements of the industry in the campus. Students are motivated to their project work in the campus with the help of eminent teachers available in the campus. They are encouraged to do projects in par with the latest research going on.

The research and development has succeeded in motivating the faculty and students in publishing their research work in reputed journals. It is expected that the activities and publications in the college will increase exponentially in a very short time. The results obtained here will become inputs to many industries which will definitely attract different industries to collaborate and support research activities in our college.

E-PLUS CLUB

The EPLUS Club is exclusively a student run club under the combined supervision of the hindu officials and our English faculty. Its purpose is to impact communication skills in the students not through continous learning in formal way but in an informal and enjoyable manner. It started in TEC on 4th September 2012. The co-ordinator of this club in the beginning was D.Madhan Mohan, placement officer and honorary professor L.Satyanarayana sir.

This E-Plus activity is a sort of get together to communicate with each other. the students whoare interested in this e-plus club activity, have to register their names in The Hindu. In the year 2012, approximately 400 students registered their names they were divided in to groups. Each group consists of 24 to 30 students. The registered students participated in district level competitions held at Siddhartha academy ,vijayawad.

PLACEMENT DETAILS OF 2012-13

As we have been proving our dynamism and Excellency in all aspects relating to academics, we have also reached a milestone in providing the placements to our beloved students too. We are utterly proud to say that a good number of companies have visited our prestigious institution to hire the students hoping that the level of our student's knowledge is will be the perfect match for their company needs. Our well groomed students reached their expectations and came out with many Offer Letters at all levels.

This is the list of companies visited our college in the academic year 2012-13

S.No	Name of the Company	Designation	salary	No of Selected students
1	Micro Root	Trainee Software Engineer	3 Lakhs P.A	19
2	SLN Enterprises	Net Work officers	1.8 Lakhs P.A	21

3	Victorian Systems	Trainee Software Engineer	1.8 Lakhs P.A	10
4	Aspin Software Solutions	Trainee Software Engineer	2.75 Lakhs P.A	13
5	ITEH Vardhan	Trainee Software Engineer	1.8 Lakhs P.A	8
6	EXL Infotel	Trainee Site Engineer	3.lakh P.A	37
7	IIT Labs	Associate ENGINEER	1.8 Lakhs P.A	5
8	ISS Integrated Services	Trainee Service Executive	1.2 Lakh P.A	30
9.	Accenture	Service Desk Manager	1.8Lakh P.A	15



NSS Camp

The NSS unit of Tirumala Engineering College is holding its rural camp in Satuluru village for 7 days informs project officer Sri. V. Hanumantha Rao.

“ It is a sin if you think you are weak” - Swami Vivekananda

“Life is a daring adventure or nothing ” - Helen Keller

“Dare to dream, care to achieve”- Anonymous

“A boss says, “Go”; a leader says “Let us go”. ” - M.Kelley

“Work is the language of the wise, complaint is the language of the fools ” – Edmund Burke

“Laugh, and the world laughs with you; weep, and you weep alone” – Charles Lamb

Upgrade your personality

Most of our ills and troubles in personal life or career may be traced back to our inability to change our mindset and our behaviour,









Rally in support of samaikyandhra

