



# TEC PANORAMA

Campus News Letter

**TIRUMALA ENGINEERING COLLEGE**

(Approved by AICTE, New Delhi & Affiliated to JNTU, Kakinada)

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## EDITORIAL

TEC PANORAMA, the campus letter, it is the brainchild of our founder Principal. We are extremely happy to release the 8<sup>th</sup> issue of the college news letter.

A campus letter isn't a mere letter. It's an excellence of the college, in addition to a mirror reflecting campus Curricular and co-curricular activities. It also connects with the global technologically advanced instructional way of rapport between the teacher and the taught. It provides an impetus to you to do something noteworthy and stand out amongst others. It is also predictive of occasions around the corner. In brief, it's far many-in-one. The letter will be brought out twice a year. Efforts will be made to make quality of excellence of the college.

*- Editor-in-chief*

## Message

**Dr.Y.V.Narayana**  
Principal, TEC



It is a great privilege to me to preside over the heritage of Tirumala Engineering College. Being a founder principal it would be my responsibility to break paths. The institution had reached the zenith of its glory. The management is very much happy and receptive to

innovative ideas and responsive to the needs of the staff and the student community. The college has been made for importing communicative and soft skills for the students. We maintain the excellent track record of the faculty in the college. Commuting staff provided with a free lift in the brand new buses of the college. As part of the college there is a girls hostel in the college campus with sophisticated facilities.

There are separate play fields for boys and girls. Newly made basket ball court which is worth of Rs.9,00,000, and variety of indoor games is made accessible. There are ball rolling measures to ensure student participation and involvement in curricular and co-curricular programmes. Interactive session between teacher and taught are held periodically for each branch, where the participants can open up their minds. There are excellent counselors of every branch for their academic and psychological remedies to guide the student in a right path.

I am extremely happy about the cooperation extended by the management, staff and students. The yearly campus news letter is meant to be conduit of information. This will be giving you an insight into the campus programmes. I earnestly believe that this institution will achieve several brake throughs in its march of





## VISION

To be a world class leader in transforming lives through an innovative, rigorous and compassionate approach by imparting high quality academic excellence in technical education to uplift the living standards of the rural youth by promoting the cutting edge technologies, employability, higher education and research with socio-ethical, eco-friendly and entrepreneurial values.



## MISSION

To develop high quality technical personnel with a sound footing on basic engineering principles, innovative research capabilities and exemplary professional conduct to lead and to use technology for the progress of mankind, training and adepting them to changing technological environment by providing the high quality instruction, infra, faculty, effective teaching and learning methods imbuing socio-ethical, eco-friendly and entrepreneurial values as the inner strength for rural development.



## QUALITY POLICY

***We, at Tirumala Engineering College, Strongly believe that Quality is the essence of life. Hence, TEC will constantly strive to improve the quality of education and training imparted to its students by establishing state-of-the-art laboratories and modernizing them continually, upgrading the knowledge and skills of its staff periodically and developing strong linkages with industry.***

## Skills and Values

**Sri.Ravela Satyanarayana**  
Secretary & Correspondent, TEC

Once a dry and bleak area, Narasaraopet Division has transformed itself into a vast lush green landscape. 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 State Highway. Bestriding a green stretch of 16 acres, it looks like a milky pearl placed on a lustrous green leaf. It bewitches you to stop and stare.



## A Repayment of Gratitude

**Sri. Bolla Brahma Naidu**  
Chairman, TEC



It is extremely gratifying that Tirumala Engineering College has been the most favoured 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. 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 Pvt. Ltd., a dairy venture of ours which has its network crisscrossing 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 JNTU, Kakinada for according permission to open the Institute.

What primarily defines an Institute is neither the majesty of its structures nor the sophisticated machinery. What really matters is the quality of the Faculty and the intellectual stuff of the students. The latter 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 help themselves.

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

Success doesn't come to you, you go to it.

## **FACULTY ACHIEVEMENTS**

### **PUBLICATIONS**

Dr.T.K.Kiran kumar has published Paper on Aerosol climatology over an urban site, Tirupati (India) derived from columnar and surface measurements: First time results obtained from a 30- day campaign, Journal of Atmospheric and Solar-Terrestrial Physics, doi:10.1016/j.jastp.2011.03.015.

G.Srinivasa rao has published paper on A Study on Structure of Elements on Po-Ternary Semi-ring, Accepted in American Journal of Mathematics and Mathematical Sciences, Vol.4, No.1 (Jan-June, 2015).

A.Savithri published research article in the international journal of English language,literature and translation studies(IJELR) ON THE TOPIC ‘WILLIAM Darlymple and his new historical perspections reflected in the novel’ city of djinns’

K.Lakshmi published a paper on synthesis,characterization and pharmacological evaluation of some 1,4-dihydro pyridine derivatives’ journal od chemical and pharmaceutical research.7(10)980-987,2015.

V.Ratna kumari published a paper on ‘A Structural compendium on perceptual displays & Role of Indian Women in Tourism Industry’.

Mr. V.V. Kondaiah Published a paper titled “Parameter estimation of solid cylindrical electromagnetic actuator using RBF neural networks “in Springer journal of lecture notes in electrical engineering.(2015)

G.V. Prasanna Anjaneyulu, Dr. P. Sangameswara Raju “*Improvement of the Voltage Stability in the Thirty Bus System Employing Wind Generation using UPQC*” International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 17 (2015) pp 37373-37378.

Mr.R.Lalu Naik has published paper entitled “TOWARDS SECURE QUANTUM KEY DISTRIBUTION PROTOCOL FOR WIRELESS LANS-HYBRID APPROACH” published in SPRINGER JOURNAL-2015.

Ms.D.Komali has published paper entitled “multi-farious info covering up in view of vq com-squeeze`d pictures” in IJCEACE (international journal of computers electrical &advanced comm-engg) volume-1,issuse -8,pp:92-98 in dec-2015.

**BOOK PUBLICATION** : Jagadeesh Thati, ”DIGITAL IMAGE PROCESSING”, SK Publishers,1<sup>st</sup> Edition ,2015.

**.Srikanth Yadav.M , “Dynamic approach for Intrusion Detection System under weka environment using Data mining techniques” IJRTET- Vol VI Issue IV - Nov, 2015, ISSN: 2371-xx78**

**V.AJAY KUMAR :** LINEAR MULTI USER DETECTION FOR SYNCHRONOUS DS-CDMA SYSTEMS(IJRTET/V-1,ISSUE-1/AUGUST 2015.

NONLINEAR AMPLIFIER DISTORTIONS IN DS-CDMA SYSTEMS (IJRTET/VOL-6/ISSUE-3/NOV-2015

Jagadeesh Thati, Ch Eswar Kumar, Y. V. Narayana, ” Fusion of Multiple Sensors by Exploiting their Joint Properties”, *e-Journal of Science & Technology (e-JST)*, VOLUME NO: 9, ISSUE: 2, pg.no.64-75

### **PAPERS PRESENTED**

B.Narayana presented a paper on’ communication competence through technology at the international and interdisciplinary conference on language,literature cultural studies and knowledge resources’ held at vignan university,vadlamudi on 5<sup>th</sup> and 6<sup>th</sup> feb 2015.

Sk.Vali basha presented a paper on the representaion of youth’s problems in chetan bhagat’s five point someone’ in jan 2015 in nagarjuna university.

P.Thomasaiah presented a paper in international conference on ‘The use of audio visual aids in the teaching of communication skills’ on 5<sup>th</sup> feb 2015.

Mr. V.V. Kondaiah Presented a paper titled “estimation of loss factor and system parameters of active magnetic thrust bearing using RBF neural networks and differential evaluation “in international conference WCI-2015 ,IIT KANPUR (2015)

### **WORK SHOPS CONDUCTED**

Dept of ECE: CONDUCTED WORKSHOP ON “**PCB DESIGN**” FOR II/IV B.TECH ECE STUDENTS ON 4<sup>th</sup> & 5<sup>th</sup> MARCH 2016.

Generator design & scope of electrical engineer in core sector inside india and abroad -2015

Dept of MECH Conducted "A two day national level workshop on recent trends in mechanical engineering"

**Prof..E.V.Reddy** has given a seminar on HADOOP/BIGDATA on 19-08-2015.

Dr.PADMAJA,PROF,IN VR SIDDHARTHA ENGG. COLLEGE HAS GIVEN A LECTURE ON "ADVANCES IN MICROPROCESSORS AND MICRO CONTROLLERS" ON 7-4-2015.

WORKSHOP CONDUCTED ON "ANDROID APPLICATIONS" FOR III/IV B.TECH ECE STUDENTS.  
**CAD, STAAD PRO, TOTAL STATION**

WORKSHOP CONDUCTED ON "**CAD, STAAD PRO, TOTAL STATION**" FOR III/IV B.TECH CIVIL STUDENTS.

### **SEMINARS/WORK SHOPS ATTENDED**

**Mr.T.Narendrababu** : Participated two week ISTE STTP ON "Introduction to Design of Algorithms" conducted by IITKHARAGPUR from 27-04-2015 to 25-05-2015 at Gudlavalleru engg college.

2. WORKSHOP ON "MATLAB AND SIMULINK" IN TIRUMALA ENGG. COLLEGE,JONNALAGADDA ON 26-6-2015 ORGANIZED BY DEPT. OF ECE.

#### **CH.PAPA RAO**

1.WORKSHOP ON IPR&PATENTS IN MALINENI PERUMALLU EDUCATIONAL SOCIETIES,GUNTUR ON 17-7-2015

2. WORKSHOP ON "MATLAB AND SIMULINK" IN TIRUMALA ENGG. COLLEGE,JONNALAGADDA ON 26-6-2015

#### **Ms.NASREEN**

1.WORKSHOP ON MATLAB IN VIGNAN'S NIRULA INST OF TECHNOLOGY AND SCIENCES FOR WOMEN

2. WORKSHOP ON "MATLAB AND SIMULINK" IN TIRUMALA ENGG. COLLEGE,JONNALAGADDA ON 26-6-2015.

#### **V.AJAY KUAMR**

1. WORKSHOP ON "MATLAB AND SIMULINK" IN TIRUMALA ENGG. COLLEGE,JONNALAGADDA ON 26-6-2015.

#### **A.SRINIVASA RAO**

1.ONE WEEK STC ON "EDA TOOLS AND DESIGN METHODOLOGIES IN VLSI & COMMUNICATION SYSTEMS(ETVCS-15)" DURING JUNE 12-16,2015 ORGANIZED BY DEPT.OF ECE UNDER TEQIP-II AT NIT-HAMIRPUR

G.Gurunadham attended a four day International seminar on employee welfare measures,morale and job satisfaction : An indispensable link,organized by Dept of HRM,ANU,Guntur in 2015.

B.Suneetha attended workshop on 'DELNET' in vignan university in oct 2015.

T.Bhagya lakshmi attended workshop on 'DELNET' in vignan university in oct 2015.

### **FACULTY DEVELOPMENT PROGRAMME**

**Dept of ECE** : CONDUCTED "A TWO DAY FACULTY DEVELOPMENT PROGRAM ON MODELLING SIMULATION (MATLAB & SIMULINK)" ON 26<sup>th</sup> & 27<sup>th</sup>JUNE 2015.

**Dept of ECE organized** : ONE WEEK STC ON "EDA TOOLS AND DESIGN METHODOLOGIES IN VLSI & COMMUNICATION SYSTEMS(ETVCS-15)" DURING JUNE 12-16,2015. ECE UNDER TEQIP-II AT NIT-HAMIRPUR.

**Dept of ECE organized:** "MATLAB AND SIMULINK" IN TIRUMALA ENGG. COLLEGE, JONNALAGADDA ON 26-6-2015.

**Tirumala Engineering College** Conducted A One week "INSTRUCTIONAL DESIGN AND DELIVERY SYSTEMS" in 2016.

### **SPECIFIC ACHIEVEMENTS**

**Mr.G.V.Siva Prasad**

Asst Prof, Dept of AS&H has qualified APSET

**Mr G.Gurunadham**

Asst Prof, Dept of AS&H has qualified UGC-NET

**Mrs A.Savithri**

Asst Prof ,Dept of AS&H has qualified SLET

**Mrs.K.Lak shmi**

Asst Prof ,Dept of AS&H got Gold Medal in Post Graduation

**Mr.T.Narendrababu**

Asst Prof ,Dept of CSE has qualified APSET

**Mr.SK .Rafi**

Asst Prof , Dept of CSE got Gold Medal in Post Graduation.

## **BEST TEACHER AWARDS**

**Tirumala Engineering College** is having the tradition of honoring the best teacher, on the eve of “Teacher’s Day” Celebration, in every academic year on 5<sup>th</sup> Set. Along with award Rs 2000 is given as cash prize for the awardy.

**Mr. M SRIKANTH YADAV**

Assoc Prof, Dept of CSE

**Mrs. CH.V.L. PADMAVATHI**

Asst Prof, Dept of AS&H

**Mr. K.GOPI KRISHNA**

Asst Prof, Dept of EEE

## **PhDs IN VARIOUS DEPARTMENTS**

ECE: 1. Dr.M.MAHESH

B.E M.Tech. PhD

2.Dr.M.VENU GOPALA RAO

IETE. M.Tech. PhD

3.Dr.B.VANAJAKSHI

B.E M.Tech. PhD

CSE: 1. Dr. B.BHANU PRAKASH

B.E M.Tech. PhD

2. Dr. R.GANDHI RAJA

B.E M.E PhD

ME: 1. Dr.K.R.MOHAN REDDY

M.Tech. PhD

AS&H: 1. Dr.N.SRINIVASA RAO

MSc. MPhil. Ph.D

2. Dr.T.KIRAN KUMAR

MSc. PhD

3. Dr.N.VIJAYA

MSc. MPhil. PhD

4. Dr.G.SRINIVASA RAO

MPhil. Ph.D

## **BLOOD DONATION CAMP**

Tirumala Engineering College had conducted a “Blood Donation Camp” in association with “RED CROSS SOCIETY INDIA” Narasaraopet on 25/02/2016. As many as 350 blood samples were collected from staff and students for the purpose of saving the life our fellow being in the society. Mr.R.Satyanarayana, Secretary and Correspondent, Tirumala Engineering College offered mementos to the crew of the RED CROSS SOCIETY members. Principal Dr.Y.V.Narayana thanked the Dept of Mechanical Engineering for supporting and organizing the Blood Camp.





## **LIVE PROJECTS**

**DEPT of EEE** : Encouraged the students for doing Live Projects by IV/IV Students Installed inside Tirumala Engineering College Campus.

IMPLIMENTATION OF SOLAR TREE BY STAND ALONE SYSTEM

A STAND ALONE SOLAR SYSTEM

## **NATIONAL SERVICE SCHEME UNIT**

The NSS Special camp had been conducted for 7 days starting form 22-03-2016 to 28-03-2016 in the village of Ponugupadu. A major panchayat in phirangipuram Mandal, Guntur District. The venue was choosen in prior consent from the principal Dr.Y.V.Narayana and the village Sarpanch Sri.Vankayalapati Madhava Rao.

NSS PHOTOS : 2016







### **SUJALAM SUPALAM**

Tirumala Engineering College had conducted “Sujalam Supalam” Programme under the guidance of the Enaadu Press in the College Campus on 02/05/2016. Slogans were pronounced as “Save Water”, “Save Life”. All the staff and students participated with more Enthusiasm. In the campus itself there were 3-4 “Inncuduguntalu” made by staff and students for saving the water in the campus.







**SWACHH BHARAT**

Tirumala Engineering College had Conducted “SWACHH BHARATH” Programme in the college campus on 02/05/2016. To be aware of our surroundings and make campus clean and green and healthy atmosphere in the college all the staff and students participated in the programme.







Dept of EEE : Live Project Photos - 2016







Dept of MECH : FDP Photos 2016







College Photos 2016













