

TEC NEWS LETTER -SEPTEMBER 2018 to SEPTEMBER 2019

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Management's View



"Success is sweet but its secret is sweat"

Sri. B. Brahmanaidu.

Chairman -TEC

There is no substitute for **hard work**. We firmly believe in and implement this axiom since the beginning. Our dream of establishing a technical institution in this region where so many students can be provided an opportunity to get education has been fulfilled **11** years ago. However, our vision since the inception is not only imparting knowledge and values in the younger minds but to convert the normal rural folk into a matured human, above all to make them employed and self reliant.

We felt overwhelmed to know that our students are supporting to accomplish our vision in the form of impeccable academic records, spirited participation in sports, spell bound endeavors in cultural and imposing placements every year. Dedication of the students, commitment of the faculty members and sublime administrative ability of the Principal played a vital role in elevating the institution's level. In this august occasion, I would like to appreciate the efforts of all the TEC family and convey my best wishes to students.



Rome was not built in a day'

Sri.Battini Nageswara Rao

Vice Chairman- TEC

I have seen two generations in which students would struggle to get education, strove hard to obtain sources of knowledge where they left with the exclusive source .i.e. 'Teacher' and a different generation altogether where students are provided with multiple sources to get both education and gain knowledge. It gives me immense pleasure to be a witness for these two scenarios. Personally, I'm fortunate enough to be in a stature that I can put in efforts in an academic institution which can help many a student to carve their careers. I appreciate every individual soul who made our vision possible. Best wishes to all the faculty and students for their marvellous accomplishments.



“Never limit your challenges but challenge your limits”

Sri. R. Satyanarayana

Secretary & Correspondent-TEC

It's a well known fact that any institution in its inception will carry myriad dreams besides challenges. We are extremely glad and proud to inform you that whatever the plans we framed, dreams carried through and challenges faced, at the beginning of this institution, achieved all with commitment and excellence. Can an institution in a remote rural region achieve anything?..Was the question in so many minds at the time of establishment. But we answered all with our incredible accomplishments year by year.

Within the span of 11 years, in and around **Palnadu** region, ours is the only institution which got accreditations of both **NAAC & NBA**. Organizing an **International Conference** in this year in our campus is another feather on **TEC's** cap. It is really a proud moment to all. In this mirthful moment my heartfelt thanks to everyone who has given their contribution in the successful itinerary of our institution.



Achievers don't do different things, they do things differently.

Sri.Danda Brahmanandam

Treasurer- TEC

What you do does n't matter but the way you do matters. Since the inception TEC has been executing the same. The institution is as typical as any other institution could be in the beginning. However, it turned out as an exemplary to so many now. It's really a proud moment, is n't it? Will it be a hyperbole to say that TEC has brought 'Renaissance' in engineering education? Perhaps, it won't. The reason is of course familiar. Ideal planning and impeccable execution made it possible. The journey from nowhere to a milestone of organizing international conference is simply noteworthy.

Congratulations to all the achievers and wish TEC sustains all its ideals.



The ships in harbor are safe, but that is not ships are built for...

Dr.Y.V.Narayana

Founder Principal-TEC

“A dream doesn’t become reality through magic; it takes sweat, perseverance and hard work”. Not only being the founder Principal of this college, but as a person of **29** years’ comprehensive experience, in which where I executed various responsibilities as a teacher, engineer, researcher and an administrator, always believed that “**Discipline is the bridge between the goals and achievement**’. I feel as an honour to bring forward the remarkable attainments of us with this “News Letter”.

You have been the **witness** of TEC’s triumph for these years. I never hesitate to announce that our institution has been instilled by the same principle since the inception. As an outcome of the above TEC turned out as the centre for district top rankers in academics, lion’s share holders in university sports team, spell bound performers in cultural and last but not the least impressive placement holders in various companies including **MNCS**.

Indian Engineering, unfortunately, keeps its focus on theoretical knowledge mostly rather practical. The reasons for the above mentioned situation perhaps an enormous increase in the number of engineering colleges and the scarcity of people who provide essential concepts of engineering to the students. Hence I feel that there is a necessity of introducing practical and conceptual input to the students in engineering. It’s a proud moment to state that the students of **TEC** are provided practical and outcome based education.

To support the updated teaching strategies and techniques we, with the tremendous support of our honourable management, organized the **1st** international Conference: *Technologically Emerging Challenges* in this year. Renowned experts Dr. Syed Ziaur Rahman and Dr. Salman Abdul Moiz graced the occasion with their invaluable presence and helped the institution to get a lot of revenue; not in the form of money but in knowledge.

To promote the vision of central government the skill development centre has been established in our college. As a part of it we feel proud to deliver that **2284** students got certified in various **SIP** certification programmes. **84** of our faculty members participated in various **faculty improvement programmes**. We are very happy to share

that we have collaborated with **IUCEE (Indo Universal collaboration of Engineering Education)** in association with **APSSDC**. Besides we were sanctioned **Chief Minister Skill Excellence Centre** with an infrastructure of **37 laptops**. To add one more feather in our accomplishments we were conferred **Centre of Excellence Award from Govt. of India** for promoting skill development and entrepreneurship. Apart from these we wish to share that our institution got **DELL EMC-centre of excellence award by vice chairman-AICTE**. We have signed an **MOU** with **GC German Center for Engineering and Management Studies UG Aachen** and **European Center for Mechatronics APS GmbH Aachen** in association with **APSSDC** to establish **Applied Robotic control lab**. Besides these, we were sanctioned **40lakhs** funded **project** by **PMKVY, ministry of skill development, GOVT OF INDIA**.

In this joyful moment, I wish to convey my sincere thanks to the support extended by our beloved management, appreciate the commitment of all the **HODS**, staff and perseverance of students for their tremendous effort. I strongly believe that our institution will reach to the zenith in its upcoming endeavours and sincerely pray the almighty to bestow his immense shower of blessings on our institution.

‘The most important thing in communication is hearing what is not said’

B.Yaswanth Raju

Communication Skills Trainer-TEC

Editorial: Time and tide waits for none. One should n’t let those wait. In other words, that’s what we did .The leaflet that you are going through now is the dossier of TEC’s effective time management in an academic year. It brings to you the conglomeration of skill set in students, devoted contribution of the faculty to their profession and astounding support of the distinguished management and last but not the least the magnanimous administrative ability of the Principal. To put it more lucidly the news letter is the comprehensive information of an academic institution’s contribution towards fabricating a better society. Give us a student, we’ll transform him as an ideal citizen. Hope you are eager to find all these niceties...ok cross the threshold and relish....

The pride of our institution

Our beloved and honourable Principal **Dr.Y.V.Narayana**, receiving Centre of Excellence Award from, Dr.Satya Paul Singh, Govt. of India, for promoting skill development and entrepreneurship in A.P on 23-01-2018 in New Delhi



Another feather in our cap

- ❖ Our beloved Principal Dr.Y.V.Narayana with a motto of augmenting the standards of TEC to international levels went to **GERMANY** and signed an **MOU** with GC German Center for Engineering and Management Studies UG Aachen and **European Center for Mechatronics**, on 15-02-2019.



INTERNATIONAL CONFERENCE

- Conducted an International Conference On Technological Emerging Challenges-(ICTEC-19) on March 15th & 16th, 2019 .
- Renowned experts Dr. Syed Ziaur Rahman and Dr. Salman Abdul Moiz graced the occasion with their invaluable presence



Distinguished Talks

Organized Guest lecture on “Digital Image processing through Machine learning” by—
Mr.K.Chiranjeevi, Associate Professor, GMRIT

Organized Guest lecture on “industrial needs for software” by -Mr.N.POTHU RAJU,— software
developer, IBM

Organized Guest lecture on “Latest Trends in IT” for II BTech students by Prof Sudhakar
Challapalli ,CEO,Raskey Software Solutions, Hyderabad



Responsibility towards society

Despite the hectic academic schedule our staff & students never forget their responsibility towards the society. Enrolling themselves as volunteers in NSS they contribute and render their services.

2K. WALK to promote “Kotappa Konda” hill festival



Sankranti Sambaralu-As a part of respecting culture and tradition of our state



Plantation event on the eve of Independence Day by Management, Principal & Staff



INDUSTRIAL VISITS:

- Organized Industrial Tour for II years” at Doordarshan”, Vijayawada
- Organized Industrial Tour for III years” at SHAR



- III year EEE STUDENTS visited 0.65 mini hydel plant , Muppala to get practical exposure.



Faculty Achievements: Faculty of TEC plays an exemplary role to students by qualifying in various national level exams.

- Mr.T.Narendra Babu, dept of CSE , Mr. Ch.Rajesh, dept of T&P got qualified in National Eligibility Test (NET)-2018



Best Teacher Awards 2018-19

TEC appreciates the efforts of the faculty from various departments every year by conferring **Best Teacher Awards** on **5th September**.



EXTRA CURRICULAR ACTIVITIES:

To provide recreation to staff and students sports, games and cultural activities will be conducted in regular occasions.



STUDENT 'S ACHIEVEMENTS:

- K. BHARGAVI received 1st prize in District level YOUTH TALK.



FACULTY DEVELOPMENT PROGRAMS



- Organized A ONE WEEK National Level Faculty Development Programme on “VLSI– FinFET” by Dr.Ravindra Kumar Selvaraj, B.E., M.Tech., Ph.D, Founder & Director IIRD Automations on 13/11/2018 to 19/11/2018
- Organized A Five Day National Level Faculty Development Program on “Machine Learning Strategies with R & Python” by Prof.C Sudakar, CEO, Raskey Software Solutions,Hyd and Mr N Koushik, Co Founder of Intellisnap System, Hyderabad from 06/08/2018 to 10/08/2018



To create an awareness on the significance of **library** we conducted a National Seminar on ‘Managing the libraries in digital era’



GATE RANKERS IN 2018-19

It is well known that GATE is the diagnosis test to check the knowledge level of an engineering student. We feel proud to share that every year our students get qualify in this prestigious examination.

PRAGATHI SRI LAKSHMI, SCORE-311

PATAN KHAJA SHAREEF, SCORE-395

G. SRI HIMAJA, SCORE-365

P. MOUNISH SAI TEJA, SCORE-265



GRADUATION DAY

On behalf of TECHLON, we conducted **GRADUATION DAY** on 30/3/2019 and handed out Course completion certificates for the final year students



Moment of Joy and Pride for students



ENTREPRENEURSHIP AWARENESS CAMP (EAC) AT A GLANCE

As a part of making the student self reliant and to promote entrepreneurship qualities among students, an incubation centre has been inaugurated by -Project Director & Member secretary DST-NIMAT project, entrepreneurship development institute of India ,Sri.S.B.Sareen. The cell organizes various programmes in regular occasions.



Paper Publications by Faculty

- Dr.Bhanu Prakash , dept of CSE, published a paper titled “A Framework for Agent Based Detection and Prevention of DDoS Attacks in Distributed P2P Networks SMARTTECH “in the International Journal named “Springer “.
- Mr.M.Srikanth Yadav dept of CSE published a paper titled,” Performance Analysis of Misuse Attack Data Using Data Mining Classifiers” in the International Journal named “ International Journal of Engineering and Technology ” (IJET-UAE)
- Mr. G.V. Prasanna Anjaneyulu dept of EEE published a paper titled,” Steady State Comparative Performance Analysis of ILBC-UPQC system with PI and PR Controllers” in IJRAT
- SHAIK .A. JOHNY BEGAM dept of EEE published a paper titled,” DESIGN OF SMART WASHROOM SYSTEM FOR CLEAN AND GREEN ENVIRONMENT” in IJRAT
- Mr.K.Seshagiri rao dept of EEE published a paper titled,” MODELLING OF MPPT BASED PV SYSTEM FOR SMALL SCALE UTILITY GRID CONNECTED SYSTEM” in IJRAT
- SK.Abdul kalam dept of EEE published a paper titled,” Implementation of uncoordinated &coordinated charging of electric vehicles in residential” in IJRAT
- Mr.B.Yaswanth Raju, dept of T&P, published a paper entitled 'Twin Phonemes' in IJELLH.
- Dr.S.Rama Rao dept of MECH published a paper titled 'Enhancing the performance of EDM an overview' in ICTEC.
- Dr.S.Rama Rao, dept of MECH, published a paper titled 'Enhancing the performance of EDM an overview' in ICTEC
- Mr.Ch.Rajani Kumar, dept of MECH, published a paper titled 'Performance analysis of Tin and Alcrn Coated HSS Single point cutting tools in turning operation' in ICTEC
- Mr.E.Kalyan & Mr.S.Nagaraju, dept of MECH, published a paper titled '1.Emphirical modelling and multi objective optimisation of ECM 2.Thermal analysis of 4 stroke diesel engine with bio diesel blends' in ICTEC
- Mr.K.Srinivasa Rao, dept of MECH, published a paper titled 'Intercell flow matrix based Genetic Algorithm for cell formation and layout design in cellular manufacturing' in ICTEC
- Mr.B.Yaswanth Raju, dept of T&P, published a paper entitled 'Let me live : A comparative study of the women's agony in the writings of SudhaMurthy and Shashidesh Pandey in IJELLH.

- SHAIK .A. JOHNY BEGAM & miss Hotri dept of EEE published a paper on Harmonics And Torque Ripple Reduction Of Brushless DC Motor(BLDCM) Using Cascaded H-Bridge Multilevel Inverter in IJRAT

Perseverance, Practice and Placement

The vision of our institution is not just to provide quality education to students only but convert the normal rural folk into a matured human, above all to make them employed. We do accomplish it every year. Impressive number (436) of placements proved and elevated the college's level.



TCS



WIPRO



INFOSYS



NTT DATA



CTS



ATOS SYNTEL



BYJU'S



MINDTREE



CODE MANTRA



VIJAY NIRMAN



VARUN MOTORS



SUTHERLAND



SURYA TECHNOLOGIES



EOS GLOBE



ALLIENS GROUP



MISTUBHA

ABOUT THE INSTITUTION

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 adapting them to changing technological environment by providing the high quality instruction, infra, faculty, effective teaching and learning methods imbining 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.