

# TIRUMALA **ENGINEERING COLLEGE**

Approved by AICTE New Delhi, Affiliated to JNTUK. Kakinada Campus: Jannalagadda Village,

Narasaraopet - 522 601,

City Office: Beside M&M Show Room 11th Lane, Arundalpet, Guntur - 522002. www.tmecnrt.org | tecnrt@gmail.com





# TEC PANORAMA



**Campus News Letter** 

# TIRUMALA ENGINEERING COLLEGE

(Approved by AICTE, New Delhi. Affiliated to JNTUK Kakinada) An ISO 9001:2008 Certified Institution

Jonnalagadda(V), Narasaraopet(M), Guntur(Dt)-522601. PH: 08647-219585, 218221, 219083, 218164

January: 2019 - January: 2020 Volume: 9 **ISSUE NO:9** 

# **Editorial Board**

#### **Chief Patrons:**

Sri. B. Brahmanaidu, Chairman

Sri. B. Nageswararao, Vice Chairman

Sri. R. Satyanarayana, Secretary & Correspondent

Sri. D. Brahmanandam, Treasurer

#### Patron:

Dr.Y.V.Narayana, Principal

**Editor in Chief:** 

Dr.SK.Mohimood, M.A,Ph.D.

#### **Members**

Mr. T.Jagadeesh, Assoc Prof, Dept.of ECE Dr.R.Lalu Naik, Professor, Dept.of CSE

Dr.M.Manoj Kumar, Professor Dept .of EEE

Dr.K.Satish, Professor, Dept.of CSE

Dr.S.Rama Rao, Professor Dept of MECH

Mr.M.Sambasiva Rao, TPO

Mr.M.V.Ramesh , Asst. Professor, Dept of CIVIL

Mr.T. Venkat Rao, Assoc Prof, Dept .of As&H

# Management's View

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 relignt



We felt overwhelmed to know that our students are supporting to accomplish our vision in the form of impeccable academic records, spirited particiand sublime administrative ability of the Principal played a vital role in

# Management's View

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

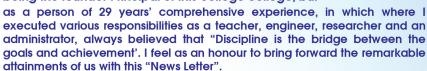


institution which can help many a student to carve their careers. I appreciate every individual soul who made our vision possible. Best wishes to all the blessings on our institution. faculty and students for their marvellous accomplishments.

# Message

#### 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 college, but



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 TECare 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 Sri.B.Brahmanaidu. 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. pation in sports, spell bound endeavors in cultural and imposing placements We are very happy to share that we have collaborated with IUCEE (Indo Unievery year. Dedication of the students, commitment of the faculty members versal collaboration of Engineering Education) in association with APSSDC. Besides we were sanctioned Chief Minister Skill Excellence Centre with an elevating the institution's level. In this august occasion, I would like to appre-infrastructure of 37 laptops. To add one more feather in our accomplishments ciate the efforts of all the TEC family and convey my best wishes to students. 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 Aachenand 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

### Management's View

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



Secretary & Correspondent-TEC

Within the span of 11 years, in and around Palnaduregion, ours is the only Congratulations to all the achievers and wish TEC sustains all its ideals. institution which got accreditations of both NAAC & NBA. Organizingan 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.

### Management's View

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 Sti. Danda Brahmanandam The journey from nowhere to a milestone of organizing international conference is simply noteworthy.

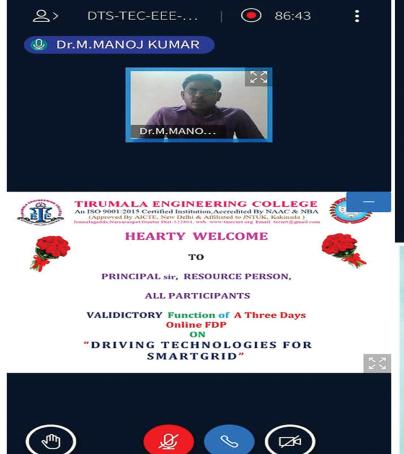


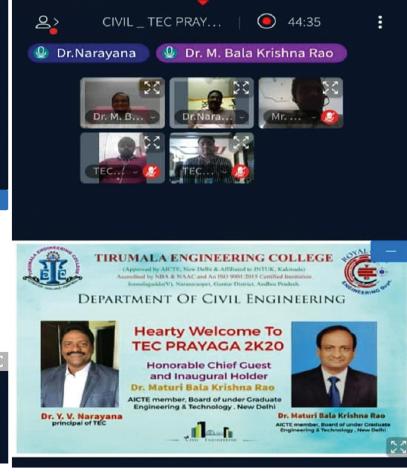
#### **Communication Skills Trainer-TEC**

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....

#### **ACEDEMIC ACTIVITES IN 2019-2020**

Dept	Activity Dates	Activity Name	Activity Topic
EEE	1/6/20-5/6/20	FDP	RESEARCH OPPORTUNITIES IN ELECTRICAL ENGINEERING
EEE	26/6/20-30/6/20	STTC	RESEARCH OPPORTUNITIES IN POWER ELECTRONICS
CSE	18/5/20-22/5/20	FDP	BLO CKCHAIN TECHNOLOGY
CIVIL	18/6/20-20/6/20	FDP	ADANCED TECHNOLOGIES IN CIVIL
CSE	24/7/2019	WORK	ADMISTRATIVE SOFTWARE
		SHOP	
EEE	23/10/19-26/10/19	FDP	NAACAND DEVELOPMENT ACTIVITIES
ECE	12/6/20-16/6/20	FDP	RECENT TRENDS IN COMMUNICATION AND SIGNAL PROCESSING
ECE	29/5/20-2/6/20	STTP	ARTIFICIAL INTELLIGENCE, MACHINE LERNING AND ITS APPLICATIONS
MECH	1/6/20-5/6/20	FDP	SOFT COMPUTING AND MULTI OBJECTIVE OPTIMIZATION













#### **FACULTY DEVELOPMENT PROGRAMS**



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







NSS Unit of TEC conducted this art of living program for the welfare and benefit of students.



Our Principal Dr.Y.V.NarayanaGaru with HOD and winners in the competition

Tirumala Engineering College students went to jonnalagadda village to create awareness among the people in the village about Novel Corona Virus (Covid – 19) by the instructions given by our

principal Narayana







Faculty of Tirumala Engineering College ara participating in Yoga day Camp

TEC believes that "Everyday is a Plantation Day". Hence plantation program will be taken up periodically in the campus to go green campus



Heads of Various departments and TPO sir along with Principal sir on plantation

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



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





# **INDUSTRIAL VISITS**

• Organized Industrial Tour for II years" at Power project ", Vijayawada



Best Teacher Awards 2019--20

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

#### BEST TEACHER AWARD WINNERS FOR THE ACADEMIC YEAR 2019-2020

SL.NO	Name	Department	Designation	
1	Mr. SK. Abdul Kalam	EEE	Assoc. Prof	
2	Mr. M. Chennakesava Rao	CSE	Asst. Prof	
3	Mr. T. Jagadessh	ECE	Assoc. Prof	
4	Ms. B.Triveni	ECE	Asst. Prof	
5	Mr. M. Sambasiva Rao	T&P	Assoc. Prof	
6	Mr. M.V.V. Ramesh Babu	CIVIL	Asst. Prof	
7	Mr. SK. Jakeer	EEE	Asst. Prof	



# **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.



#### ATE RANKERS IN 2019-20

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.



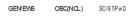
		neconstruite contect precio		_
	Treating the surface of the surface	v desta dest		1,20°3
Mulion of Eminer	100 100 100 100 100 100 100 100 100 100			ELDE STORY
where here where h	ries o hes obes ores ores ores or	ACTO ACTO ACTO ACTO ACTO ACTO ACTO	Resultes desurtes desurtes de la desurtes del desurtes della desurtes della	S. S. S.
Name:NANDA	A DEEP VALLAM	CHETTYRegistration Nu	mber: EC20S41410632	where where
Descrites with the second seco	7822-	मेटर-मेटर-मेटर- मेटर-मेटर-मेटर-	neconject neconject niet object objec	5
2		20 1/220 1/220 1/220 2/2201/2201/220		50
34	new new	1000 1000 1000 1000 1000 1000 1000 100		160283M
	and a state of the	Nego Nego		- £ 8 S (1 à c
			नेता व जनात स जीवार जीवार	V. Nanda Deep
			pulterulle ev	Polyton 15 Africa
	nezunezu nezu .	droudrou	ਸੰਭੂਵਪੁਸੰਤੂਵਪੁਸੰਤੂਵਪੁਸੰਤੂਵਪੁਸੰਤੂਵਪੁਸੰਤੂਵਪੁਸੰਤੂਵਪੁਸੰਤੂਵਪੁਸੰਤੂਵਪੁਸੰਤੂਵਪੁਸੰਤੂਵਪੁਸੰਤੂਵਪੁਸੰਤੂਵਪੁਸੰਤੂਵਪੁਸੰਤੂਵਪੁਸੰਤੂ ਸੰਭੂਵਪੁਸੰਤੂਵਪੁਸੰਤੂਵਪੁਸ਼ਤੂਵਪੁਸ਼ਤੂਵਪੁਸ਼ਤੂਵਪੁਸ਼ਤੂਵਪੁਸ਼ਤੂਵਪੁਸ਼ਤੂਵਪੁਸ਼ਤੂਵਪੁਸ਼ਤੂਵਪੁਸ਼ਤੂਵਪੁਸ਼ਤੂਵਪੁਸ਼ਤੂਵਪੁਸ਼ਤੂਵਪੁਸ਼ਤੂਵ	the The and the angle of the an
	Return	Ple Sw.		
	nesones.	area desartes desartes de la contra della contra de la contra de la contra de la contra della co		ter - merchiter -
		Alter busher bus		Britis .
		राह्य ज्याहर जीवर जाहर र जाहर र जीवर जीवर जीवर जीवर जीवर र जीवर है। नीय र जीवर जीवर जीवर जीवर र जीवर र जीवर र		
		#250 #250 #250 #250 #250 #250 #250 #250		
			aces of	1
Cyc	ul			
		गेटर-मटर-मेटर-		



Electronics and Communication Engineering (EC)

(Candidate's Signature)

Marks out of100\* 42.33 Qualifying Marks 28.825.919.2





# **Paper Publications by Faculty**

S 1. N o.	Name of the teacher	Title of the book/cha pters published	Title of the paper	Title of the procee dings of the confer ence	Name of the conference	Na tio nal / Int ern ati on al	Year of publication	ISBN/ISSN number of the proceeding	Affiliat ing Institut e at the time of publica tion	Name of the publish er
					2019-20					
1	B. Bhanu Prakesh		Clinical data classification using an ensemble approach based on CNN and BAG of words approach		First international conference on technology innovation & data science	international	2019		TEC	
2	Y. V. Narayana		Design and analysis of slotted ground rectangular antenna with a stub for ultra widebandappliocations	IEEE	The tenth international conference on computing, communications and networking technologies	international	2019	978-1-5386- 5906-9	TEC	IEEE
3	K. Anjaneyulu		Design and analysis of slotted ground rectangular antenna with a stub for ultra widebandappliocations	IEEE	The tenth international conference on computing, communications and networking technologies	international	2019	978-1-5386- 5906-9	TEC	IEEE
4	R. Lakshmi tirupathamma		Design and analysis of slotted ground rectangular antenna with a stub for ultra widebandappliocations	IEEE	The tenth international conference on computing, communications and networking technologies	international	2019	978-1-5386- 5906-9	TEC	IEEE
5	D. Mahesh		Design and analysis of slotted ground rectangular antenna with a stub for ultra widebandappliocations	IEEE	The tenth international conference on computing, communications and networking technologies	international	2019	978-1-5386- 5906-9	TEC	IEEE
6	Sk. Jakeer		Modelling and design of three state three switch buck boost inverter	IEEE	international Conference on Smart Technologies in Computing, Electrical and Electronics	international	2020	978-1-7281- 7213-2	TEC	IEEE
7	Dr. G. Srinivasa Rao		International Journal of Engineering and Advanced Technology	IJEAT	Elementary Ideals in Semi-Ring sand n(A)-T Semi-Ring	international	2019	vol-9, ISSUE-IS5 DEC-2019	TEC	IJEA T
8	Dr.Gurunadha mGoli&CH.N ageswara Rao		International Journal of Engineering and Advanced Technology	IJEAT	Application of Artificial Intelligence on HRM for Green Business	internation al	2020	) Vol-29, NO-6 PP- 2898-2905, 2020	TEC	IJEA T
9	Dr.Reddy Babu		International Journal of Engineering and Advanced Technology	IJEAT	D-Antipodal and Detour D-Antipodal Graphs	international	2020	Vol-29.NO-8 PP-2371- 2381-2020	TEC	IJEA T
10	Dr.D.Reddy Babu		Journal of Critical Reviews	JCR	Detour D-Self Centered Graph	international	2020	Vol-7, ISSUE32020 , ISSN-2394- 5125	TEC	JCR



# **GRADUATION DAY**

On behalf of TECHLON,we conducted **GRADUATION DAY** 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.

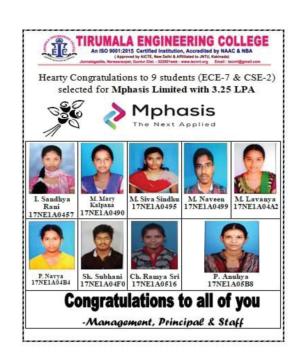












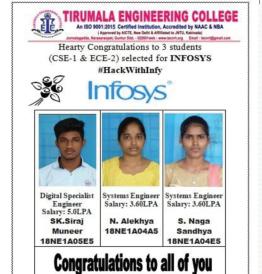












-Management, Principal & Staff







# Perseverance, Practice and Placement 2019-20

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 (490) of placements proved and elevated the college's level.

1	ACCENTURE	14
2	INFOSYS	41
3	NTT DATA	4
4	TCS	25
5	TECH MAHINDRA	9
6	VIT INFOTECH	5
7	WIPRO	15
8	ALL SEC	104
9	CHEGG INDIA	34
10	EAVETOP	8
11	GLENNWOOD	4
12	JUST DIAL	12
13	KPIT	7
14	M-CORE	4
15	MITSUBA SICAL INDIA Pvt. Ltd.	12
16	NIHON TECHNOLOGY	14
17	Purple Talk	1
18	QSPIDER	27
19	FOXCONN(RISING STARS MOBILE Pvt Ltd)	52
20	SINTEX	15
21	SLN BUILDCON	9
22	SODECIA	12
23	SURYA TECH SOLUTIONS	66
24	SUTHERLAND	84





**Total MNC** 

# Achievements of "TIRUMALA" in Placements (2019 - 20)

ස්බමතවී යජ భර් ිත්



COURSES OFFERED

B.Tech:CIVIL - 60
ECE - 180
EEE - 60
CSE - 180
MECH - 60
IT - 120
M.Tech (CSE) - 30

12.4 rer dates

Transport Facility
 Well furnished Hostels
 for Boys & Girls

✓ Excellent MNC Placement Record

Companies Visited 45

| VIDE |

# TIRUMALA ENGINEERING COLLEGE

Accredited by NBA & NAAC (An ISO 9001:2015 Certified Institution). Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada.

Jonnalagadda(V), Narasaraopet-522601. Ph: 9248752999, 8008322338



# **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 imbibing 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.



