TVISHI

(TKREC'S Ray Of Vision & Brilliance)

NEWS LETTER

ISSUE | 02

JULY-DEC | 2021

TEEGALA KRISHNA REDDY ENGINEERING COLLEGE

(UGC-AUTONOMOUS)

(Approved by AICTE, NBA & NAAC- 'A' Grade. Affiliated to JNTUH)



Vision of the Institute

Imparting Knowledge and instilling skills to the aspiring students in the field of engineering, Technology, Science and Management to face the emerging challenges of the society.

Mission of the Institute

- **Encouraging scholarly activities that transfer knowledge in the areas of Engineering, Technology, Science and Management.**
- **Ensuring Students of all levels well trained to meet the needs of education and their future endeavors.**
- **Inculcating human values and ethics into the education system for the all-round development of the students.**

Courses Offered

UG Courses in CE, EEE, ECE, CSE, CSG, AIML & IT & PG Courses in M.Tech & MBA.

Diploma Courses in CE, EEE, ECE & CSE.

Institute Quality Policy

Teegala Krishna Reddy Engineering College is committed to provide quality Technical education to the students through dedicated and talented faculty, good infrastructure, laboratories and research.

Teegala Krishna Reddy Engineering College (TKREC) was established in the year 2005 with a vision of imparting technical education and meeting the growing demands of trained engineers for various industrial and developmental projects. It is an Autonomous college accredited by NBA, NAAC-A, affiliated to JNTUH and approved by AICTE.

Editorial Board

Chief Editor:
Dr.K.Venkata Murali Mohan (Principal)

Editor: Mrs.G.Padmavathi(H&S)

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Mrs.Sangeetha Jawar (CSE)
Mrs.S.Prathyusha (ECE)
Mrs.G.Archana (IT)
Mrs.K.R.Sree Jyothi (EEE)
Mrs.S.Nagalaxmi (CE)
Mrs.M.Annapurna (MBA)



Sri Teegala Krishna Reddy
(Chairman)

Under the guidance of our charismatic Chairman Sri Teegala Krishna Reddy, the erstwhile Mayor of Hyderabad and Ex-Chairman of HUDA, the TKR Educational Society has grown into an embodiment of academic and moral values.

The Chairman, with a commendable reputation of disseminating education to innumerable youth of our country always vouches the fact that education is not just technical excellence, but an overall development of personality that envisages social and ethical values

" The newsletter which is being rolled out today marks the launch of an effervescent activity that would enable the management to bring out to the eyes of the competitive world, the academic achievements of our prestigious institution."

Dr T.Harinath Reddy is a medical professional, who strongly believes that creativity, innovativeness and the urge to think differently alone can help students to become masters in any field of study.



Dr. T. Harinath Reddy
(*Secretary*)

" The essence of Engineering and Management education which has spread in India is a very positive sign not only to cater domestic needs but provide manpower to the entire world and become biggest technically trained community. Teegala Krishna Reddy Educational Society is a venture contributing to this Endeavour. We have started with full force to play a leading role in providing quality education and careers. We have identified the needs of modern engineering, technology and management education for modern age students, with a vision and mission accompanying transparency, accountability and accessibility which keeps us abreast and also ahead of our competitors."



Sri. T. Amaranath Reddy
(Treasurer)

Mr. T. Amarnath Reddy , an MBA graduate with his management skills has taken the responsibility of making the educational society reach the highest peaks of development.

" The motive of TKRES is to develop a global perspective to cope -up with the fast changing technology scenario. In addition to this, values with discipline are the hallmark of our college, besides, ensuring quality of the students; here the emphasis is not only on academic excellence but the development of the overall total personality of a student. To achieve this goal, add on courses, training in personality development, and other soft skills are also provided in our College.

We take special care to ensure that new ideas are not merely discussed here but executed. Execution of new ideas helps the faculty and students to tread the path of 'Innovation' which is the slogan of our Institution. As excellence is the only criterion for selection of students, we are confident that in due course, promises will become 'Achievements' in their respective fields."

Dr.K Venkata Murali Mohan, an accomplished Electronics & Telecommunications Engineer from Nagpur University, Nagpur. He has completed his M.Tech from JNTU, Kakinada, Ph.D from Acharya Nagarjuna University in Computer Science Engineering(2016) and Ph.D form Rayalaseema University, Kurnool in Electronics and Communications Engineering(2019) .He nurtures an intense sense of social and environmental responsibility through academic and co-curricular activities.



He continues to strive towards the attainment of his organizational goals in the interest of the TKRES.

Dr. K.Venkata Murali Mohan
(Principal)



Dr. K.M.V Madan Kumar Vice Principal & Dean Academics Teegala Krishna Reddy Engineering College, did his BE from Gulbarga University, M.Tech from JNTUH and Ph.D (CSE) from Acharya Nagarjuna University. He has 17 years of Experience in Industry and academics.

His area of interest is Data mining and he has Published 22 Research papers in Reputed International Journals. He also Presented 10 papers in international and national conferences.He is the Reviewer of Some International Journals.

Dr. K.M.V. Madan Kumar
(Vice-Principal & Controller of Examination)

Editorial

Leaders do not command excellence, they build excellence. Excellence is "being all you can ben " within the bounds of doing what is right for your organization. To reach excellence you must first be a leader of good character. You must do everything you are supposed to do. Organizations will not achieve excellence by figuring out where it wants to go, then having leaders do whatever they have to in order to get the job done, and then hope their leaders acted with good character. This type of thinking is backwards. Pursuing excellence should not be confused with accomplishing a job or task. When you do planning, you do it by backwards planning. But you do not achieve excellence by backwards planning. Excellence starts with leaders of good and strong character who engage in the entire process of leadership. And the first process is being a person of honorable character.

Character develops over time. Many think that much of a person's character is formed early in life. However, we do not know exactly how much or how early character develops. But, it is safe to claim that character does not change quickly. A person's observable behavior is an indication of his character. This behavior can be strong or weak, good or bad. A person with strong character shows drive, energy, determination, self-discipline, willpower, and nerve. He sees what he wants and goes after it. He attracts followers. On the other hand, a person with weak character shows none of these traits. He does not know what he wants. His traits are disorganized, he vacillates and is inconsistent. He will attract no followers. A strong person can be good or bad. A gang leader is an example of a strong person with a bad character, while an outstanding community leader is one with both strong and good characteristics. An organization needs leaders with both strong and good characteristics, people who will guide them to the future and show that they can be trusted.

Courage — not complacency — is our need today. Leadership not salesmanship. — John F. Kennedy

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

The Department of Computer Science and Engineering is headed by Dr.Ch.V.PHANI KRISHNA who has 14 Years of experience. The aim of the department is to provide high quality education along with training the students with all the new advancements in the computers field.

The department is keen in academic exposure of the students to the latest domain trends by conducting a series of Seminars and workshops are organized regularly to help the faculty and students to update their knowledge about the latest tools and technologies.



Dr.Ch.V.Phani Krishna
(HOD)

Vision

Enhance learning that promotes techno graduates aiming employability and entrepreneurship with human values to face the challenges in the global technological society

Mission

- *Empowering students for professional career and higher studies by providing hands on experience and value education to become successful technocrats in the society.*
- *Nurturing students with interpersonal and entrepreneurial skills, so that they gain ability to work as a team.*
- *Imparting quality education, employability skills and techno ethical values among the students for the benefit of the society.*

FACULTY ACHIEVEMENTS

- *Paper publication on "A BORDER SURVILLANCE SYSTEM TO SENSE TERRORIST OUTBREAKS" by N. VADIVELAN on 28th July 2021.*
- *One week FDP on "MACHINE LEARNING CONCEPTS AND IT'S APPLICATIONS" participated by N. KIRANMAYEE FROM14-6-2021 TO 18-6-2021.*
- *Certificate of Academic Excellence Award by INSTITUTE OF SCHOLARS to J RAJARAM.*
- *J RAJARAM published books on SOFTWARE ENGINEERING & COMPUTER NETWOEKS AND SECURITY".*
- *Best researcher award is received by Dr K. Sarangam Kodati for the year 2021-22 awarded by NOVEL RESEARCH ACADEMY.*
- *Paper presentation by Dr J Rajaram in International conference on "Intelligence system and sustainable computing" in ICISSC- 2021.*
- *Paper presentation by Dr J Rajaram in 1st INTERNATIONAL CONFERENCE ON INNOVATION IN SIGNAL PROCESSING AND EMBEDDED SYSTEMS with tiltle "NETWORK INTRUSION DETECTION USING MACHINE LEARNING FOR VIRTUALIZED DATA".*











Dr Ch V Phani Krishna, HOD & Prof.

- *Received a certificate of oral presentation in an International conference on "MULTIDISCIPLINARY RESEARCH IN SCIENCE AND HUMANITIES".*
- *Was a spokes person for an one week online FDP on "RESEARCH TRENDS IN COMPUTER SCIENCEAND INFORMATION TECHNOLOGY" held in VIJAYA INSTITUTE OF TECHNOLOGY FOR WOMEN.*
- *Has been appointed as a guide for PHD scholars by KL UNIVERSITY.*

Dr.Sarangam Kodati, Assoc.Prof

- *Presented a paper titled, "Security Framework Connection Assistance for IoT Device Secure Data communication" in ", 3rd International Conference on Design and Manufacturing Aspects for Sustainable Energy (ICMED-ICMPC 2021) E3S Web Conf. Volume 309, 2021.*
- *Presented a paper titled "Detection of Fake Profiles on Twitter Using Hybrid SVM Algorithm" in ", 3rd International Conference on Design and Manufacturing Aspects for Sustainable Energy (ICMED-ICMPC 2021) E3S Web Conf. Volume 309, 2021.*
- *Presented a paper titled "A Hybrid Neural Network Architecture for Early Detection of DDOS attacks using Deep Learning Models", in 2021 2nd International Conference on Smart Electronics and Communication (ICOSEC) 7-9 Oct. 2021, https://ieeexplore.ieee.org/document/9591969, DOI: 10.1109/ICOSEC51865.2021.9591969*
- *Presented a paper titled "IoT-based System for Health Monitoring of Arrhythmia Patients Using Machine Learning Classification Techniques", International Conference on Soft Computing and Signal Processing ICSCSP 2021: Soft Computing and Signal Processing, ISBN: 978-981-16-7088-6,2021.*
- *Published a journal on "Construction Method of Urban Planning Development Using Artificial Intelligence Technology", Design Engineering, ISSN: 0011-9342, Volume-2021, Issue-7, 2021.*

P V RAM GOPAL, Asst.Prof *has attended a 5 day online FDP on "Trending technologies in computer science.*

Y SHIVA SREE, Asst,Prof *had participated in an ATAL 5 day FDP on "Role of Artificial Intelligence in Cyber Security" from 06/12/2021 to 10/12/2021 at GITAM Deemed to be University.*





DEPARTMENT ACTIVITIES

- *Workshop on "PROGRAMMING ESSENTIALS IN PYTHON" was conducted for 3 days for the students of III YEAR CSE AND IT in association with TASK.*

- *Cultural activities like BATHUKAMMA festival and GANESH PUJA was organized by the department.*





STUDENT ACHIEVEMENTS

* *During the pandemic free time, CSE III A students started GRASE FOUNDATION under which they distributed food to many poor people. They even offered help to old age people.*

* *Two students V.VAMSHI AND SHAIK REHMAAN from III YEAR were awarded national level prize from BYJU'S and NCIIPC for bug identification.*

* *Final year student RITESH SINGH has been placed in MEESHO with a package of 24 lakhs.*





- *Book published by J RAJARAM on "COMPUTER NETWOEKS AND SECURITY"*

DEPARTMENT OF INFORMATION TECHNOLOGY

The Department is headed by Associate Professor J.Praveen Kumar,Ph.D with 7years of experience in teaching and is supported by 13 well-qualified faculties.

The department boasts of a unique mode of learning and has good infrastructural facilitates and is equipped with full-fledged laboratories. The staff members are deputed to participate in workshops, conferences and refresher courses to keep in pace with recent developments in the field of IT.



Dr.J.Praveen Kumar
(HOD)

Vision

The department of Information Technology focuses to produce technically strong graduates in the field of Information Technology, who will be useful for the society

Mission

- *To impart sound knowledge in English, basic sciences and Information Technology which will improve students employability.*
- *To train the graduates and inculcate the importance of communication skills, research and to pursue for higher studies by conducting workshops, seminars.*
- *During graduation, students are encouraged to learn ethics.*

FACULTY ACHIEVEMENTS

FDPS/CONFERENCES/WORKSHOPS/SEMINARS

- Mrs S.Pavani, Mrs G.Archana, Mrs O.Naga Kumari, Dr.Ramu, Mrs E.Aruna, Mrs A.Jyoshna & Mrs A.Vijetha of the dept participated in the 1-Week Faculty Development Programme on "Multi Technology" at Teegala Krishna Reddy Engineering College organized by Department of CSE from 28th June– 03rd July, 2021.
- Mrs S.Pavani participated in the 2 days Faculty Development Seminar on "Resent trends in Cloud Computing, Fog & Egde Computing" at St. Martin's Engineering College organized by Department of CSE from18th – 19th June, 2021.
- Mrs A.Vijetha participated in the 1-Week Faculty Development Programme on "Multi Technology" at Teegala Krishna Reddy Engineering College organized by Department of CSE from 28th June– 03rd July, 2021.
- Mrs S.Pavani & Mrs E.Aruna participated in the1-Week Faculty Development Programme on "Challenges and Opportunities in Cyber Security with Current Tools and Techniques: a Research Perspective" at CMR Engineering College organized by Department of CSE from 05th – 09th July, 2021.
- Mrs S.Pavani & Mrs E.Aruna participated in the 1-Week Faculty Development Programme on "Blockchain for Digital Transformation" at Chaitanya Bharathi Institution of Technology organized by Department of CSE from 12th – 16th August, 2021.
- Mrs E.Aruna & Dr.Ramu Moodu attended a 1 week International STTP on "Block chain and its Applications" organized by AICTE, New Delhi and human resource centre, JNTUH, Kukatpally .
- Mrs E.Aruna participated in the NPTEL Faculty Development Programme on "Cloud Computing" in August - October 2021.
- Mrs K.Hymavathi, Mrs N.Priyanka, Mrs G.Lavanya, Mrs Jyoshna Allenki & Mrs L.Shiresha attended a one day National Level E-Quiz organized by department of Library and Information Center.
- Mrs Jyoshna Allenki participated in the 1-Week Faculty Development Programme on "NBA Accrediation Process & SAR File Preparation" at Anurag University organized by Department of IT from 8th - 12th Nov, 2021.
- Mrs Jyoshna Allenki participated in the 1-Week Faculty Development Programme on "A Systematic Navigation from Research Proposals 2.0"at MVSR Engineering College organized by Department of IT from Nov 22nd -Nov26th, 2021.
- Dr.Praveen Kumar participated in the 1-day Task programme on "Oracle cloud infrastructure" on December 7th, 2021.
- Dr.Ramu Moodu attended a 30-days master class on "Internet Of Things organized" by Pantech E Learning Pvt Ltd, Chennai.

Ph.D Registeration

- *G.Archana & A.Jyoshna registered for Ph.D from Amity School of Engineering and Technology (ASET), Madyapradesh.*

Paper Publications in National Conferences

- *Dr.Praveen Kumar published a paper entitled "Extensible Path Planning Intelligent System By Applying Nature Inspired Computing (Nic) Algorithm" in the Scopus Journal in August- 2021.*
- *Mrs.S.Pavani published a paper in international conference entitled "Providing Security for Sharing Personal Health Records In Cloud Computing Using Attribute Based Encryption" organized by VITS on Computing And Information Technologies in October-2021.*
- *Mrs.E.Aruna published a paper in international conference entitled "Providing Security for Sharing Personal Health Records In Cloud Computing Using Attribute Based Encryption" organized by VITS on Computing And Information Technologies in October-2021.*

NPTEL

Mrs E.Aruna, Mrs S.Pavani and Mrs O.Naga Kumari are awarded NPTEL Online Certificate for the course (August to October 2021).

TOPPER'S LIST

II YEAR

S.No.	Hall Ticket No.	Name of the Student	SGPA
1	19R91A1201	ABHISHEK YADAV	8.05
2	19R91A1216	GANJI PREETHAM	7.71
3	19R91A1223	MADHARAM RAVALIKA	7.67

III YEAR

S.No.	Hall Ticket No.	Name of the Student	SGPA
1	18R91A1240	P SAI BHARGAV	8.09
2	18R91A1228	KESHETTI SATHVIKA	7.55
3	18R91A1216	DORAGARI RACHANA	7.55

IV YEAR

S.No.	Hall Ticket No.	Name of the Student	Percentage
1	17R91A1222	KOLLA VAMSHI KUMAR REDDY	8.875
2	17R91A1241	ROUT RITA	8.875
3	17R91A1208	CHAVA SAI BHAVANA	8.875

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

The Electronics and Communication Engineering Department is headed by Dr.SK.Umar Faruq who has 15 years teaching experience. The dept. aims to deepen the knowledge and skills of the students on the basic concepts and theories that will equip them in their professional work involving analysis, systems implementation, operation, production, and maintenance of the various applications in the field of Electronics and Communications Engineering.



Dr.SK.Umar Faruq
(HOD)

Vision

Striving to provide quality education and train students in the interdisciplinary technologies to meet the needs and demands of society shaping them into skillful engineers imbibed with professional ethics in the field of Electronics and Communication Engineering.

Mission

- *Imparting quality education in Electronics and Communication Engineering through effective teaching – learning process and make the students useful to the society.*
- *Involving the students in creative and group activities.*
- *Empowering the students to prepare them for technicality, employability and entrepreneurship capabilities with social etiquettes.*
- *Encouraging scholarly activities that transfer knowledge in the areas of Electrical and Electronics Engineering.*
- *Encourage the students and train them to meet the needs of education and their future endeavors.*
- *Inculcating human values and ethics into the education system for the all-round development of the students.*

Students Achievements

- *Forty one students successfully completed different courses in online on COURSERA online platform.*

Student placements

56 Students are placed in the A.Y: 2020-21

Workshops organized by the Dept.

Seminars/ Conferences/ Workshops /FDPs Organized

S. No	Title of Seminar/	Seminar/ Conference/ Workshop/FDP	Association with	Targeted Participants (Students/Faculty)	Duration	
					From	To
1	Constitution of India	Webinar	ECE	Students	23-01-2021	23-01-2021
2	IETE Student Forum Inaugural Session	Workshop	IETE,OU	Students	28-01-2021	28-01-2021
3	Image Processing with MATLAB	Workshop	AI / ML Analytics	Faculty &Students	28-01-2021	30-01-2021

HIGHER STUDIES

S. No.	H.T. No	Name of the student	TEST PASS
1	17R91A0405	B RAHUL	GRE, IELTS
2	17R91A0421	K RAKESH	GRE DULINGO
3	17R91A0450	A SAI KUMAR	GRE DULINGO
4	17R91A0455	C RAMYA REDDY	GRE, IELTS,DULINGO
5	17R91A0464	K NAVYA CHOWDARY	GRE, DULINGO
6	17R91A0470	K SINDHU	GRE, IELTS
7	17R91A0481	M NIKHIL	IELTS
8	17R91A0483	M TULASI CHARY	IELTS
9	17R91A0495	V.SAI VINEETH	GRE







DEPARTMENT OF ELECTRICAL& ELECTRONICS ENGINEERING

The Department of Electrical and Electronics Engineering is headed by Mr.T.Madhu Babu who has 13 Years of experience.

The primary objective of the department has been to impart quality education, training and research at the undergraduate in various areas of Electrical and Electronics Engineering with broad emphasis on design aspects of electrical systems.The Department has been accredited by NBA in 2018 and 2021 for excellence in engineering education.



Mr.T. Madhu Babu
(HOD)

Vision

Imparting knowledge and Engineering skills to the aspiring students in the field of Electrical and Electronics Engineering, and to face the emerging challenges of the society.

Mission

- *Encouraging scholarly activities that transfer knowledge in the areas of Electrical and Electronics Engineering.*
- *Encourage the students and train them to meet the needs of education and their future endeavors.*
- *Inculcating human values and ethics into the education system for the all-round development of the students.*

PAPER PUBLICATIONS

* *Chenchireddy, K., Kumar, V., Sreejyothi, K. R., & Tejaswi, P. (2021, December). A Review on D-STATCOM Control Techniques for Power Quality Improvement in Distribution. In 2021 5th International Conference on Electronics, Communication and Aerospace Technology (ICECA) (pp. 201-208). IEEE.*

* *Chenchireddy, K., Sreejyothi, K. R., & Kumar, V. (2021). Comparative investigation of single-phase Distributed Grid-connected with and without D-STATCOM. In E3S Web of Conferences (Vol. 309). EDP Sciences.*

* *Jyothi, Khammampati R. Sree, P. Venkatesh Kumar, and J. JayaKumar. "A Review of Different Configurations and Control Techniques for DSTATCOM in the Distribution system." E3S Web of Conferences. Vol. 309. EDP Sciences, 2021.*

* *V. Kumar, Kalagotla Chenchireddy, Khammampati R. Sreejyothi "Study of 9MW Wind Farm with and without STATCOM Using MATLAB/SIMULINK" CiiT International Journal of Digital Signal Processing Vol 13, No 6 (2021)*

* *Kalagotla Chenchireddy, Khammampati R Sreejyothi, V Kumar" A New Closed Loop High Step Up DC-DC Converter for Photo Voltaic Application" CiiT International Journal of Automation and Autonomous SystemVol 13, No 3 (2021)*

* *Khammampati R Sree Jyothi, P. Venkatesh Kumar "Fast Energy Storage with Bi-Directional Converter Controlled Super Capacitor based UPQC" CiiT International Journal of Programmable Device Circuits and Systems Vol 13, No 6 (2021)*

* *Shabbier Ahmed Syed Khammampati R Sreejyothi V Kumar, Kalagotla Chenchireddy, Waseem Sultana "DESIGN AND IMPLEMENTATION OF SUPERLIFT LUO CONVERTER" International Conference on Contemporary Engineering and Technology 2021*

FDP/ WORK SHOP/ CONFERENCES

1. *Khammampati R Sreejyothi participated in*
   * *FDP on "POWER CONDITIONING AND MANAGEMENT SYSTEMS IN ELECTRICAL VEHICLE" on 26.06.2021 conducted by VIGNAN institute of technology and sciences*
   * *Three day Workshop on "CITATION TOOLS AND TECHNIQUES" organized jointly by Departments of Computer Science and Engineering and Information Technology, CVR College of Engineering from 19th July to 21st July 2021.*
   * *Workshop on "Mendeley Training Certification of achievement" organized jointly by Departments of Computer Science and Engineering and Information Technology, CVR College of Engineering from 19th July to 21st July 2021..*
2. *B. Vidya Sagar participated FDP on "Applications of signal Processing" from 20.12.2021 to 25.12.2021 organised by Dadi Institute of Engineering & Technology, Anakapalle, Vishakapatnam, AP.*
3. *Khammampati R Sreejyothi participated FDP on "Renewable Energy Conversion Technologies" from 09.07.2021 & 10.07.2021 organised by SRM TRPEC.*
4. *M. Rosaiah attended one week FDP on "ARTIFICIAL INTELLIGENT TECHNIQUES APPLIED TO POWER SYSTEMS" from 13/12/2021 to 17/12/2021 organised by Vasavi College of Engineering.*
5. *M. Rosaiah attended FDP on" Machine Learning on Cloud" from 19th Jul 2021 to 24th Jul 2021 organised by 360DigiTMG, India*
6. *SANTHOSH KHATRAVATH participated One-week Online Short Term Course On "Recent Advances in Renewable Power" from 13/09/2021 to 18/09/2021 organised by UNIVERSITY GRANTS COMMISSION HUMAN RESOURCE DEVELOPMENT CENTRE (HRDC) JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD.*
7. *SRILATHA ANNREDDY attended one day FDP on "Smart Sensors Transform Health Care System" 03rd July 2021, organized by Sri Venkateswara College of Engineering & Technology.*

Events

IV EEE A Field trip to Nagarjuna Sagar on 16.11.2021





DEPARTMENT OF CIVIL ENGINEERING

The Department of Civil Engineering is headed by Mr.Venkat Ram Reddy who has 18 Years of experience. The Department of Civil Engineering has grown into a full-fledged department with specializations in all the major areas of Civil Engineering. The Department is striving to foster a strong partnership with the industry to ensure relevancy in curricula and prepare our graduates for the market challenges of today and beyond.



Dr.Venkat Ram Reddy
(HOD)

Vision

To impart technical knowledge in the field of civil engineering and expose the graduate students to the technology.

Mission

- *To provide good theoretical and practical knowledge to the students during their course of study, and create awareness in technology.*
- *To encourage students for higher studies and to have research oriented direction.*
- *After completion of course, the students are empowered with good technical knowledge, employability and ethical values to serve the nation.*

FACULTY ATTENDED WORKSHOP/FDP/WEBINAR/SEMINAR STTP ETC..

S. No	Name of the Faculty	Title of Seminar/ Workshop/FDP	Organizing Institution	Duration	
				From	To
1	Mohammed Muneeruddin Khan	FDP "Recent advances in Earthquake Engineering"	AICTE (ATAL) Academy	20-09-2021	24-09-2021
2	Mohammed Muneeruddin Khan	FDP "Green buildings andbuilt environment"	IGBC, AICTE	13-09-2021	17-09-2021
3	Mohammed Muneeruddin Khan	STTP "Seismic design of Multistory Buildings : IS1893-2016"	AICTE JNTUH (HRDC)	4/10/2021	12/10/2021
4	Mohammed Muneeruddin Khan	Webinar on "State of art-precast technology",	Presidency University, Bangalore	13-11-2021	13-11-2021
5	Mohammed Muneeruddin Khan	Webinar on "Recent Advances in Structural Engineering"	Charusat, IAStructE	6/9/2021	9/9/2021
6	O.Veeresh Kumar	FDP Recent Innovative Developments in thermal Engineering	MREC	28.06.2021	03.07.2021
7	O.Veeresh Kumar	Webinar - Ideation Of Commercializ ation	JBIIAI-JB Group Of Educational Institutions	16.07.2021	16.07.2021
8	M.Nagavalsja	Webinar - Ideation Of Commercializ ation	JBIIAI-JB Group Of Educational Institutions	16-07-2021	16-07-2021

Publications

SNO	Title of the paper	Authors	Name of Journal
1	Stilt Floor and its Impact on Safety of Building	Mohammed Muneeruddin Khan Assistant Professor,	International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, Volume: 08 Issue: 10 , Oct 2021, page 1169 to 1172.
2	Structural damage at Florida Condo Complex – An Overview	Mohammed Muneeruddin Khan Assistant Professor,	International Journal for Research inApplied Science and Engineering Technology(IJRASET) ISSN: 2321-9653, 2021
3	A Review on Mathematical Programming Formulations for Transportation and Land Use Models	T.Pavan Kumar Assistant Professor,	Turkish Online Journal of Qualitative Inquiry (TOJQI) Volume 12, Issue 10, October 2021:4252-4268
4	Experimental Studies on strength behavior of naturalfibers incorporated geopolymer concrete	P.Chaitanya Assistant Professor	Vidya Bharathi international interdisciplinary research journal (special issue)ISSN: 2319-4979, Page No: 1860-1867

DEPARTMENT MOUs

S.NO	MOU's
1	National Academy of Construction(NAC)
2	Indian Concrete Institute(ICI)
3	Indian Green Building Council (IGBC)
4	Engineers Without Boarders (EWB)







DEPARTMENT OF HUMANITIES & SCIENCES

The Department of Humanities & Sciences plays a unique role in the college, where the ethos of science and technology prevails & headed by Dr.AYACHITHULA NAGARJUNA who has 11years of teaching and 5 years of research experience.The department aims at providing competitive quality education and supports the students to lay basic profound foundation in all the branches of Engineering.



Dr.Ayachithula Nagarjuna
(*HOD*)

Events In the Department

- *Orientation Programme for the first year B.Tech students was held at the campus of TKREC on 26th Nov 2021 which was coordinated by the department.*





- *Induction Programme for the first year B.Tech students was held at the campus of TKREC from 27th Nov 2021 by the department.*
- *Motivational Talk on 'Expectations from Budding Engineers' on 23rd 24th 27th & 28th Dec 2021 by Professor M.L.Sai Kumar; Former Dean, Institute of Public Enterprise who created an impact by inspiring students and faculty, ignited their minds and involved them in career building.*
- *Mr. Srinivas addressed the I B.Tech students to correctly dispose their e-waste, with increased reuse and recycling rates, and adopt sustainable consumer habits.*

Faculty Achievements

- *As part of the quality improvement programme, the below faculty are undergoing Doctoral programmes in various universities.D.S.Laxmi Sudha Rani(Mathematics); K.Shiva Mahalaxmi &N.Usha Rani (Physics);N.Phani Kumar(English) and N.Kotilingaiah (Chemistry).*

By DR A.NAGARJUNA ,ASSOC.PROFESSOR IN PHYSICS

S.NO	NAME OF THE JOURNAL	SCOPUS/SCI	TITLE	VOLUME ,PAGE
1	International Journal of Ambient Energy	SCI(Taylor and Francis)	MOLECULAR INTERACTIONS OF BENZYL BENZOATE LIQUID BLENDS AT DIFFERENT TEMPERATURES	ACCEPTED, (2021 OCT)

S.NO	DATE	CONFERENCE/SEMINAR /WEBINAR/ FDP	NAT/INT	ORGANIZATION
1.	20TH - 23RD JAN 2021	CONFERENCE	NATIONAL	Nuclear and Materials & Technologies (NCMAT 2021), organized by Coal-Institute of Materials and Materials Technology, Bhubaneswar, India.
2.	13TH AUG 2021	WORKSHOP		NPTEL E-Awareness workshop
3.	9TH - 13TH AUG 2021	WORKSHOP		"Use and Integration of Technologies-Implementation of the Vision of NEP -2020(SCIENCE-PHOTO)
4.	21ST-25TH SEP 2021	FDP	NATIONAL	ATAL
5.	24TH - 25TH SEP 2021	CONFERENCE (Paper Presented)	INTERNATIONAL	"Chemical research for sustainable development (ICCRSD-2021)" AIRA UNIVERSITY, RAMPURA
6.	4TH OCT 2021	WORKSHOP	INTERNATIONAL	"POST DOCTORAL FELLOWSHIP", organized by Manuscript media, Bangalore.
7.	5TH - 8TH OCT 2021	WORKSHOP	OCT 5TH Seminar on	Sathyabama Institute of Technology, Chennai
8.	18TH OCT 2021	WEBINAR	INTERNATIONAL	AL UNIVERSITY, Guntur
9.	25TH - 29TH OCT 2021	FDP		ATAL

R.Nagaraju, Asst.Prof. of English

- *Attended a One day workshop On Digital tools for Effective Teaching On 9-10-21 which was conducted by Jain University (Deemed to be University) Banglore.*
- *Published a paper on A study of English language Teaching in the Covid-19 Era: Challenges and Opportunities in IJMER -International Journal for Multidisciplinary Education Research.Vishkapatnam on 30-10-21.*
- *Attended an International "Webinar" on Research Methodology on 18-19 th Nov 21 at YNRDC college, Kaikaluru, AP, AICTE short term Training Programme & One week STTP On Teaching English from 08-11-21 to 15-11-21 by JNTUHRDC.*

DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

TKREC MBA was established in the year 2007 with the approval of AICTE, New Delhi offers two year full-time MBA Programme, headed by Dr.V.SURYANARAYANA who has vast experience.The dept focuses on application of knowledge, development of positive attitude, diverse skills and competencies among the students. Pedagogy includes lectures, case discussions, Role-plays and simulation.

To accomplish the mission of Indian in values & International in excellence, with excellent infrastructure and competent faculty, TKREC MBA is imparting quality management education.



Dr.V.Suryanarayana
(HOD)

Vision

Striving for an outstanding value based quality education, developing entrepreneurial skills to become global managers and continue to hold passion for knowledge-sharing in all facets of management education, embedding Indian culture and societal values.

Mission

* *Creating an environment that encourages students to achieve excellence in the field of their choice, through holistic, efficient and pertinent education.*
* *Developing innovative and dynamic leaders who are capable of managing for change and transformation in a globally challenging environment.*
* *Instilling all round personality development of the students by making them excellent individuals in understanding the human values.*

FACULTY ACHIEVEMENTS

Dr. V. Suryanarayana published a text book on Business Economics and Financial Analysis.

Events

I & II year students visit to Masqati, Imbrahimpatnam on 22 Dec 2021.





Toppers in MBA II Semester

* *Chandana H.T.NO: 20R91E0019*
* *Sravani H.T.No 20R91E0013*