



**TKR COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)**

(Sponsored by TKR Educational Society , Approved by AICTE, Affiliated by JNTUH,
Accredited by NBA & NAAC with 'A' Grade)



ELECTRONICS AND COMMUNICATION ENGINEERING NEWS LETTER

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Website: <https://tkrcet.ac.in/> Email: info@tkrcet.ac.in



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1. PREFACE

Welcome to a world where electrons weave magic and waves carry wonders! Step into the pages of our newsletter, crafted by the brilliant minds of our Electronics and Communication Engineering family.

These pages pulse with the hum of innovation, the spark of circuits pushing the boundaries of possibility, and the harmony of waves bridging distances and connecting lives. It's a window into a universe where signals transcend barriers, semiconductors build futures, and antennas reach out to uncharted skies.

This newsletter is more than just a collection of words; it's an embodiment of our collective dreams, a testament to our relentless pursuit of knowledge, and our passion for exploration. It bridges the analog legacy of the past with the digital breakthroughs of today, leading us to the futuristic horizons of tomorrow.

From decoding the mysteries of VLSI to navigating the dynamics of communication networks, from celebrating our innovative projects to exploring the cutting-edge advancements in embedded systems, this newsletter reflects our shared journey—a beacon guiding us through the ever-evolving realm of electronics and communication.

We extend our heartfelt gratitude to our contributors, the wisdom of our faculty mentors, and the steadfast support of our peers. Together, we illuminate the path of discovery, fostering a community where ideas thrive and imagination knows no limits.

So, dear readers, fasten your seatbelts as we embark on this electrifying voyage. Let these pages energize your curiosity, spark discussions, and inspire you to be the trailblazers of the connected world.

Welcome aboard! The journey begins now.

2. MESSAGE FROM MANAGEMENT



**SRI TEEGALA KRISHNA REDDY
CHAIRMAN**



**SRI TEEGALA HARINATH REDDY
SECRETARY**



**SRI TEEGALA AMARNATH REDDY
TREASURER**

Unlock the frequency of innovation with our branch of Electronics and Communication Engineering! Our brilliant minds are designing the future, one circuit at a time. Join the journey of discovery, where signals transform into solutions. Embrace the power of knowledge, where tomorrow's tech pioneers in communication and electronics are forged today. Dive into the wave of technological evolution!

3. MESSAGE FROM THE PRINCIPAL



Dr. D.V. RAVI SHANKAR

PRINCIPAL-TKRCET

As the College Principal, I'm thrilled to witness the incredible potential within our Electronics and Communication Engineering domain, where innovation is not just a goal but our identity. Embrace the synergy of technology and creativity to spark groundbreaking advancements, as our community nurtures trailblazers shaping the future of communication and electronics. Let curiosity guide your exploration, perseverance power your progress, and knowledge serve as your foundation. Every circuit you design and signal you decode is a step toward transforming the world. Together, let's amplify our influence, leaving an indelible mark on the technological landscape. Your journey here is not just about acquiring knowledge but about driving innovation and shaping the future—seize every moment, embrace every challenge, and let's thrive together!



4. EDITORIAL

Dear Enthusiasts,

Welcome to the heart of innovation! Within these pages, immerse yourself in the collaborative synergy of our esteemed faculty and visionary student coordinators as we navigate the dynamic world of Electronics and Communication Engineering. Together, we nurture creativity and excellence, applying knowledge to redefine possibilities in areas like wireless communication, VLSI design, embedded systems, and signal processing. From groundbreaking research to impactful projects and vibrant events, our shared passion for shaping the future of technology drives us forward. Join this thriving community where expertise meets enthusiasm, innovation knows no bounds, and the spirit of exploration opens limitless possibilities.

FACULTY COORDINATORS

Dr. PADMAJA DEVI.
(Associate Professor)

Mrs.A.HARITHA
(Assistant Professor)

STUDENT COORDINATORS

K.ARUN KUMAR
(21K91A04B1)

G.NANDHINI
(21K91A0479)

5. ABOUT THE DEPARTMENT



**Dr.D Nageshwar Rao
HOD &Professor**

Welcome to the vibrant hub of technological innovation at TKR College of Engineering and Technology! Established in 2002, our Electronics and Communication Engineering Department, under the visionary leadership of a distinguished academician with 20 years of teaching experience, stands as a beacon of excellence. With a Master's from JNTU Hyderabad and a Ph.D. in VLSI from GITAM University, Vishakhapatnam, he has published numerous research papers in national and international journals and has guided several graduate and postgraduate projects, including two ongoing research scholars. His expertise extends beyond academics, having attended and organized various workshops and seminars, and he is frequently invited as a guest lecturer and resource person by reputed institutions. Notably, he was awarded the "Certificate of Merit" at NIET for two consecutive years, 2007 and 2008. Nestled at the crossroads of tradition and advanced technology, the department thrives on pioneering research, innovative teaching methodologies, and a steadfast commitment to shaping future leaders in ECE, while fostering creativity, innovation, and problem-solving through state-of-the-art labs and a dynamic curriculum that empowers students in areas such as signal processing, VLSI design, embedded systems, and wireless communication.

6. ACADEMIC EXCELLENCIA



"Embarking on the journey of academic excellence, our stellar achievers have illuminated the path to success with their unwavering dedication and brilliance. Join us in celebrating the remarkable achievements of our top scholars, whose relentless pursuit of knowledge has set a soaring standard in our academic community."

BACHELOR OF TECHNOLOGY

7. NEWS AND ACHEIVEMENTS



FACULTY BULLETIN

❖ FACULTY PUBLICATIONS

S.NO	NAME OF THE AUTHORS	TITLE OF THE PAPER	NAME OF THE JOURNAL	YEAR OF PUBLISH
1	A.THEJA	PERFORMANCE ASSESSMENT OF CHARGE PLASMA BASED HETERO-STRUCTURE VTFET BIOSENSOR FOR LINEARITY ENHANCEMENT	INTERNATIONAL JOURNAL OF NUMERICAL MODELLING (SCI)	23-JUN
2	A.VIKAS	REALIZATION OF HIGH-SPEED LOGIC FUNCTIONS USING HETEROJUNCTION VERTICAL TFET.	APPLIED PHYSICS A(SCI)	23-FEB
3	B.SWAPNA	LOW POWER HIGH SPEED AREA EFFICIENT ERROR TOLERANT ADDER USING GATE DIFFUSION METHOD	JOURNAL OF INFORMATION AND COMPUTATIONAL SCIENCE (UGC CARE JOURNAL)	23-APR
4	S.SAI SREE ANDAL	POWER MANAGEMENT OF RENEWABLE ENERGY BY USING MICROGRID VIA IOT	JOURNAL OF INTERDISCIPLINARY CYCLE RESEARCH(JICR) (UGC CARE JOURNAL)	23-MAR
5	B.SWAPNA	SOLAR POWER FARM MONITORING SYSTEM FOR RURAL AREAS USING LORA AND IOT	JOURNAL OF INFORMATION AND COMPUTATIONAL SCIENCE(SCI) (UGC CARE JOURNAL)	23-APR



6	G VENKATA SUBBARAO	ATTENDANCE MONITORING SYSTEM USING FACE RECOGNITION	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS(UGC APPROVED JOURNAL)	23-APR
7	S.SAI SREE ANDAL	HYBRID AGRICULTURAL ROBOT	JOURNAL OF INTERDISCIPLINARY CYCLE RESEARCH(JICR) (UGC CARE JOURNAL)	23-APR
8	M VIJAY BABU	A TENSOR APPROACH FOR ACTIVITY RECOGNIZATION AND FALL DETECTION USING WEARABLE INERTIAL SENSORS	JOURNAL OF INTERDISCIPLINARY CYCLE RESEARCH(JICR) (UGC CARE JOURNAL)	23-APR
9	M VIJAY BABU	IOT BASED VIRTUAL DOCTOR USING RASPBERRY PI	JOURNAL OF INTERDISCIPLINARY CYCLE RESEARCH(JICR) (UGC CARE JOURNAL)	23-APR
10	DR MAHESH	DYNAMIC TRAFFIC MONITORING AND CONTROLLING USING IMAGE PROCESSING	JOURNAL OF INFORMATION AND COMPUTATIONAL SCIENCE(UGC CARE JOURNAL)	23-APR
11	DR MAHESH	CLOUD BASED NODE POINT PRESSURE ANALYSIS OF HEART WITH REMOTE DOCTOR ASSISTANCE	JOURNAL OF INTERDISCIPLINARY CYCLE RESEARCH(UGC CARE JOURNAL)	23-APR



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12	DR B SWAPNA RANI	HIGH SPEED AREA EFFICIENT VLSI ARCHITECTURE OF THREE OPERAND BINARY ADDER	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS(UGC CARE JOURNAL)	23-APR
13	DR B SWAPNA RANI	SMART SURVEILLANCE ROBOT FOR MILITARY APPLICATIONS USING IOT	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS(UGC CARE JOURNAL)	23-APR
14	M VIJAY BABU	ULTRASONIC SONAR SYSTEM FOR DEFENSE APPLICATION USING IOT	IJCRT	23-APR
15	CH.DIVYA	A SMART HELMET FOR AIR QUALITY AND HAZARDOUS EVENT DETECTION IN THE MINING INDUSTRY	JOURNAL OF INTERDISCIPLINARY CYCLE RESEARCH(JICR) (UGC CARE JOURNAL)	23-APR
16	CH.DIVYA	360 DEGREE ULTRASONIC SONAR FOR DEFENSE APPLICATION WITH AUTOMATIC SHOOTING AND MONITORING	JOURNAL OF INTERDISCIPLINARY CYCLE RESEARCH(JICR) (UGC CARE JOURNAL)	23-APR
17	G.MAHESH	SMART SAFETY DEVICE FOR WOMEN USING IOT	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS(UGC CARE JOURNAL)	23-APR
18	G.MAHESH	SMART AGRICULTURE SYSTEM USING IOT AND MACHINE LEARNING	INTERNATIONAL JOURNAL OF NOVEL RESEARCH AND DEVELOPMENT(UGC	23-APR



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			CARE JOURNAL)	
19	M GNANESH	DEVELOPMENT OF THE FAST AND ACCURATE METHOD FOR THE SEGMENTATION OF DIABETIC FOOT ULCER IMAGES	JOURNAL OF INFORMATION AND COMPUTATIONAL SCIENCE(UGC CARE JOURNAL)	23-APR
20	M GNANESH	SENSOR BASED WASTE WATER MONITORING AND SECURING AGRICULTURE USING IOT	JOURNAL OF INTERDISCIPLINARY CYCLE RESEARCH(UGC CARE JOURNAL)	23-APR
21	P MANGA RAO	VEHICLE LICENSE PLATE DETECTION AND RECOGNITION USING YOLO AND OPTICAL CHARACTER RECOGNITION	INTERNATIONAL JOURNAL OF TECHNO ENGINEERING(UGC CARE JOURNAL)	23-APR
22	P MANGA RAO	IOT BASED SMART FARMING UNDER ARTIFICIAL ENVIRONMENT FOR MARS	INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN TECHNOLOGY(UGC CARE JOURNAL)	23-APR
23	DR. K. PADMAJA DEVI	CROP RECOMMENATION AND YIELD PREDICTION BASED ON GEOGRAPHICAL LOCATION WITH WEB INTERFACE	DOGO RANGSANG RESEARCH JOURNAL	APRIL : 2023 UGC CARE APPROVED
24	A.LAVANYA	IDENTIFICATION OF CURRENCY WITH AI	STRAD RESEARCH(UGC CARE)	23-APR



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25	DR.P.GAYATHRI		INTERNATIONAL JOURNAL OF NOVEL RESEARCH AND DEVELOPMENT(UGC CARE JOURNAL)	23-APR
26	G.ANITHA CHOWDARY	PREDICTION OF LUNG CANCER USING DEEP LEARNING	IJCRT(UGC CARE JOURNAL)	23-APR
27	DR.P.GAYATHRI	SOLAR POWERED COIN INSERTION BASED SMART MOBILE CHARGER	IJCRT(UGC CARE JOURNAL)	23-MAR
28	G.ANITHA CHOWDARY	MOVABLE ROAD DIVIDER FOR VEHICULAR TRAFFIC CONTROL WITH MONITORING OVER IOT	IJCRT(UGC CARE JOURNAL)	23-APR
29	A.LAVANYA	REMOTE MONITORING OF SPO2 & RESPIRATION	JOICS(UGC CARE JOURNAL)	23-APR
30	DR. K. PADMAJA DEVI	SKIN DISEASE DIAGNOSIS USING CNN WITH SVM TECHNIQUES	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (IJCRT) (UGC CARE JOURNAL)	23-MAR
31	M.JAGRUTHI	AN AUTOMATIC SYSTEM FOR CONTROLLING DEFORESTATION USING IOT	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS	23-APR
32	M.JAGRUTHI	IOT BASED FIRE DETECTION AND FIRE CONTROLLING ROBOT	JOURNAL OF INFORMATION AND COMPUTATIONAL SCIENCE(UGC CARE JOURNAL)	23-APR



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33	DR .P.GAYATHRI	SMART HELMET AND FUEL THEFT DETECTOR USING ATMEGA328P	INTERNATIONAL JOURNAL OF NOVEL RESEARCH AND DEVELOPMENT(UGC CARE JOURNAL)	23-APR
34	DR.P.VENKATA LAVANYA	SOLAR ENERGY TRACKING SYSTEM USING ARDUINO	JOURNAL OF FUNDAMENTAL & COMPARATIVE RESEARCH	23-APR
35	DR.P.VENKATA LAVANYA	IOT BASED COAL MINE SAFETY MONITORING AND ALERTING SYSTEM	JOURNAL OF FUNDAMENTAL & COMPARATIVE RESEARCH	23-APR
36	SATYANARAYANA M	BIOMETRIC-BASED ELECTRONIC VOTING SYSTEM	IJRASET(VOLUME 11,ISSUE 04) (UGC CARE JOURNAL)	APR-23
37	M.CHAITANYA	AN IOT BASED MUSHROOM CULTIVATION MONITORING SYSTEM	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS(UGC CARE JOURNAL)	23-APR
38	M.CHAITANYA	PLANT DISEASES DETECTION USING MACHINE LEARNING	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS(UGC CARE JOURNAL)	23-APR
39	M.CHAITANYA	RECOGNITION OF DISEASE USING SKIN CAPTURE	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS(UGC CARE JOURNAL)	23-APR

❖ **FDP S ATTENDED BY FACULTY**



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S.N O.	NAME OF THE FACULTY	DATE	NO. OF DAYS	PARTICULARS (FDPS/STTPS/WO RKSHOPS)	DETAILS OF TITLE
1	CH.DIVYA	20.02.2023 TO 29.4.2023	8 WEEKS	NPTEL-FACULTY DEVELOPMENT PROGRAM	INTRODUCTION TO RESEARCH
2	B.SWAPNA	12-06-2023 TO 17-06- 2023	1 WEEK	1 WEEK FDP	MACHINE LEARNING FOR SIGNAL PROCESSING
3	DR. P.VENKATA LAVANYA	24.01.2022 TO 17-2- 2023	4 WEEKS	NPTEL-FACULTY DEVELOPMENT PROGRAM	PYTHON FOR DATA SCIENCE
4	DR .P.GAYATH RI	12.06..2023 TO 17.06.2023	6	FACULTY DEVELOPMENT PROGRAM	"MACHINE LEARNING FOR SIGNAL PROCESSING"
5	DR.K.PADMAJ A DEVI	12.06..2023 TO 17.06.2023	6	FACULTY DEVELOPMENT PROGRAM	"MACHINE LEARNING FOR SIGNAL PROCESSING"
6	DR.B.SWAPNA RANI	12.06..2023 TO 17.06.2023	6	FACULTY DEVELOPMENT PROGRAM	"MACHINE LEARNING FOR SIGNAL PROCESSING"
7	D.SWATHI	23-01-2023 TO 17-03- 2023	8 WEEKS	NPTEL-FACULTY DEVELOPMENT PROGRAM	INTRODUCTION TO MACHINE LEARNING

STUDENT BULLETIN

STUDENT PLACEMENTS

S.N O	NAME OF THE STUDENT	ROLL NO	NAME OF THE COMPANY	APPOINTMEN T NO / DATE	PACKA GE
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1	ANUMANDLA BHARATH KUMAR REDDY	19K91A04 08	SAVANTIS	17-MAR-23	\$
2	BALAKRISHNA	19K91A04 16	MEDIAMINT	23-JAN-23	\$
3	BATTUPALLY THARUN	19K91A04 21	MEDIAMINT	23-JAN-23	\$
4	BEJJANKI SHARVANI	19K91A04 22	SAVANTIS	17-MAR-23	\$
5	DAMA PAVAN KUMAR	19K91A04 39	SAVANTIS	17-MAR-23	\$
6	GOTTUPELLI VAHINITHA	19K91A04 60	MEDIAMINT	23-JAN-23	\$
7	HARSHAVARDHAN REDDY GURRALA	19K91A04 69	DELOITTE	22-MAR-23	\$
8	AJAY KUMAR	19K91A04 76	ADP	17-JAN-23	6 PLA
9	KALAKOTI PUSHKARINI	19K91A04 79	MEDIAMINT	23-JAN-23	\$
10	KAMIREDDY MAHENDRA REDDY	19K91A04 82	SAVANTIS	13-MAR-23	\$
11	KARANAM SANJANA	19K91A04 85	MEDIAMINT	23-JAN-23	\$
12	DEEKSHITH KASU	19K91A04 87	SAVANTIS	17-MAR-23	\$
13	MANTHENA SRIJA	19K91A04 A7	MEDIAMINT	23-JAN-23	\$
14	SHRUTHI NAYINI	19K91A04 C3	MEDIAMINT	5-JUN-23	3.2 LPA
15	N SRAVANI LAKSHMI	19K91A04 C6	SAVANTIS	17-MAR-23	\$
16	PASUPULETI	19K91A04	MEDIAMINT	23-JAN-23	\$



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	VINEELA	D5			
17	RANABOTHU ASHOK REDDY	19K91A04 E8	MEDIAMINT	JAN-23	3.2 LPA
18	SURAGANI SRAVANI	19K91A04 G1	MEDIAMINT	23-JAN-23	\$
19	THAK AMANRAJ	19K91A04 G4	MEDIAMINT	23-JAN-23	\$
20	THIRUMANI SHIVAKUMAR	19K91A04 G7	MEDIAMINT	23-JAN-23	\$
21	ABBU AKSHAY REDDY	20K95A04 01	MEDIAMINT	23-JAN-23	\$
22	NAVYA ANANTHU	20K95A04 03	SAVANTIS	17-MAR-23	\$
23	BHUMANDLA SHASHIVARDHAN	20K95A04 04	MEDIAMINT	JAN-23	3.2 LPA
24	KALLEM MEERAN	20K95A04 17	SAVANTIS	17-MAR-23	\$
25	KONGARI DHARANI	20K95A04 24	SAVANTIS	17-MAR-23	\$
26	NIHARIKA MIYYAPURAM	20K95A04 34	SAVANTIS	17-MAR-23	\$
27	SAI BHARGAV N	20K95A04 38	COGNIZANT	27-OCT-23	\$
28	PUNNA SRI CHANDANA	20K95A04 50	MEDIAMINT	23-JAN-23	\$

STUDENTS ATTENDED TECHNICAL EVENTS :

S.NO	NAME OF THE WORKSHOP/ SEMINAR	NUMBER OF PARTICIPANTS	DATE (FROM - TO)	RESOURCE PERSON
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1	A THREE-DAY WORKSHOP ON “INTERNET OF THINGS”	132	02.03.2023 TO 04.03.2023	EDGATE TECHNOLOGIES
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STUDENTS PAPER PUBLISHED :

S.N O	STUDENT NAME	TITLE OF THE PAPER PUBLISHED	JOURNAL NAME	YEAR
1	G.VIJAY KUMAR	A SMART HELMET FOR AIR QUALITY AND HAZARDOUS EVENT DETECTION IN THE MINING INDUSTRY	JOURNAL OF INTERDISCIPLINA RY CYCLE REASEARCH	23/AP R
2	D.SAI TEJA			
3	M.KUSHAL			
4	R.ASHOK REDDY	360 DEGREE ULTRASONIC SONAR FOR DEFENSE APPLIC ATION WITH AUTOMATIC SHOOTING AND MONITORING	JOURNAL OF INTERDISCIPLINA RY CYCLE REASEARCH	23/AP R
5	N.NITHIN KUMAR			
6	MD.OMER FAROOQ			
7	N.SRUTHI	TIME-BASED POWER	INTERNATIONAL JOURNAL OF	23/AP



8	N.SHRUTHI REDDY	DISTRIBUTION IN RURAL AND URBAN AREAS UNDER VCONDITIONS OF POWER SHORTAGE	CREATIVE RESEARCH THOUGHTS	R
9	K.MEERAN	IDENTIFICATIO N OF CURRENCY WITH AI	STRAD RESEARCH	23/AP R
10	K.CHANDU			
11	M.ROHITHA			
12	B.TARUN	REMOTE MONITORING BOF SPO2 AND RESPIRATION	JOURNAL OF INFORMATION AND COMPUTATIONAL SCIENCE	23/AP R
13	B.SAI THUSHAR			
14	C.AKHIL			
15	G.AMARNATH	DYNAMIC TRAFFIC MONITORING AND CONTROLLING USING IMAGE PROCESSING	JOURNAL OF INFORMATION AND COMPUTATIONAL SCIENCE	22/JU N
16	J.SATHVIK			
17	M.SREENIDHI			
18	D.YAMINI	CLOUD BASED NODE POINT PRESSURE ANALYSIS OF HEART WITH REMOTE DOCTOR ASSISTANCE	JOURNAL OF INTERDISCIPLINA RY CYCLE REASEARCH	23/AP R
19	G.CHANDANA			
20	G.MANGILAL			



21	SHAIK AFREEN	SOLAR ENERGY TRACKING SYSTEM USING ARDUINO	JOURNAL OF FUNDAMENTAL & COMPARATIVE RESEARCH	23/JU N
22	SHAIK MUSHARAF			
23	SAMA HARSHITH REDDY			
24	Y.LIKHITHA	IOT BASED COAL MINE SAFETY MONITORING AND ALERTING SYSTEM	JOURNAL OF FUNDAMENTAL & COMPARATIVE RESEARCH	23/JU N
25	B.PRADEEP			
26	V.SAHITYA			
27	N.GANESH	MOVABLE ROAD DIVIDER FOR VEHICULAR TRAFFIC CONTROL WITH MONITORING OVER IOT	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS	23/AP R
28	M.VENU			
29	M.RANJITH KUMAR			
30	G.AKSHITHA	PROTECTION FOR WOMEN BY USING A PORTABLE SMART SECURITY DEVICE	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS	23/AP R
31	K.PHANINDER REDDY			
32	K.SAISRI			
33	B.SAI KIRAN	SMART SECURITY SYSTEM WITH FACE RECOGNITION USING IOT	INTERNATIONAL JOURNAL OF NOVEL; RESEARCH AND DEVELOPMENT	23/MA R
34	B.KARUNAKAR			
35	A.NIKHIL			



36	BALA KRISHNA	SMART HELMET AND FUEL THEFT DETECTOR USING ATMEGA 328P	INTERNATIONAL JOURNAL OF NOVEL; RESEARCH AND DEVELOPMENT	23/AP R
37	B.POOJA			
38	A.NEHA REDDY			
39	G.HARSHAVARDH AN REDDY	HIGH SPEED AREA EFFICIENT VLSI ARCHITECTUR E OF THREE OPERAND BINARY ADDER	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS	23/AP R
40	K.VAISHNAVI			
41				
42	K.VAISHNAVI	SMART SURVEILLANCE ROBOT FOR MILITARY APPLICATIONS USING IOT	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS	23/AP R
43	G.HARSHAVARDH AN REDDY			
44	B.PRUDVIRAJ	MULTIPURPOS E ENVIRONMENT MONITORING SYSTEM	THE INTERNATIONAL JOURNAL OF ANALYTICAL AND EXPERIMENTAL MODAL ANALYSIS	22/JU N
45	CH. JAGADEESH KUMAR			
46	D.ANNAMAIAH			
47	CH.JAYANTH	SOLAR POWERED COIN INSERTION	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH	23/MA R
48	CH.AKHIL			



49	D.VINOD KUMAR	BAESD SMART MPOBILE CHARGER	THOUGHTS	
50	B.YASWANTH	AUTOMATED SOLAR GRASS CUTTER USING ESP32 AND GSM	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS	23/APR
51	A.NAVYA			
52	B.SHASHIVARDHAN			
53	J.MANASWITHA	READER FOR BLIND PEOPLE USING RASPBERRY PI	JOURNAL OF INFORMATION AND COMPUTATIONAL SCIENCE	22/MAY
54	K.SAI GANGA PAVAN KUMAR			
55	Y.PRASANNA LAXMI	DEVELOPMENT OF THE FAST AND ACCURATE METHOD FOR THE SEGMENTATION OF DIABETIC FOOT ULCER IMAGES	JOURNAL OF INFORMATION AND COMPUTATIONAL SCIENCE	23/APR
56	V.PRANAY REDDY			
57	G.VASASANTH KUMAR			
58	M.VAMSHITHA	ADVANCED RAILWAY TRACK FAULT DETECTION AND REPORTING OVER INTERNET OF THINGS(IOT)	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS	23/APR
59	M.NIHARIKA			
60	N.VENKATESH			
61	M.SHREYA	AN AUTOMATIC SYSYTEM FOR	INTERNATIONAL JOURNAL OF	23/AP



62	N.DIVYA	CONTROLLING DEFORESTATION ON USING IOT	CREATIVE RESEARCH THOUGHTS	R
63	M.PRATHYSHA			
64	M.MAHARSHI	FIRE DETECTION AND AUTOMATIC WATER SPRINKLER SYSTEM USING IOT	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS	23/AP R
65	P.LAKSHMI PRASANNA			
66	N.SAI BHARGAV			
67	M.PRIYADARSHINI			
68	M.SRIJA	INDUSTRIAL PARAMETERS MONITORING USING IOT	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS	23/AP R
69	P.PRAVALIKA			
70	N.RAVI KUMAR			
71	P.RUTISH			
72	N.PAVAN KALYAN	CLOUD BASED BLOOD PRESSURE MONITORING SYSTEM	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS	23/AP R
73	N.SURESH			
74	M.SAI TEJA			
75	M.SRUJANA			

NSS Activities Following are the NSS activities conducted by NSS Unit, TKRCET in the year 2023

- On 03/01/2023, the NSS Unit organized an awareness program on **GENDER SENSITIZATION** and **WOMEN EMPOWERMENT** in the college auditorium in association with Women Safety Wing & Department of Technical Education, Telangana state.



2. **On 12/01/2023, The NSS unit celebrated SWAMI VIVEKANANDA BIRTHDAY in the college premises. More than 200 students participated in the ESSAY WRITING and ELOCUTION COMPETITIONS conducted on this occasion.**
3. **17/02/2023, NSS UNIT organized a TREE PLANTATION PROGRAMME in the college. Around 100 students participated in the event**
4. **On 08/03.2023, The NSS Unit celebrated the WOMENS DAY in the college auditorium by inviting the eminent and successful women celebrity Dr. TEEGALA ANITHA REDDY, Z.P Chair Person, Ranga Reddy Dist.**
5. **On 23.02.2023, a survey was organized in the entire campus of TKRES for the Sustainability Ranking Awards organized in association with the MGNCRE, Ministry of Education.**