## ANNUAL REPORT FOR THE ACADEMIC YEAR 2023-24

## PRINCIPAL'S MESSAGE

It is with great pleasure and pride that we bring you the first issue of newsletter of RK COLLEGE OF ENGINEERING. This edition of the newsletter reports highest standards of the college in diverse fields. We strongly believe the progress of an Institute depends mainly on performance of the students with academic excellence & participating in various co-curricular and extracurricular activities along with maintaining high values and ethics. We feel proud to provide quality education by equipping our students with



Dr. Kondragunta Rama Krishnaiah M. Sc, Ph.D., M. Tech., Ph.D., MIE, LMCSI, LMISTE & FIETE

skills, confidence and a positive approach with an all round development. The college is relentlessly striving to perceive students' creativity, passion, resilience and leadership qualities for development of versatile personality. I am proud to say that our faculty is committed and dedicated for the development of the institution towards achievement of our mission and goals by imparting their knowledge and play the role of facilitator as well as role model to our students. Taking into account our academic achievements, infrastructure, co-curricular, extra-curricular activities and other all-round development ISO accredited us with 9001: 2015 standard Certificate. The motto of the college, "I will and I can and nothing is impossible", is truly inspiring to our students. It encourages them to realize their dreams and achieve their goals which otherwise seems impossible. I am sure that publishing a newsletter of this sort containing the achievements of the RKCE family will be recognition to them. I wish them all the very best for future endeavours.



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Kethanakonda (V), Ibrahimpatnam (M), Vijayawada, AMARAVATI-521456.

#### VISION

"To be a world-class leader, striving continuously by providing high standards in technical education, research and technological services that transforms individuals into high intellectuals."

#### MISSION

- To enrich the engineering skills that will enhance and inculcate knowledge of industrial needs.
- To create an environment to ensure culture, ethics, leadership qualities and social responsibilities among all the stake holders.
- To be a center of excellence to meet intellectual and carrier challenges.
- To create research environment with a scope to innovate, apply and disseminate.

## **QUALITY POLICY**

- To ensure students to uphold moral and ethical values.
- To expose the students to understand the socio-economic strata of the society with an empathetic attitude.
- To nurture talent and entrepreneurship and enable all-round development in students.
- To cater to the demand-driven needs of various stake holders.
- To continually improve all the processes through endorsing cognizance, conducting periodical reviews and unifying trainings at all levels.

#### **OBJECTIVES**

- To produce technically competent and quality conscious engineers.
- To develop a functionally suitable and conducive environment for students and staff for academic exposure.
- To develop the departments into the centres of excellence.
- To achieve academic excellence by curriculum orientation and fostering experiential learning through ICT.
- To strengthen industry- institute interaction.
- To enhance the percentage of campus placements.
- To help students for personality development and career guidance.
- To develop the students and staff to attain international acclamation.
- To foster an e-learning campus.
- To exponent for development of a rounded personality with global vision & Social responsibility.



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#### INSTITUTION ADMINISTRATION

Principal: Dr. Kondragunta Rama Krishnaiah

**HODs:** 

Civil Engineering : G. Tulasi Rao
Electrical & Electronics Engineering : M. Uday Kiran
Mechanical Engineering : V. S. R. Murthy

Electronics & Communication Engineering: V. V. G. S. Rajendra Prasad

Computer Science & Engineering : K. Koteswara Rao : M. Venkateswara Rao

MBA : Dr. N. Y. Raju

UG:

#### **Courses Offered:**

Civil Engineering

Electrical & Electronics Engineering

Mechanical Engineering

Electronics & Communication Engineering

Computer Science & Engineering

Artificial Intelligence & Machine Learning

### Courses intake:

Civil Engineering : 30

Electrical & Electronics Engineering : 30

Mechanical Engineering : 30

Electronics & Communication Engineering : 90

Computer Science & Engineering : 180

Artificial intelligence & machine learning : 60

CSE – Data Science : 60

PG:

## Courses offered:

Computer Science & Engineering

VLSI & ESD

Power Electronics & Devices

Machine design

MBA

#### Courses intake:

Computer Science & Engineering : 36
VLSI & ESD : 18
Power Electronics & Devices : 18
Machine design : 24
MBA : 240



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## **FACULTY DETAILS**

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CIVII	L'16"	neering:

Professor	: 00
Associate professor	: 01
Assistant professor	: 08
Total faculty	: 09

## Electrical & Electronics Engineering:

Professor	: 01
Associate professor	: 01
Assistant professor	: 10
Total faculty	: 12

## Mechanical Engineering

Professor	: 00
Associate professor	: 04
Assistant professor	: 10
Total faculty	: 14

## Electronics & Communication Engineering:

Professor	: 01
Associate professor	: 04
Assistant professor	: 15
Total faculty	: 20

## Computer Science & Engineering:

Professor	: 02
Associate professor	: 02
Assistant professor	: 32
Total faculty	: 36

## Freshmen Engineering Department

Professor	: 03
Associate professor	: 05
Assistant professor	: 18
Total faculty	: 26

## Master Business Administration:

Professor	: 02
Associate professor	: 02
Assistant professor	: 20
Total faculty	: 24



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## WORKSHOPSCONFERENCES / FDPS/ SEMINARS ATTENDED BY FACULTY AY 2023-24

## FDPs Organized by RKCE

S.no	Type of event	Title of event	Department	Name of coordinator	Resource person Details	Date of the event	Number of participa
1	FDP	MICROSOFT AZURE AI	IQAC/CSE	Dr. Harish H & SK. Shabaz	Mr. Raghavendra Swamy Kambhampati, Senior Technical Trainer, ICT Academy	17-07-023 To 21-07-2023	75
2	FDP	Applications on Total Station	IQAC/CIVIL	Dr. Harish H & G.Tulasi Rao	Dr. M. Murali Krishna, Narasaraopeta Engineering College, Narasaraopeta	01-08-2023 To 02-08-2023	40
3	FDP	DEVOPS	IQAC/CSE	Dr.Harish H	Dr.srinivas Prof of MVR College of Engg Paritala	21-08-2023 to 25-08-2023	50
4	FDP	Recent Trends and Developments in Energy-Efficient and Secure Chip Design for IoT Edge Computing	IQAC/ECE	Dr. Harish H/Prof. V Rajendra Prasad	Dr. TADANKI VIJAY MUNI, K L UNIVERSITY	04-09-2023 To 06-09-2023	45



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5	FDP	MACHINE LEARNING AND ITS APPLICATIONS	IQAC/AIML&D\$	Dr. Harish H	Dr.D.PAVAN KUMAR Prof University Vijayawada 9966733444	19-09-2023 to 23-09-2023	50
6	FDP	Research Article Writing	IQAC	Dr. Harish H	SHIVARAJ MAIDUR, Assistant Professor, Kristu Jayanti College.	10-10-2023 to 14-10-2023	50
7	FDP	GEO SYNTHETIC FOR GROUND IMPORTANCE	IQAC/CE	Dr. Harish H	Mr.Dr.Satya Narayana SRK College of Engg	06-11-2023 To 10-11-2023	30
8	FDP	Learning Python using Artificial Intelligence	IQAC/CSD	Dr. Harish H/Prof. K Koteswara Rao	Dr. Ch. Rupa VRSEC, VIJAYAWADA	23-11-2023 To 25-11-2023	40
9	FDP	Empowering Faculty for Student Excellence in the Changing Industrial Landscape	IQAC	Dr. Harish H	Dr.K. Murali Krishna,Professor, CEMS,Visakhapatnam	18-12-2023 To 23-12-2023	73
10	FDP	CONGNITIVE INTERNET OF THINGS	IQAC/ECE	Dr. Harish H	Dr.S.Venkatnaresh Naresh technology	02-01-2024 To 06-01-2024	45



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11	FDP	Smart Manufacturing and Industry 4.0	IQAC/MECHANICAL	Dr. Harish H/Prof. V Sri Rama Murthy	Dr. Ramakotaiah M. QIS College of Engineering and Technology. Ongole	18-01-2024 To 19-01-2024	35
12	FDP	HYBRID VEHICLES	IQAC/ME	Dr. Harish H	Dr.mohmmedRffi Prof.of ME Dept Ramachandra Engg college Eluru	13-02-2024 To 17-02-2024	30
13	FDP	Modern Trends in Electrical Engineering & Technology.	IQAC/EEE	Dr. Harish H	Dr.K.KIRAN KUMAR Prof of Sri vahini EEE Dept	01-03-2024 to 04-03-2024	26
14	FDP	Electrical Automation	IQAC/EEE	Dr. Harish H/Prof. Uday Kiran	J. Srinivas Rao QIS College of Engineering and Technology, Ongole	21-03-2024 To 22-03-2024	30
15	Conference	National Conference (Hybrid Mode) on	IQAC	Dr. Harish H	Organized by IQAC, R K College of Engineering	03-04-2024 To 04-04-2024	75



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## WORKSHOPS / FDPS/ SEMINARS ATTENDED BY FACULTY AY 2023-24

S.No.	Name of The College	Department	Title of FDP attended	Program Dates	No. of Days	No. of Participants
1	PSCMR College of Engineering and Technology	CSE	FDP on Hadoop & AWS -Red Shift	06-07-2023 to 07-07-2023	2	3
2	PSCMR College of Engineering and Technology	EEE	Recent trends in green energy	18-03-2024 to 19-03-2024	2	3
3	PSCMR College of Engineering and Technology	AIML	Faculty Development Programme (FDP) on Machine Learning and Generative AI	27-03-2024 to 28-03-2024	2	3
4	PSCMR College of Engineering and Technology	FED	Solar Thermal Engineering for Sustainable Future	05-02-2024 to 06-02-2024	2	4
5	PSCMR College of Engineering and Technology	MBA	Administrative training on Online Learning and Online Evaluation	01-08-2023 to 02-08-2023	2	3
6	Andhra Loyola Institute of Engineering and Technology	EEE	Research challenges and innovations in renewable energy systems	15-04-2024 to 16-04-2024	2	3
7	Andhra Loyola Institute of Engineering and Technology	ECE	Machine learning and deep learning techniques for VLSI	03-07-2023 to 04-07-2024	2	3
8	Andhra Loyola Institute of Engineering and Technology	МВА	Hands-on training program on business analytics for management	25-09-2023 to 26-09-2023	2	3



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9	NRI INSTITITUTE OF TECHNLOGY	CIVIL	FDP on Emerging Trends in Civil Engineering	10-07-2023 to 12-07-2023	3	3
10	NRI INSTITITUTE OF TECHNLOGY	ECE	Research and industry-oriented pipelines for constructing ml applications	09-08-2023 to 11-08-2023	3	3
11	NRI INSTITITUTE OF TECHNLOGY	MBA	Faculty Development Program on SAP Social Enterprenual Program	03-10-2023 to 04-10-2023	2	3
12	Usha Rama College Of Engineering And Technology	CSE	FDP on Cyber security	07-08-2023 to 08-08-2023	2	3
13	Usha Rama College Of Engineering And Technology	EEE	Advances in renewable energy integration to modern power systems	11-09-2023 to 12-09-2023	2	3
14	Usha Rama College Of Engineering And Technology	AI & ML	FDP on Applications of Artificial Intelligence and Machine Learning	25-04-2024 to 26-04-2024	2	2
15	Usha Rama College Of Engineering And Technology	FED	Recent Trends in Fuels and Manufacturing Process	04-08-2023 to 05-08-2023	2	5
16	SRK Institute of Technology	CIVIL	Recent Trends in Geotechnical Engineering	06-02-2024 to 07-02-2024	2	3
17	DVR & Dr. HS MIC College of Engineering Technology	CSE	FDP on Cloud Application Development	28-09-2023 to 30-09-2023	3	4
18	DVR & Dr. HS MIC College of Engineering Technology	MECHANICAL	Advancements in mechanical engineering	01-08-2023 to 04-08-2023	4	3
19	DVR & Dr. HS MIC College of Engineering Technology	ECE	Recent trends in vIsi chip devices/circuits for sensor applications	04-09-2023 to 05-09-2023	2	3



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20	DVR & Dr. HS MIC College of Engineering Technology	МВА	Faculty Development Program on Best Practices in Teaching and Learning	02-11-2023 to 04-11-2023	3	4
21	QIS College of Engineering and Technology	CSE	FDP on Data analytics with Cognos	06-10-2023 to 07-10-2023	2	3
22	QIS College of Engineering and Technology	MECHANICAL	Industrial applications in robotics	3/27/2024	1	3
23	QIS College of Engineering and Technology	FED	FDP on Mathematical Sciences and Engineering Applications	03-08-2023 to 04-08-2023	2	5
24	QIS College of Engineering and Technology	МВА	Faculty Development Program on Empowering the Mentoring Development Skills	12/30/2023	1	3
25	Amrita Sai Institute of Science and Technol	DATA SCIENCE	Data Science & chatgpt	08-09-2023 to 09-09-2023	2	2
26	KITS Akshar Institute of Technology	CSE	A Two Day FDP on Data Science	03-11-2023 to 04-11-2023	2	3
27	KITS Akshar Institute of Technology	EEE	Design and development of photovoltaic module for pv generation	28-11-2023 to 29-11-2023	2	2
28	KITS Akshar Institute of Technology	ECE	Artificial intelligence & robotic process automation	30-10-2023 to 31-10-2023	2	4
29	KITS Akshar Institute of Technology	MBA	Short Training Program on Basics of Stock Exchange	22-01-2024 to 23-01-2024	2	3
30	KITS Akshar Institute of Technology	FED	FDP on Data Mining Tools	18-12-2023 to 19-12-2023	2	2



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31	Prasad V. Potluri Siddhartha Institute Of Technology	MECHANICAL	Recents developments in mechanical engineering	16-11-2023 to 17-11-2023	2	3
32	Prasad V. Potluri Siddhartha Institute Of Technology	ECE	Artificial intelligence in vlsi chip design	13-03-2024 to 15-03-2024	3	3
33	Lakireddy Bali Reddy College of Engineering	CSE	High performance computing	15-12-2023 to 16-12-2023	2	2
34	Lakireddy Bali Reddy College of Engineering	CIVIL	Workshop on Advances in Concrete Technology	28-08-2023 to 29-08-2023	2	2
35	Lakireddy Bali Reddy College of Engineering	FED	FDP on Artificial Intelligence and Language Teaching	30-10-2023 to 04-11-2023	6	6
36	Lakireddy Bali Reddy College of Engineering	МВА	Hands on Training Program on Women Entrepreneurship Awareness	01-03-2024 to 02-03-2024	2	3
37	Koneuru Lakshmiah Education Foundation	CSE	Tiger analytics	08-01-2024 to 09-01-2024	2	3
38	Koneuru Lakshmiah Education Foundation	MECHANICAL	3-d printing and additive manufacturing in sights	29-09-2023 to 30-09-2023	2	2
39	Narasaraopeta Engineering College	CSE	Preparation of Self Learning Materials: Methods and Approaches	09-02-2024 to 10-02-2024	2	3
40	Narasaraopeta Engineering College	MECHANICAL	Recent trends in mechanical engineering related to industrial applications	01-02-2024 to 03-02-2024	3	2
41	Narasaraopeta Engineering College	ECE	Futuristic directions in vision computing and biomechanics	19-04-2024 to 20-04-2024	2	2
42	Narasaraopeta Engineering College	FED	Recent Advances in Science and Engineering	4/12/2023	1	1
43	Narasaraopeta Engineering College	DATA SCIENCE	Application of Data Science and Analytics	12-04-2023 to 13-04-2023	2	2

## 3.2.1.1 Number of research papers in the Journals notified on UGC website during the year 2023 - 2024

Title of paper	Name of the Author/s	Department of the Teacher	Name of Journal	Year of Publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
Design of Flexible Pavement District Road	Gugulothu Tulasi Rao	Civil Engineering	UIJES	2023-2024	2582-5887	viewdocument
Reinforced Concrete Buildings of Seismic Behavior Under Significance of Fluctuating Frequency	Mohammad Umar, R. Sravanthi	Civil Engineering	UIJES	2023-2024	2582-5887	<u>viewdocument</u>
Comparative Study Between Bitumen Roads and Plastic Bitumen Roads	Kudeti Kavya, Margani Hemalatha	Civil Engineering	UIJES	2023-2024	2582-5887	viewdocument
Trends in Environmental Structural Building	Hari Naga Venkata Sai, Thelu Sivarama Krishna	Civil Engineering	UIJES	2023-2024	2582-5887	<u>viewdocument</u>
A Novel 1-Ø Asymmetric Multi-Cell Cascaded Multilevel Inverter for Photovoltaic Arrays	K. Lakshmi Ganesh, Dr. Sai Ram Inkollu	Electrical and Electronics Engineering	UIJES	2023-2024	2582-5887	<u>viewdocument</u>
Enhancement of power quality profile through ANN Controller and UPQC	T. Srinivasarao, B. Veera Babu	Electrical and Electronics Engineering	UIJES	2023-2024	2582-5887	viewdocument
Quantum Algorithms for Optimization and Simulation in Power Systems	M. Uday Kiran, Shaik Arif	Electrical and Electronics Engineering	UIJES	2023-2024	2582-5887	<u>viewdocument</u>



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Press Kinetic Energy Converter: Revolutionizing Energy Saving with Efficient Power Generation	K. Neelima, R. Krishnaveni	Electrical and Electronics Engineering	UIJES	2023-2024	2582-5887	<u>viewdocument</u>
A New Corrected Virtual Voltage Vector Based Space— Vector PWM Method for Nine Switch Inverters	P. V. Pattabhiram, A. Kiranmai	Electrical and Electronics Engineering	UIJES	2023-2024	2582-5887	viewdocument
3D Printing Rapid Prototyping: A Game- Changer in Dentistry	B. J. S. Paul, M. Anvesh	Mechanical Engineering	UIJES	2023-2024	2582-5887	viewdocument
Performance Analysis of E-Bicycle Fabricated using Scrap	Ch. D. V. Nooka Raju, Ch. Prem Kumar	Mechanical Engineering	UIJES	2023-2024	2582-5887	<u>viewdocument</u>
Tensile Strength Analysis of 3D-Printed Specimens Using Universal Testing Machine	V. Srirama Murthy	Mechanical Engineering	UIJES	2023-2024	2582-5887	<u>viewdocument</u>
3D Printer Assembly And Text Logo Printing	M. Anvesh	Mechanical Engineering	UIJES	2023-2024	2582-5887	viewdocument
Accelerating Moving Walkways: Revolutionizing Urban Mobility	Dr. Harish H., Dr. G. Narendra Santhosh Kumar	Mechanical Engineering	UIJES	2023-2024	2582-5887	<u>viewdocument</u>
A Comprehensive Review on the Performance of 3D Printers: Evaluating Precision and Efficiency	V. Srirama Murthy	Mechanical Engineering	UIJES	2023-2024	2582-5887	viewdocument
"Integrated Embedded Systems for Biogas Generation: Harnessing Kitchen Waste for Renewable Energy Production"	Dr. Harish H.	Mechanical Engineering	UIJES	2023-2024	2582-5887	viewdocument
Exploring the Economic Feasibility of Biodiesel Production from Waste Vegetable Oil	Dr. Harish H., Dr. G. Narendra Santhosh Kumar	Mechanical Engineering	UIJES	2023-2024	2582-5888	viewdocument



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Variations of Pre-Monsoon Season related Atmospheric parameters over Kakinada Region	Dr. G. Narendra Santhosh Kumar	Mechanical Engineering	JNSFS	2023-2024	2362-0161	<u>viewdocument</u>
A Comprehensive Study on Low Power VLSI Design Strategies	SK. John Sydha, B. Edith	Electronics and Communication Engineering	UIJES	2023-2024	2582-5887	viewdocument
Detection of the Chronic Metabolic Disorder Diabetes Mellitus	Nageswar Rao S., Narasimha Rao	Electronics and Communication Engineering	UIJES	2023-2024	2582-5887	viewdocument
Advancements in Digital Image Processing: Unveiling Techniques for Enhanced Image Quality	Y. V. N. M. Sarma, E. Praveen	Electronics and Communication Engineering	UIJES	2023-2024	2582-5887	viewdocument
Harnessing the Power of Artificial Intelligence for Enhanced Recognition, Classification, and Analysis	Dr. P. Vamsi Krishna, V. V. G. S. Rajendra Prasad	Electronics and Communication Engineering	UIJES	2023-2024	2582-5887	viewdocument
Automated Brain Tumor Detection Through Advanced Imaging Analysis and Machine Learning	Dr. R. Divya, Dr. Manjunath B E.	Electronics and Communication Engineering	UIJES	2023-2024	2582-5887	<u>viewdocument</u>
Power Conversion Efficiency: Improving the Efficiency of Power Converters	Dr. R. Divya, Dr. Manjunath B E.	Electronics and Communication Engineering	UIJES	2023-2024	2582-5887	<u>viewdocument</u>
Revolutionizing Agriculture: Exploring the Power of IOT Technology in Smart Farming	V. Vajra Lakshmi, G. Vijaya Kumari	Electronics and Communication Engineering	UIJES	2023-2024	2582-5887	viewdocument
A Study on Medical Image Compression Techniques Transform	Y. V. N. M. Sarma	Electronics and Communication Engineering	UIJES	2023-2024	2582-5887	viewdocument



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IOT Based Electrical Vehicle Monitoring System	SK. John Sydha	Electronics and Communication Engineering	UIJES	2023-2024	2582-5887	<u>viewdocument</u>
Object Avoiding Autonomous Robot	SK. John Sydha	Electronics and Communication Engineering	UIJES	2023-2024	2582-5887	viewdocument
An Adaptive Cluster Based Routing Protocols (COTS & MST) for Wireless Sensor Networks	Dr. Kondragunta Rama Krishnaiah	Computer Science and Engineering	JT	2023-2024	10123407	viewdocument
An Innovative Approach to Continuous Sign Language Recognition : Combining CNN and BILSTM Models with Iterative Training	Dr. Kondragunta Rama Krishnaiah	Computer Science and Engineering	TJCME	2023-2024		viewdocument
Performance Analysis of Wimax Security using Optimization Algorithms	Dr. Kondragunta Rama Krishnaiah	Computer Science and Engineering	втнл	2023-2024	0391-6715	viewdocument
Performance Evaluation of Deep Learning Autoencoder in Single and Multi-Carrier Systems	Dr. Kondragunta Rama Krishnaiah	Computer Science and Engineering	IJRITCC	2023-2024	2321-8169	viewdocument
Predicting Fake Online Reviews: A Comprehensive Study of Supervised and Semi- Supervised Learning Models	Dr. Kondragunta Rama Krishnaiah	Computer Science and Engineering	TJCME	2023-2024		<u>viewdocument</u>
Quantifying Cyber Risk: Predictive Models for Identifying and Preventing Hacking Breaches	Dr. Kondragunta Rama Krishnaiah	Computer Science and Engineering	IJPREMS	2023-2024	2583-1062	viewdocument
Upper Signed Edge Unidomination Number of a Cycle	Dr. Kondragunta Rama Krishnaiah	Computer Science and Engineering	MSIRJ	2023-2024	2278-8697	viewdocument



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Vague Additive Digital Groups, Rings, Fields and Vague Vector Space	Dr. Kondragunta Rama Krishnaiah	Computer Science and Engineering	IJAEMA	2023-2024	0886-9367	<u>viewdocument</u>
Vague Topological Modules and Vague Topological Vector Spaces	Dr. Kondragunta Rama Krishnaiah	Computer Science and Engineering	ZJ	2023-2024	0932-4747	viewdocument
Unveiling the Dynamics of Cloud-Based Music Streaming	M. V. N. S. L. Sukanya, B. Dharmaraju	Computer Science and Engineering	UIJES	2023-2024	2582-5887	viewdocument
Adaptive Ensemble Aggregation for Deep Learning Model Stacking and Boosting: An Explorative Research Study	M. Pradeep, G. Nagaraju	Computer Science and Engineering	UIJES	2023-2024	2582-5887	viewdocument
A Load Balancing of Hop-By-Hop Adaptive Link State Optimal Routing	D. Sudha Rani, G.Vijaya Sri	Computer Science and Engineering	UIJES	2023-2024	2582-5887	<u>viewdocument</u>
Artificial Intelligence	E. Bhanu Sri, CH. Lalithananda Kumar	Computer Science and Engineering	UIJES	2023-2024	2582-5887	<u>viewdocument</u>
VAGUE - Near Rings, Near Fields and Boolean Rings	Dr. Kondragunta Rama Krishnaiah	Mathematics	ZJ	2023-2024	0932-4747	<u>viewdocument</u>
Comparison of Mathematics with Other Subjects and Daily Life Situations	Dr. K .V. Rama Rao, M. Ramanjani Devi	Mathematics	UIJES	2023-2024	2582-5887	<u>viewdocument</u>
Exploring the Legacy of Mathematicians Through History	N. Srinadh, V.V. Krishna Swamy	Mathematics	UIJES	2023-2024	2582-5887	<u>viewdocument</u>
On Fuzzy Neutrosophic Supra Soft Topological Spaces	J. Aswini, M. Naga Babu	Mathematics	UIJES	2023-2024	2582-5887	viewdocument



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Additive Digital Groups, Rings, Fields and Vector Space	Dr. K. V. Rama Rao , Dr. N. Srinivas , M. Ramanjani Devi	Mathematics	UIJES	2023-2024	2582-5887	<u>viewdocument</u>
Mobile Network	V. Murali Krishna, G. Suresh	Physics	UIJES	2023-2024	2582-5887	viewdocument
Applications of Nanomaterials	V. Swarupa, Ch. Adilakshmi Devi	Chemistry	UIJES	2023-2024	2582-5887	<u>viewdocument</u>
Al Tools: Bright and New Look to Classroom	Dr. R. Sujatha Rani	English	UIJES	2023-2024	2582-5887	<u>viewdocument</u>
The Influential Power of Parental Thinking on Children's Lives	A. Karishma, G. Madhava Rao	English	UIJES	2023-2024	2582-5887	<u>viewdocument</u>
Enhancing Customer Retention in Banking Sector through Relationship Marketing	Dr. T. Kiran Kumar, K. Sankar	Master of Business Administration	UIJES	2023-2024	2582-5887	<u>viewdocument</u>
Investor's Perception towards Mutual Funds with Special Reference to Krishna District, Andhra Pradesh	Dr. N. Y. Raju	Master of Business Administration	UIJES	2023-2024	2582-5887	viewdocument



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25-08-2023

## HEALTH SCREENIG CAMP AT RKCE

RK College of Engineering in association with ANDHRA HOSPITAL on 23<sup>rd</sup> August 2023. 10 doctors were present from HEALTH Hospital more than 20.students took active participation as coordinators. Doctors were welcomed by RKCE Principal Dr.K.Rama Krishnaiah sir, by presenting saplings.

One of the Faculty representatives expressed his gratitude on behalf of the whole team. The health checkup camp included General medicine, Heart checkup- echo/ ecg , eye checkup etc. Student coordinators were engaged with coordinating with the doctors and the teaching and non teaching staff who were coming to get checkup, provided assistance to elderly people. The health camp run from 10:30am to 3:30 pm









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17-09-2023

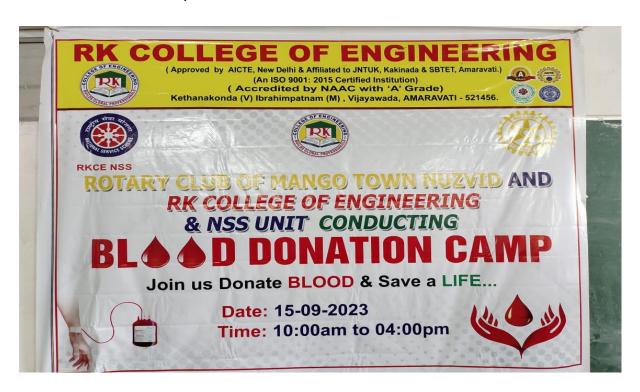
## Mega Blood Donation Camp

RK College of engineering organized a Mega Blood Donation Camp on 15th September2023 in association with the Indian red cross society (Red Cross blood center), Vijayawada.

An expert team headed by Indian red cross society (Red Cross blood center), Vijayawada, collected more than 150 units of blood from students and staff members of the College

Sri. M.M.Kondaiah, Chairman of RK College of engineering college, he expressed his happiness on the grand success of the camp and thanked the students and staff members of the college who voluntary came forward in large number to donate blood.in this activity more than 75 students were donated their blood.

In this program, Dr. K.Ramakrishnaiah principal of RK College of engineering college was organized the program. All the staff teaching and non-teaching were attended and succeeds the blood camp.

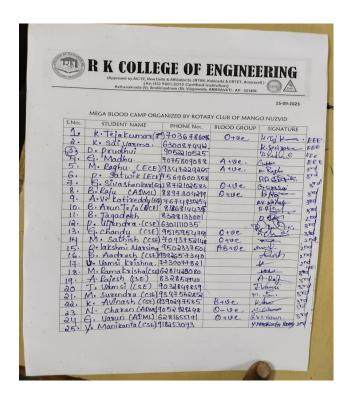


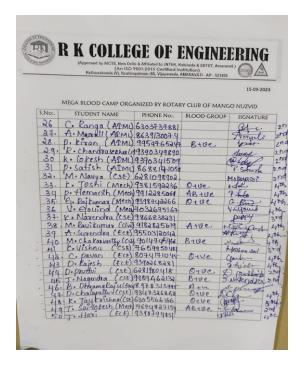


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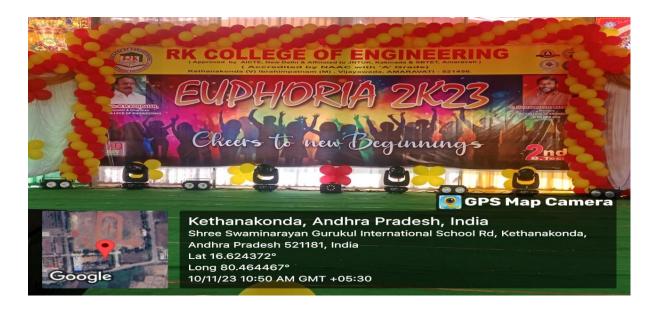
Date: 12-11-2023

## B.TECH-Euphoria 2k23at RKCE

RK College of Engineering, Mulapadu, organized Euphoria 2k23 date on 10-11-2023. The students showcased their talent in the field of dance, music, mimicry, etc. The event started at 11.00 AM at central lawn with lamp lighting and Ganesh Vandana. In the cocreation RKCE Chairman Sri.M.M. Kondaiah Garu and Secretary Sri.M. Mahendranath garu addressed the students, and give the blessings to the students for bright future. Dr.K. Rama Krishnaiah, Principal of RKCE welcoming the fresher students, encouraged them to follow the vision of our Prime Minister in developing skills and make best use of the environment and facilities available in RKCE campus and emphasized that the students must have domain knowledge though the soft skills and participation in extra and co-curricular activities are also equally important.

RKCE Chairman Sri.M.M Kondaiah Gar has given Cash Prize and certificates Through "madduluri foundation "those who have secure toppers in college various department leave.

Dr. V.Sai Ram, Vice principal, of RKCE with senior dignitaries distributed prizes to the winners runner ups and Mr. and Ms Freshers 2023. Dr.Sujatha Rani, gave Vote of Thanks and congratulated the winners and appreciated all those who participated/volunteered in the event in order to encourage them to further indulge in more co-curricular activities.





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28-01-2024.

## REPUBLIC DAY CELEBRATIONS AT RKCE

The Republic Day celebrations at the RK College of engineering, Mulapadu, were held on A 26<sup>th</sup> January, 2024, with great enthusiasm and patriotic fervor. The event was attended by students, faculty members, and staff of the college. The celebrations began with a flag-hoisting ceremony by the principal Dr. K.Rama krishnaiah. The National Anthem was sung by the students and faculty members with great pride.

The event also served as a reminder of the sacrifices that were made by our freedom fighters to secure our independence. The event was well organized in association with Dean Student Affairs and NSS team. Organized During the event, Principal, Dean's, HOD's of various branch, faculties, staff's, and students were present.





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## A REPORT ON TECHNICAL SYMPOSIUM

AZURA - 2K24

# RK POTENTIAL PROTESTION

# R K COLLEGE OF ENGINEERING

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## REPORT ON TECH FEST AZURA 2K24

Management, Principal, ECE dept HOD, staff and students of ECE were taken a decision to conduct a one day National Level technical symposium on 02-04-2024, in association with IETE Vijayawada center.

We Invited Dr. B Raja Sekhar, Chairman IETE Vijayawada Center, Sri Parisa Bose Babu, Associate Prof., department of ECE ALIET, Vijayawada and they kindly accepted our invitation.

Event convener was Er. V.V.G.S.Rajendra Prasad and the faculty coordinators are

Dr. Manjunath B E, Prof.

Dr. P Vamsi Krishna, Assoc. Prof.

Dr. R Divya,, Asst. Prof.

Er. B Edith, Asst. Prof.

Er. P. Narasimha Rao, Asst. Prof.

Er. Sk. John Sydha, Asst. Prof.

Er. S. Nageswara Rao, Asst. Prof.

Er. V. Vajra Lakshmi, Asst. Prof.

Er. E. Praveen Kumar, DEO

Er. Y.V.N.M. Sarma

Er. G. Vijaya Kumari

Sandhya, DEO

## **BROCHURE FOR AZURA 2K24:**





**Inviting Guests** 

Poster for AZURA 2k24



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The **inauguration** of the event was started on 02-04-2024 the honourable Guests were welcomed to dais with welcome dance by student, and then guests were lighten the lamp.

Dr. B Raja Sekhar, in his speech explained about the IETE activities and benefits to the students and inspired them to grab every activity sponsored by IETE.

Sri Parisa Bose Babu, Associate Prof., department of ECE ALIET, Vijayawada in his speech congratulated the students about their membership of IETE and he said that department having tie-ups with this type of technical association the student will improve the technical skills in new trends.

Dr. K. Rama Krishnaiah congratulated the ECE department for conduction of National level technical symposium individually and wished the event to be conducted successfully.

Er. V.V.G.S. Rajendra Prasad, HOD ECE, thanked the all the dignitaries on the dais and wish all the coordinators to conduct the event successfully.

There are four events conducted in AZURA 2K24.

- 1. Poster Presentation
- 2. Paper Presentation



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- 3. Technical Quiz
- 4. Treasure Hunt
- 5. Project Expo

In poster presentation there are totally eighteen teams participated from RKCE and from other colleges. The team conducted the poster presentation event were Dr. R. Divya, Mr. E. Praveen and student coordinators are M. Madubala, Ch. Veeresh. The winners received cash prize and certificates.



In Paper Presentation there are thirteen teams are participated from RKCE and other colleges. The team conducted the PPT event were Dr. Manjunath.B.E, Mrs. G. Vijaya Kumari and student coordinators are D. Sharadha, K. Chandra Shekar. The winners received cash prize and certificates.



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In Technical Quiz there are totally 24 teams were participated from RKCE and from other colleges. The team conducted the Technical Quiz event were Mrs. V.Vajra Lakshmi, Mr. S.Nageswara Rao and the student coordinators are B. Sravani, P. Ranga Sai. The winners received cash prize and certificates.



In Treasure hunt totally eighteen teams were participated from RKCE and from other colleges. The team conducted the treasure hunt event were Mr. Y.V.N.M.Sarma, Mr. SK. John Sydha and the student coordinators are G. Durga Veni, M. Raghu. The winners received cash prize and certificates.



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In Project Expo totally fifteen teams were participated from RKCE and from other colleges. The team conducted the treasure hunt event were Miss. B.Edith, Mr. P. Narasimha and the student coordinators are K. Durga Priya, I. Nithin. The winners received cash prize and certificates.





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The AZURA 2K24 was grand success and certificates are distributed to all the winners and participants. We thank all the teaching and non-teaching faculty and student coordinators.



## A REPORT ON

# Divit-2K24

(A National Level Technical Symposium)

On April 8th - 2024



Convenor: K. Koteswara Rao, HOD CSE



Fig 1: Divit 2K24 Posters

Department of CSE organized a One day National Level Technical Symposium "Divit"-2K24 on 8th April 2024) at College campus, Kethanakonda, Vijayawada.

The word "Divit" means Reaching for the sky. The motive of this event is to develop various skills of students in Curricular and Co-Curricular activities to expose them to the current trends in the technical and professional fields. Divit-2K24, invoked several innovative events.

## Schedule of Technical Symposium on 08th April 2024

- 1. Inaugural ceremony
- 2. Welcome dance
- 3. Inviting guests on dais
- 4. Lightning the lamp
- 5. Prayer
- 6. A brief speech by dignitaries on to the dais

#### **Events Details:**

- 1. Paper Presentation
- 2. Poster Presentation
- 3. Project Expo
- 4. Technical Quiz
- 5. Insta Reel
- 6. Escape Room Challenge



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## **Inaugural Function**

The day started with inaugural function at 10 A.M. The inaugural function was kick-started with a classical dance by  $K.Lohitha - 2^{nd}$  Year student which really enlightened the participants from various colleges. Later dignitaries are invited on to the stage.

Miss Teja 3<sup>rd</sup> B. Tech CSE Student briefed about the R K College of Engineering and its offered courses and Miss P.Sruthi of 3<sup>rd</sup> B. Tech CSE student briefed about the vision of the Divit- 2K24, both of them invited the dignitaries on the Dais.



Welcome Dance

Dr. K.Ramakrishnaiah , Principal RKCE, Dr. I, SaiRam Vice-Principal, Prof K,Koteswara rao HOD CSE, Prof Shabaz Shaik HOD AIML and CSD were present on the dias.

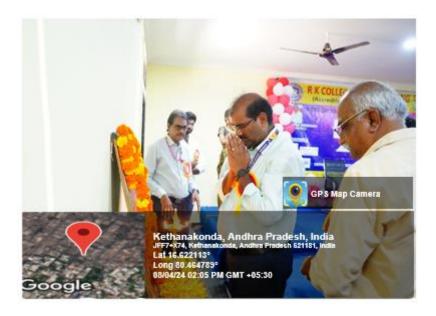


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Convener gave the opening remarks and briefed about the Divit - 2K24 and its objectives. Dr. Kondragunta RamaKrishnaiah, Principal, R K College of Engineering motivated the student participants and passed his good wishes to faculty members for organizing this unique technical fest.



Lightning the Lamp and Garlanding Lord Vinayaka Photo

Later technical presentations and other events started in All departments. Total of 300 students from different colleges all over the nationwere participated in technical competitions Paper presentation, Poster presentation, Technical Quiz, project expoetc..



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Fig: Paper Presentations in CSE Department





Fig: Poster Presentation in CSE Department

The students were well directed to their respective venues to take part in various events. The pre-lunch session had initial rounds for various events. Post lunch the final rounds were conducted.







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Fig: Technical Quiz in CSE Department





Fig: Escape Room Challenge in CSE Department

A valedictory function was conducted where Prize Money and merit certificates to the winners along with participation certificates of all the events were distributed.





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The function was finally ended by thanking management, Principal, HoDs, Faculties, Non-teaching staff, and all student coordinators who worked for this event to make this event a grand success.



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28.04.2024

## B.TECH- Sayonara /Farewell Programme 2k24

RK College of Engineering, Mulapadu, organized Sayonara 2k24 date on 26-04-2024 and 27-04-2024. The students showcased their talent in the field of dance, music, mimicry, etc. The event started at 11.00 AM at central lawn with lamp lighting and Ganesh Vandana. In the occeation RKCE Chairman Sri. M.M. Kondaiah Garu and Secretary Sri. M. Mahendranath garu addressed the students, and give the blessings to the students for bright future. Dr. K. Rama Krishnaiah, Principal of RKCE wishes the final year students, and Congratulated who got the placements. RKCE Chairman Sri. M.M. Kondaiah Garu has given Cash Prize and certificates Through "madduluri foundation "those who have secure toppers in college various department leve."

Dr. V.Sai Ram, Vice principal, of RKCE with senior dignitaries distributed prizes to the winners runner ups and Mr. and Ms Sayonara 2024. Dr.N.Y RAJU, gave Vote of Thanks and congratulated the winners and appreciated all those who participated/volunteered in the event in order to encourage them to further indulge in more co- curricular activities.





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## **PLACEMENTS**

The College has a full-fledged Training & Placements Cell which has been putting forward earnest endeavours to conduct campus interviews. It is satisfying to state that the college has been able to conduct campus interviews even during the global recession.

## LIST OF 30 COMPANIES

S.NO	COMPANY	S.NO	COMPANY
1	LUMINADATAMATICS	16	GJRENTERPRISES
2	PACKETPREP	17	JYOTHIFACILITYPVTLTD
3	BITLABS	18	MAHARAJUPVTLTD
4	QSPIDERS	19	SRIMIX RMC
5	EFFTRONICS	20	SYNERSYS
6	SPRHUMANCAPITALSOLUTIONS	21	THIRUMULAMILK PRODUCTS
7	KIML	22	TAGTECHNOLOGIES
8	ALLSECTECHNOLOGIES	23	WESTLISOFTTECHNOLOGIES
9	TEAMLEASE	24	ASPIREFINTECHPVTLTD
10	IPCSGLOBAL	25	CONSTRUCTN
11	TAPACADEMY	26	PRUDENT
12	JLC	27	INCIRCLE
13	VETROTECHSOFTSOLUTIONS	28	VOILACODE
14	GALANTRYGROUP	29	INTELLIPAAT
15	NVHINDIAPVT LTD	30	DELTAX

ВАТСН	NO. OF STUDENTS ELIGIBLE FOR PLACEMENTS	TOTAL NO. OF STUDENTS PLACED	% OF PLACEMENTS
2023-24	273	187	69 %