

NEWSLETTER

Volume1, Issue 1, Jan.-June, 2024

EE-XPERIA

DEPARTMENT OF Electrical & Electronics Engineering



Information Theory began as a bridge from Mathematics to Electrical Engineering and from there to Computing.....

— James Gleick

RAMIREDDY SUBBARAMI REDDY ENGINEERING COLLEGE (AUTONOMOUS)

[Promoted by Ramireddy Subbarami Reddy Educational Trust]

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The Visionary Gallery of the College



Er. R. Pratap Kumar Reddy
Founder & Chairman



Dr. K. Raja Reddy
Director



Sri R.V. Ramana Reddy
Administrative Officer



Dr. P.V.N. Reddy
Principal

EE-Xperia Newsletter

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VISION AND MISSION OF THE INSTITUTE



Vision:

To transform the Rural Youth through Science and Technology and creating an innovative knowledge hub whose initiatives generates entrepreneurial value towards nation building.

Mission:

- ✦ To teach, empower rural youth, and lead them towards innovation.
- ✦ To hold ethical practices, empathy and appreciate the culture of learning.
- ✦ To nurture talents that transform, create, and innovate knowledge.

DEPARTMENT VISION

To produce talented Electrical and Electronics Engineers through quality education, to be known for excellence and become a source of cutting-edge technologies in the field of Electrical and Electronics Engineering.

DEPARTMENT MISSION

To achieve national eminence in the field of Electrical and Electronics Engineering.

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering was established in the year 2008 and has been well structured. It is offering B. Tech (EEE) programme with an annual intake of 60 and providing outstanding facilities for all the students to learn innovative technologies. The department is running with well qualified, dedicated and experienced faculty to fulfill the aspirations of student community.

The department's primary objective is to produce highly skilled engineers in the field of Electrical and Electronics Engineering who may work for reputable companies or pursue higher studies. The department provides technical expertise w.r.t to the growing demand in areas of Electrical and Electronics Engineering, which includes Power Systems, Power Electronics, Control and Automation and Electrical Machines. The students are provided opportunities to participate in a mandatory Community Service Project and year-long academic project that gives them the chance in developing their professionalism, lifelong learning skills, teamwork, and communication abilities. Some of our EEE students had been awarded Pratibha Awards at University Level.

The department is having the following well Equipped Laboratories.

1. Electrical Machines & Power Systems
2. Electrical Circuits & Measurements
3. Control Systems & Power Electronics
4. Electrical Networks & Simulation

Message from Head of the Department:

The Department of EEE is providing excellent education in the field of Electrical Engineering and has been offering excellent infrastructural facilities with a variety of computing platforms to aspiring professional students in meeting the burgeoning demands of the industry. The strength of the department lies in the highly motivated faculty and students who understand the dynamics of the industry and hone their skills accordingly.



This Newsletter "**EE-Xperia**" will explore the insights of many technical and non-technical programmes/events conducted by our department that showcases the strength of the department.

Thanking You...

With Regards,

Prof. P.V. Ram Kumar,
Head, Dept. of EEE

Message from Editor's Desk:



It gives me immense pleasure to pen a few words as prologue to the in-house News Letter "**EE-Xperia**" of the Department of EEE. This issue is designed to present the events that have occurred as well as technical write-ups which makes the issue resourceful and informative. I thank all the contributors for their support in bringing out such a nice issue.

Happy Reading...!!!

With Regards,
Mr. Ch. Lenin Babu
Assistant Professor,
Dept. of EEE

Departmental Buzz

❖ Students Activities

✚ On the occasion of 'National Science Day' on 28/02/2024, the EEE students had participated enthusiastically in "Science Expo" and exhibited their project models. The event was organized by the R & D Cell, RSREC.



Project batch:

- Shaik Abdul Kareem (223R1A0201)
- Aitha Akshitha (223R1A0202)
- Vadlamudi Archana (223R1A0205)

Project batch:

- Ch. Vybhava Raghava Sai (233R5A0205)
- L. Mahendra (223R1A0222)
- M. Joseph (233R5A0201)
- P. Karthik Reddy (233R5A0202)



Students exhibiting their Project Models

Technopulse-2k24:

As a part of **Technopulse-2k24**, dated on **28/03/2024**, the Department of EEE conducted different events like Paper presentation, Poster Presentation and Project Expo to the students. Students of various colleges participated in the events and prizes were distributed to the winners and runners on the event day. Mr. Ch.Lenin Babu, Mr. S.Ezra and Mr. A.Bhaskar acted as faculty coordinators for the events of Technopulse-2k24.






TECHNOPULSE-2K24 POSTERS

RAMIREDDY SUBBARAMI REDDY ENGINEERING COLLEGE
AUTONOMOUS
TECHNOPULSE-2K24
28-03-2024

EVENTS

DO PARTICIPATE & WIN EXCITING CASH PRIZES

FREE REGISTRATION

PATRON
 Dr. P. V. N. REDDY
CONVENER
 Dr. N. KRISHNA CHAITANYA

ORGANISERS
 Prof. V. SUNIL REDDY
 Prof. K. RAMESH
 Prof. K. V. PRASADA REDDY
 Prof. P. V. RAMKUMAR

RAMIREDDY SUBBARAMI REDDY ENGINEERING COLLEGE
AUTONOMOUS
TECHNOPULSE-2K24
28-03-2024

EVENT COORDINATORS

ECE & EEE

PAPER PRESENTATION
 Staff Coordinator : Mr. M. Kondiah
 Student Coordinator : Y. V. Anil Kumar (8008524302)
 SK. Karishma (6303780653)

POSTER PRESENTATION
 Staff Coordinator : Mrs. P. Brundavani
 Student Coordinator : P. Ashok (8179695109)
 P. V. Sai Yoshitha (7981466075)

PROJECT EXPO
 Staff Coordinator : Dr. CH. Amarnatha Sarma
 Student Coordinator : SK. Sadik (8344515610)
 SK. Abdul (9566339238)

CSE & AI&DS

PAPER PRESENTATION
 Staff Coordinator : Dr. P. Dileep Kumar
 Student Coordinator : K. Jagadeesh (9847024906)
 A. Sree Prajna (7995944538)

POSTER PRESENTATION
 Staff Coordinator : Mr. V. Pavan Kumar
 Student Coordinator : CH. Manasa (8143935316)
 S. Harshitha (7382106035)

PROJECT EXPO
 Staff Coordinator : Mrs. K. Lilly Grace Mary
 Student Coordinator : Y. Sreen Kumar (6301724245)
 D. Murali (901427265)

EEE

PAPER PRESENTATION
 Staff Coordinator : Mr. CH. Lenin Babu
 Student Coordinator : SK. Abdul Kareem (9553443941)
 CH. Raghava (63004729034)

POSTER PRESENTATION
 Staff Coordinator : Mr. S. Ezra
 Student Coordinator : M. Joseph (9392692564)
 P. Karthik (800861694)

PROJECT EXPO
 Staff Coordinator : Mr. A. Bhaskar
 Student Coordinator : L. Mahendra (6370168052)
 G. Madhan (8008124510)

MAIL ID'S FOR REGISTRATION - CSE&AI&DS : CSETECHNOPULSE@GMAIL.COM, EEE : EEETECHNOPULSE@GMAIL.COM, ECE : ECETECHNOPULSE@GMAIL.COM
NH-16, KADANUTHALA, BOGOLE MANDAL, KAVALI-524142. Contact Us : 8341515610, 8179695109, 9847024906



INAUGURAL OF THE EVENT: TECHNOPULSE-2K24



Students presentation in the events of Technopulse-2k24



Prizes Distribution to the Winners and Runners

❖ Students Achievements:

- Sk. Abdul Kareem and Ch. Vybhava Raghava Sai of II-EEE students have secured **1st Prize** in **Paper Presentation** event at **TECHNOPULSE-2K24** organized by the Dept. of ECE, RSREC on **28/03/2024**.



- II-EEE students have secured **2nd Prize** in **Project Expo** event at **TECHNOPULSE-2K24** organized by the Dept. of ECE, RSREC on **28/03/2024**.



The Project Expo Batch Students are:

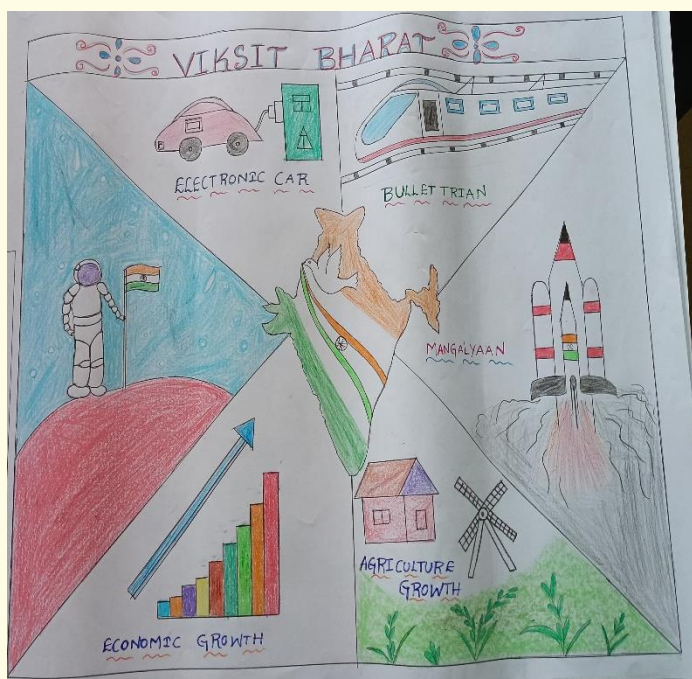
- Sk. Abdul Kareem
- Ch. Vybhava Raghava Sai
- P. Karthik Reddy
- G. Madhan



- Sk.Abdul Kareem, Ch.Vyhava Raghava Sai, P.Karthik Reddy and M Joseph of II-EEE participated in the events of **Technical Quiz** and **Paper presentation** held at **DBSECSTASY-2K24**, DBS Institute of Technology, Kavali on 4/4/24.



- EEE students participated in the program "**Youth Ideology towards VIKSIT BHARAT@2047**" held at seminar hall on 24/1/2024, organized by IIC and R & D Cell, RSREC.



Students Drawings on the Theme of Viksit Bharat@2047

- All the IV-EEE students have done long-term internship programme titled "**Electric Vehicle**" organized by '**SkillDzire**' in collaboration with '**APSCHE**', Andhra Pradesh during Feb., 2024 to April, 2024.

❖ Result Analysis:

ACADEMIC TOPPERS

✚ The following EEE students are academic toppers for the II-II semester:

Toppers List			
S.No.	Roll Number	Student Name	Percentage
1	223R1A0201	Sk. Abdul Kareem	82.80%
2	223R1A0202	A. Akshitha	80.97%
3	223R1A0218	Ch. Kusuma	77.31%
4	233R5A0201	M. Joseph	76.45%
5	223R1A0234	P. Sireesha	73.01%

✚ The following EEE students are academic toppers for the IV-II Semester:

Toppers List			
S.NO	ROLL NO	NAME	Percentage
1	203R1A0210	SOWKHYA. A	88.8%
2	203R1A0208	PRASANTHI. T	87.2%
3	203R1A0211	THRIVENI. G	84%
4	203R1A0205	KARTHIKA REDDY. M	81.3%
5	203R1A0202	GAYATHRI. G	80.8%

Faculty Corner

❖ FDPs / Workshops / Webinars attended by the Faculty:

- ✚ Mr. P V Ram Kumar, Head, Dept. of EEE have participated online **FDP** on "Emerging Trends and Challenges in Renewable Energy Systems" held during 5th Feb. to 9th Feb., 2024 organized by Gates Institute of Technology, Gooty, Ananthapur Dt. A.P.
- ✚ Mr. P V Ram Kumar, Head, Dept. of EEE have participated in a one-day National Level **Workshop** on "NEP-2020 and OBE-Implementation Issues and Challenges" organized by RSREC, Kavali on 20th April, 2024.
- ✚ Mr. P V Ram Kumar, Head, Dept. of EEE have participated in one day online **FDP** on "AI Tools for Teaching" organized by Star International Foundation for Research and Education on 22.06.2024.
- ✚ Mr. A. Bhaskar, Asst. Professor have participated in a one-day National Level **Workshop** on "NEP-2020 and OBE-Implementation Issues and Challenges" organized by RSREC, Kavali on 20th April, 2024.
- ✚ Mr. Ch. Lenin Babu, Asst. Professor have participated online **FDP** on "Emerging Trends and Challenges in Renewable Energy Systems" held during 5th Feb. to 9th Feb., 2024 organized by Gates Institute of Technology, Gooty, Ananthapur Dt. A.P.
- ✚ Mr. Ch. Lenin Babu, Asst. Professor have participated in a Five-Day online **FDP** on "Advanced Trends in Mechanical Engineering" organized by KSRM College of Engineering, Kadapa from 26-02-2024 to 01-03-2024.
- ✚ Mr. Ch. Lenin Babu, Asst. Professor has participated in National Level **Webinar** on "NEP 2020-Implementation Process" organized by IQAC, Bharat College of Arts and Commerce, Badalpur(W), Mumbai, India.
- ✚ Mr. Ch. Lenin Babu, Asst. Professor has attended a Five-Days Online **FDP** on "Advanced Technologies in Electrical Engineering" from 13th to 17th Feb., organized by SSN College of Engineering, Kalavakkam, T.N., India.

- ✚ Mr. Ch. Lenin Babu, Asst. Professor has participated in "IP Awareness / Training Program" under 'National Intellectual Property Awareness Mission' on Feb 21, 2024.
- ✚ Mr. Ch. Lenin Babu, Asst. Professor has participated in One Week Online FDP on "Entrepreneurial Perspectives on Green Energy and Electric Vehicle Innovation" organized by Shri Vishnu Engineering College for Women, held during 21st - 26th May 2024.
- ✚ Mr. Ch. Lenin Babu, Asst. Professor has participated in one day online FDP on "AI Tools for Teaching" organized by Star International Foundation for Research and Education on 22.06.2024.

❖ Online Courses done by the Faculty:

Mr. P V Ram Kumar	Successfully completed an 'edX course' on "IOT1x: Introduction to the Internet of Things (IoT)" offered by Curtin University in June, 2024.
Dr. V. Raveendra Reddy	Successfully completed an 'edX course' on "eCARS2x: Electric Cars: Technology" offered by Delft University of Technology in June, 2024.
Mr. A. Bhaskar	Successfully completed an 'edX course' on "eCARS2x: Electric Cars: Technology" offered by Delft University of Technology in June, 2024.
Mrs. K. Saranya Reddy	Successfully completed an 'edX course' on "eCARS2x: Electric Cars: Technology" offered by Delft University of Technology in June, 2024.
Mr. Ch. Lenin Babu	Successfully completed an 'edX course' on "IOT1x: Introduction to the Internet of Things (IoT)" offered by Curtin University in June, 2024.
	Successfully completed an 'edX course' on "eCARS2x: Electric Cars: Technology" offered by Delft University of Technology in June, 2024.

❖ Journals/Conferences Publications:

- ✚ Mr. Ch. Lenin Babu, Assistant Professor had presented a paper titled "Power Quality Improvement in Renewable Energy based Distribution System" at 4th National Virtual Conference on Recent Advances in Technology & Engineering (CRATE-2024) organized by Vemu Institute of Technology, Chittoor, held during 26- 27th April 2024.

Co-curricular Activities

- Women Faculty of EEE department and Students have actively participated in the **Rangoli Competitions** conducted in the college on the eve of **Pongal Festival**.



✚ NSS Volunteers/students of EEE department undergone "NSS Special Camp" during the period 18/03/2024 to 24/03/2024 at nearby Gowravaram and Konda Bitragunta villages.



NSS Activities during the Camp

- ✚ The Students of EEE have enthusiastically participated in the program events of the "CARNIVAL-2K24" held on 1st April, 2024.



- ✚ The faculty of EEE dept. and Students have participated in the "Cultural Fest-2k24" held on 2nd & 3rd April, 2024. Mrs. K.Saranya Reddy, Assistant Professor and Mr. A.Bhaskar, Assistant Professor are the faculty coordinators for 'Cinema Sandhadi' event of the fest.



- ✚ The faculty and students of EEE department participated in the games and sports organized by the Dept. of Physical Education on the eve of "Sports Day" held on 3rd April, 2024.



❖ Alumni Talkies:

- I am thankful to all the faculty members of the EEE dept. and other faculty members for their continuous efforts and support. Apart from excellent academic experience, I also gained the benefits of being a part of Cultural Student body. I cherish every moment spent at RSR Engineering College.



*N. Prasanna Sai (2010-2014 Batch)
Associate S/W Engineer
Virtusa Ltd., Chennai.*



*J. Praveen Reddy (2010-2014 Batch)
Senior Devops Engineer
Infosys, Hyderabad.*

- ✚ It has been great pleasure to be part of RSR Engineering College. The time spent there will be always appreciable and memorable throughout my life. The College has played an important role in my personality development and career building. The knowledge and experience gained here is and will be always be helpful.



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With a CGPA of 3.17 on a 4 point scale



Congratulations



to all the Hon'ble Members of Management, Staff & Students.



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