NEWSLETTER EE-XPERIM

VOLUME 2 | ISSUE NO.2 | MAY – AUGUST 2025





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.









The Forerunners of the College



Er. Ramireddy Pratap Kumar Reddy Founder & Chairman, RSR Educational Trust



Prof. Dr. Kadati. Raja Reddy Director, RSREC



Dr. P.V.N. Reddy Principal, RSREC



Mr. R.V. Ramana Reddy Administrative Officer, RSREC



TABLE OF CONTENTS

- Vision and Mission of the Institute
- VISION AND MISSION OF THE DEPARTMENT
- ABOUT THE DEPARTMENT
- Message from the HoD's Desk
- Message from the Editor's Desk
- DEPARTMENTAL EVENTS
- STUDENTS ACTIVITIES





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 offers B. Tech. program in EEE. The annual intake is 66 and it is providing outstanding facilities for all the students to learn innovative technologies. The department has well qualified and experienced faculty to transform knowledge and to fulfill the aspirations of EEE student community.
- The Department also provides technical expertise w.r.t the growing demand in the areas of 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. Two of our EEE students were university Gold Medallists at JNTUA, Anantapur.
 - The Department is well Equipped with the following Laboratories.
 - 1. Electrical Machines 2. Electrical Circuits & Measurements
 - 3. Control Systems & Power Electronics 4. Power Systems & Simulation

HoD's Message

❖ Welcome to the Department of EEE. It's been great pleasure to introduce the new volume of our EEE department newsletter for this year. 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, Dr. Vasepalli. Raveendra Reddy HoD, EEE

Editor's Message

I feel honored and privileged for getting a chance to frame the newsletter of EEE, i.e., "EE-Xperia". Earlier, last edition presented various events celebrated by EEE during Jan to April 2025. This issue: 2 is the successor of previous one which will present the events conducted by EEE department and the events where EEE students participated. It also includes college events and IIC events where EEE students played a crucial role. Hope that this will present the young talents and their contributions to the department of EEE.



With Regards, Ezra Sadepalli Assistant Professor, EEE

Departmental activities during May - 2025

General Event

May 05, 2025:

Birthday Celebrations of our Beloved Director, Prof. Dr. Kadati Raja Reddy Garu, EEE.

- ➤ Department of EEE and management of RSREC celebrated the Birthday of EEE's Legendary Personality, A man of Sincerity and Kindness, Dr. K Raja Reddy garu on May 05, 2025 at the main Auditorium, RSREC.
- ➤ All the Teaching, Non-teaching staff, Sweepers and all workers of the institute gathered.
- Principal, Dr. P. V. N. Reddy and AO, Mr. R. V. Ramana Reddy along with all departmental HODs celebrated the event.
- ➤ On this occasion, Dr. K. Raja Reddy garu addressed the gathering. He stated that every one is equal to him either a sweeper or an assistant professor.
- ➤ He also urged the faculty members to pursue Ph.D and to upgrade their skills.
- \triangleright He further stated that new campus will be built exclusively for I- B.Tech. Students from the academic year 2026 2027 onwards and the work is under progress.
- ➤ He even stated that, if he would stand still, he could deliver the lecture for EEE students.
- ➤ He stated that, as a token of dedication to EEE subjects, he is training the girls hostel students every evening.
- > Cake cutting was performed and cakes were distributed to the gathering.
- Faculty members extended their warm and heartfelt wishes to Dr. Raja Reddy Sir.

> Photographs of the session are displayed below:



Beloved Director, Dr, Kadati Raja Reddy sir of EEE Department addressing the gathering



Principal, Dr, P.V.N. Reddy garu addressing the gathering



Cake cutting by Dr. K. Raja Reddy garu.

In Photograph (Starting from the left): Mr. V. Suneel Reddy (ECE HOD), Mr. K. Ramesh (CSE HOD),
Dr. P. V. N. Reddy (Principal), Mr. V. Amarnadha Reddy (Civil HOD), Dr. V. Raveendra Reddy (EEE HOD),
Dr. B. Satya Narayana Reddy (IQAC Coordinator), Mr. P. Ramesh (Office In charge),
Mr. K. Raja (Accounts In charge), Mr. R. V. Ramana Reddy (AO), Dr. K. Lakshmi (H & S HOD)
and Mrs. K. V. S. Gayathri (MBA HOD)



Faculty members witnessing the event



Group Photograph: Dr. K. Raja Reddy sir with HODs and in charges after cake cutting



Civil HOD Mr. Amarnadh Reddy with Director Sir



Faculty members witnessing the event

Technical Event

May 11, 2025:

National Technology Day Celebrations, Dr. P. V. N. Reddy Garu, Principal.



In view of technological achievements and advances, the IIC of RSREC in association with EEE conducted, national technology day.

- This day was celebrated to commemorate the achievements of Engineers and Scientists in the field of Science and Technology.
- > Speaker for session was Dr. P. V. N. Reddy and the session was conducted in CR- 220.
- > Speaker in his words stated the impact of technological innovations on the nation.
- > Speaker briefed about the tremendous achievements of Indian scientists, engineers and their role in nation building and development.
- Speaker further stated that, "National technology Day is a great way to encourage the youth of the country to come forward and also is the way to appreciate the scientists, researchers for India's growing technology."
- Session lasted for an hour and ended with vote-of-thanks to the speaker.
- **>** Below is the photo glimpse of the session:



Students and Faculty witnessing the speech of Dr. P. V. N. Reddy, Principal

Community Service Project for II / II EEE (IV Sem) Students:



- > Students of IV semester, EEE admitted in the year 2023 were encouraged to undertake a project on community service as a part of their curriculum.
- > Six batches of IV semester, EEE visited various communities and collected the data regarding the societal problems and suggested some measure to alleviate these.

➤ Below are the Photo glimpses of the CSP during May 2025 to July 2025:



OXCQ+M62, Bitragunta, Andhra Pradesh, India

Lat 14.771603° Long 79.987516°

21/05/2025 12:29 PM GMT +05:30

Students of II / II EEE at the Community Service Project Explaining the Installation of Solar Panels for a Home Maker (Starting from Left): Ameer Khan, Home Maker (House Wife), Sandeep, Vamsi Krishna, Varshini & Ganga devi.



Students of II / II EEE at the Community Service Project analysing the plant diseases at a nursery at kavali (Starting from Left): T. Sai, Madhu Babu, Sandeep, Uma, Harika & Malleswari.



10-22-3, Cooperative Colony, Christian Peta, Kavali Andhra Pradesh 524201, India Lat 14.912399° Long 79.990454° 24/05/2025 12:30 PM GMT +05:30

Students of II / II EEE at the Community Service Project the importance of renewable energy for the people at kavali (Starting from Left): Jaswanth Kumar, Prasanna, Nagamani & Subramanyam.





Sri Potti Sriramulu Nellore, Andhra Pradesh India V37+3vf, Puvvaladoruvu Rd, Andhra Pradesh 524203, India Sriramulu Nellore, Andhra Pradesh 524203, India Lat 14.889915° Long 80.064572°

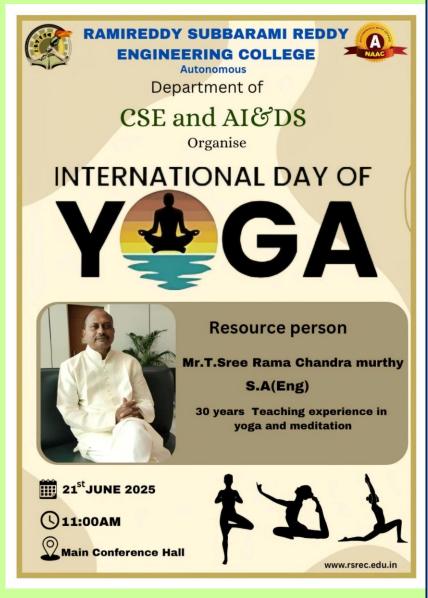
Departmental activities during June - 2025

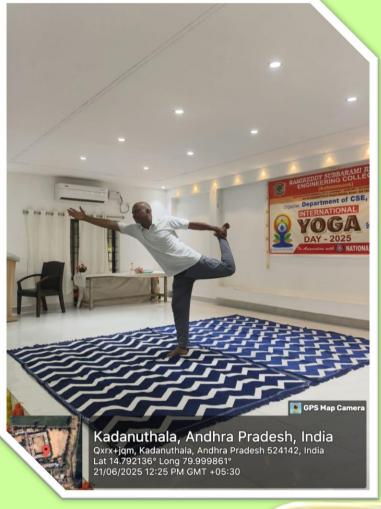
General Event

June 21, 2025:

International Yoga Day, Mr. T. Sree Rama Chandra Murthy S.A (ENG)

- > To highlight the significance of YOGA, the management of RSREC conducted this session.
- Mr. T. Sree Rama Chandra Murthy, acted as the instructor for the session.
- Session was conducted at the auditorium of the institute for the faculty members of all departments including EEE.
- Several Yogasanas were performed by the instructor and were made to perform by the faculty gathering.
- ➤ Below are the photo glimpses:





Instructor Performing Yogasana





Principal, Dr. P. V. N, Reddy sir at the session



Kadanuthala, Andhra Pradesh, India Qxrx+jqm, Kadanuthala, Andhra Pradesh 524142, India Lat 14.79213° Long 79.999863° 21/06/2025 12:26 PM GMT +05:30

Faculty members performing Yogasanas

Departmental activities during July - 2025

Academic Event

July 05, 2025:

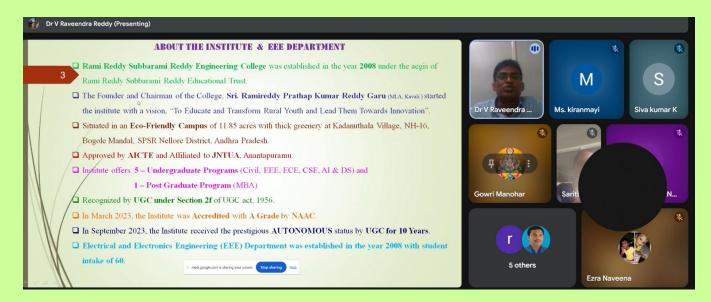
Third Board of Studies (BoS) Meeting, Convened by Dr. V. Raveendra Reddy, HOD, EEE

- ➤ The third board of studies (BoS) meeting for the Academic Year 2025 2026 was held on Saturday, the July 05, 2025 at 11:30am in mixed mode.
- ➤ Google meet Link: (<u>https://meet.google.com/gws-rutn-fga</u>)
- The meeting began at 11:50 AM and was presided over by BoS Chairman and HOD of EEE Dr. Vasepalli Raveendra Reddy.
- Meeting conducted in Mixed Mode Viz. Both Online (For External BoS Members) and Offline (For Internal BoS Members).
- Members in the attendance included: of the 13 BoS members, all attended.
- Agenda: Discuss and approval of syllabus for III and IV B.Tech. EEE for Autonomous batch.
- ➤ Below are the screen shots and photo glimpses:

Picture-1: Welcome Address & Presentation by the BoS Chairman Dr. V. Raveendra Reddy



Picture-2: About EEE Department - Presentation by the BoS Chairman



Picture-3: Course Content- Presentation by the BoS Chairman (III/I Course)







Picture-4: <u>BoS Internal Members</u>, at the Session who joined off-line

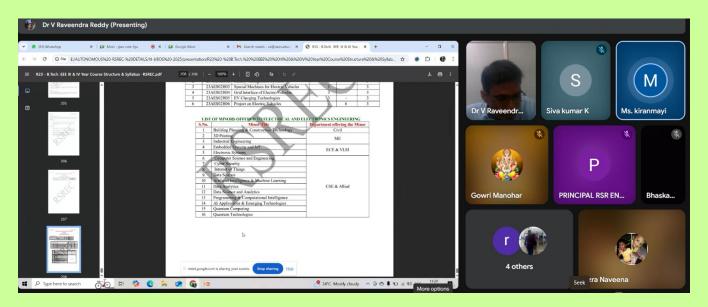
Picture-5: <u>Dr. K. Siva Kumar (BoS External Member, IIT Hyderabad) - Suggestions regarding</u> <u>Syllabus</u>



Picture-6: Dr. T. Gowri Manohar (BoS External Member, SVU, Tirupati) - Suggestions



Picture-7 Prof. R. Kiranmayi (BoS University Nominee, JNTUA) – Suggestions



Picture-8: Members in the meeting



Picture 9: Principals Address at the End of BoS Session



Picture 11: Vote-of-Thanks by the Dr. V. Raveendra Reddy, BoS Chairman, EEE



July 11, 2025:

Celebrating Failures – To inspire Young Minds (Online Session)

by

Mr. Mayank Bidawatka (Co-Founder, Koo, Bangalore)

[At CR – 410, IV EEE Class Room]

- ➤ Celebrating failures is an unique initiative by AICTE and MOEs innovation cell.
- The program is convened by Dr. Abhay Jere, Vice Chairman, AICTE.
- Session was a live telecast on YouTube® via the link:
 https://www.youtube.com/watch?v=09TICgO5A5A&t=290s
 telecasted on July 11th, 2025.
- > Session presented the success of actually getting or making a startup successful.
- > Speaker for the session was Mr. **Mayank Bidawatka** Co-founder of Koo, Once competitor for the twitter.
- Session detailed about the journey, what prompted Mr. **Mayank Bidawatka** to start Koo, what were his struggles during the Koo and Why should he close the entire setup?
- > Speaker in his words stated how they started the journey to cater folks from whom twitter was a bit of an alien. Media projected this Koo as perfect fit alternative.
- ➤ He stated that Koo cannot use micro blogging in English.
- ➤ He further stated that, Koo was built for folks who prefer native language.
- ➤ He stated that, industry standards related to monetization were not met by Koo.
- > The entire session was telecasted exclusively to the students of IV EEE in CR- 410,
- > Photographs of the Session are shown below:







Students witnessing the Live telecast









July 19, 2025:

Academic Council Meeting – JNTUA

- ➤ The academic council meeting for the AY: 2025 2026 was held on July 19, 2025 in the Conference room of the institute.
- Principal, Controller of Examinations, HODs of all the departments, AO and IQAC coordinator attended the meeting.
- ➤ Meeting started at 11:30 AM and lasted till 01:00 PM.
- Meeting was headed by the Principal Dr. P. V. N Reddy and he presented the agenda.
- > CE (Controller of Examinations), Dr. V. Raveendra Reddy, Associate Professor in EEE stated the examination reforms and their implementation to the other council members.
- **Below** is the photo glimpses of the event:



Academic Council Members (Internal) Staring from left:

Sitting in back row: Mr. K. Ramesh (CSE HOD)

Sitting in front row: Dr. K. Lakshmi (H & S HOD), Mrs. K. V. S. Gayathri (MBA HOD), External Member,

Mr. R. V. Ramana Reddy (AO), Mr. Rama Murthy (English Faculty),

Sitting at right side: Dr. I. Malyadri Reddy, Mr. V. Suneel Reddy (ECE HOD),

Mr. B. Srikanth (Academic Officer), Dr. P. V. N. Reddy (Principal),

Dr. B. Satya Narayana Reddy (IQAC Coordinator) & Dr. V. Raveendra Reddy (EEE HOD and Exams CE)



Faculty Members at the Council Meeting



Principal Dr. P.V. N. Reddy presenting the agendas



Principal Dr. P.V. N. Reddy & Council members listening to university members and External members Suggestions



July 23, 2025:

Awareness Program on UPSC Civil Services by Sri M. UDAY KRISHNA REDDY (UPSC Civil Service Ranker)

- ➤ EEE Department students of NSS unit in association with Mana Reddy foundation conducted this event.
- This is an external event (Outside the Institution).
- > Event stared at 03:30Pm and lasted for two hours.
- The importance of civil services and the way of cracking the interview were explained by the speaker.
- > Speaker stressed on the key points of UPSC such as:
 - 1) Civil servants playing a crucial role in government sectors.
 - 2) Job security
 - 3) Level of competition for the exam.
 - 4) Skillset requirement etc.
- > Students interacted with the speaker and were motivated by the answers given by the speaker.
- > Below is the list of photographs for the session:



Dias for the session conducted at Kavali



Welcoming the Keynote Speaker with flowers by EEE students.

Starting from Left: Pavithra (IV EEE)



IV EEE students

Seated starting at third row till fifth row (Right to left): Maneesha, Janapriya, Ramya Sri, Gopika, Raja Rajeswari, Sravani, Sireesha, Akshitha & Archana



Group Photograph:

IV EEE students: Maneesha, Janapriya, Ramya Sri, Gopika, Raja Rajeswari, Sravani, Sireesha, Akshitha, Archana & Madhan and Mr. Y. Kiran Kumar (Assistant Professor in Chemistry) with the Keynote Speaker at the end of the session

July 29, 2025:

5th Anniversary of the National Educational Policy (NEP – 2020)

Technical / Innovative Event

Expert talk and motivational session:

"Empowering India through Interdisciplinary Innovation & Entrepreneurship"

by Dr. P. Veera Narayana Reddy, Principal, RSREC.

- > Speaker for the session was fixed as, Dr. P. V. N. Reddy, Principal, RSREC.
- ➤ The session was organized in association with IIC of RSREC.
- Session was conducted from 2:30 AM onwards in the auditorium of RSREC.
- Mr. Abdul Kareem and Ms. Akshitha of IV EEE hosted the session.
- > Speaker, Dr. P. V. N Reddy in his message stated that, To transform our country's educational system, the union cabinet launched NEP 2020, which replaced the earlier National Policy on Education, 1986.
- ➤ He stated that right from the childhood till higher education there is a transformation achieved via NEP 2020.
- ➤ He further stated the improvement in Literacy percentage during the past decade.
- ➤ He explained the agenda of NEP 2020 which is aligned with sustainable development goals (SDG4).
- ➤ He highlighted the past 5-year achievements in educational sector via NEP 2020.
- Session lasted for one and half an hour and ended with Vote of thanks.
- ➤ Below are the photographs shot during the session:



zzzz

RAMIREDDY SUBBARAMI REDDY ENGINEERING COLLEGE



AUTONOMOUS



5th Anniversary of NEP 2020

"EMPOWERING INDIA THROUGH INTERDISCIPLINARY INNOVATION & ENTREPRENEURSHIP"



Speaker: Dr. P. V. N. Reddy Principal



02:30 PM



www.rsrec.edu.in

Session Banner / Poster



Welcoming the Principal onto the dais by Ms. Yamini of IV EEE



Welcoming the IQAC Coordinator & IIC President Dr. B. Satya Narayana Reddy onto the dais



IV EEE students witnessing the session: Starting from left: Yamini, Maheshwari, Lakshmi Prasanna, Sravani, Raja Rajeswari, Sireesha, Abdul Kareem, Akshitha



Keynote Speaker: Dr. P. V. N. Reddy garu address at the session

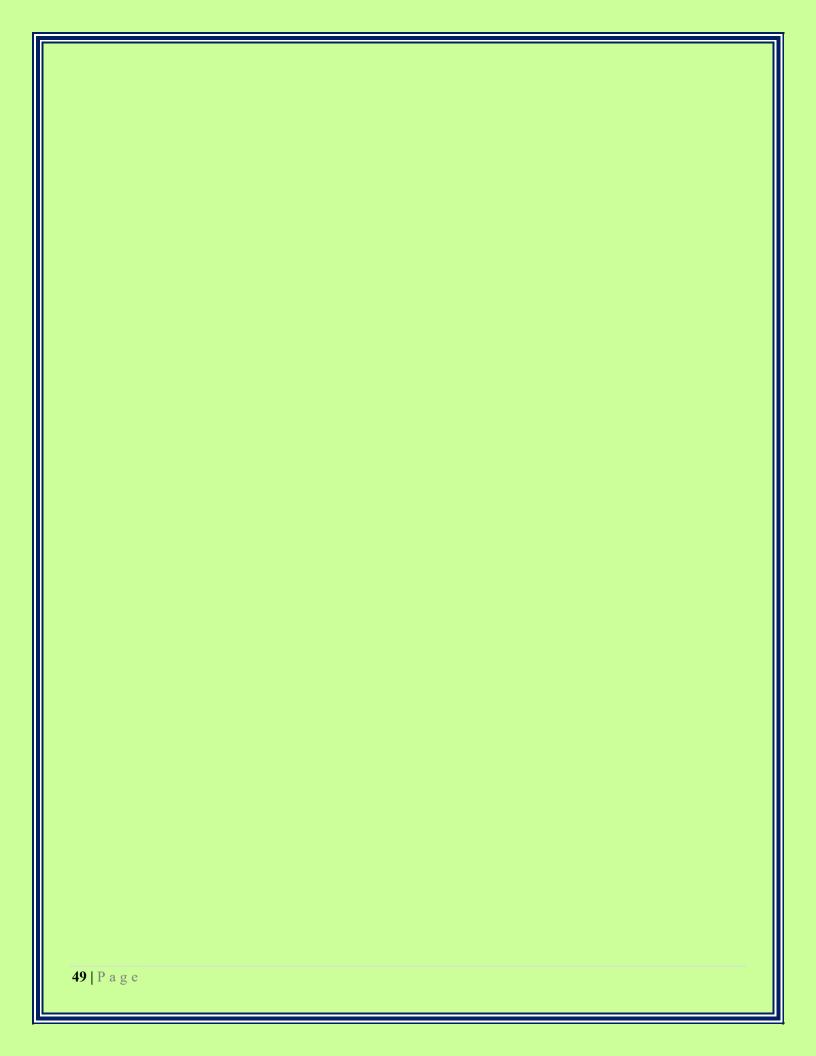
Departmental activities during August- 2025



August 09, 2025:

Raksha Bandhan (Rakhi Festival)

- A festival of brotherhood and love for sister, Rakhi festival was celebrated by the students of IV EEE.
- > This is celebrated to remember the sacred bond beyond siblings and care for one another.
- ➤ Photo Glimpses are as shown below:



August 15, 2025:

Independence Day Celebrations

National Importance Event (General Event)

(Conducted by ECE Dept. in Association with NSS students of EEE & Others)

- The department of ECE in association with NSS unit and EEE students conducted 79th Independence Day.
- Traditional flag hoisting ceremony was performed by Dr. P. V. N. Reddy, Principal.
- Among the invitees were, Honourable Director, Prof. Dr. Kadati Raja Reddy Sir and other esteemed faculty members.
- The history of Indian independence and the struggle of freedom fighters were clearly explained by Dr. K. Raja Reddy sir.
- Adding to this, Principal Dr. P. V. N. Reddy sir stated that, the country is advancing in 5G/6G technology, electric vehicles, green energy, semiconductor manufacturing, and is projected to be the third-largest economy.
- > Prizes were distributed to the winners in essay writing, Drawing and elocution competition.
- Two of our EEE students bagged prizes in the events.
- > Below is the portray of photographs shot during the event:

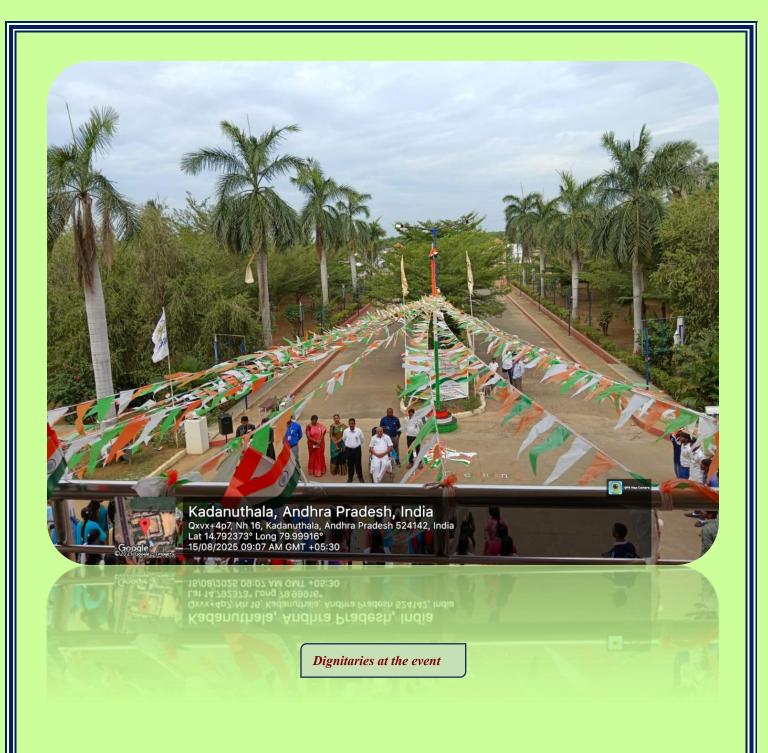


Banner / Poster



In the photograph:

Starting from left: Srujan (student anchor), Mr. A. Kiran Kumar (Physical Director), Dr. P. Brundavani (Assoc. Prof ECE) Dr. P. V. N. Reddy (Principal), Dr. Kadati Raja Reddy (Hon. Director) and Mr. R. V. Ramana Reddy (Admin. Officer)





Principal Dr. P.V. N. Reddy sir delivering the speech



II EEE, CR – Mr. Thandayam Gowrisankar Receiving Prize from Dr. M. Kondaiah (Asst. Prof in ECE)



III EEE, Ms. CH. Lavanya Receiving Prize from Dr. P. V. N. Reddy garu (Principal)

August 20 & 21

Technical Event

Two-day workshop on "Emerging Technologies for Engineers: Defence,

AI & Cyber Security Perspectives" by Commander Sri Y.V.V. PRASAD

- This event is an initiative by Dr. K. Raja Reddy garu, Director and Professor in EEE
- > Speaker for the Sessions was **Sri Y. V. V. Prasad** garu, **Commander**.
- > Speaker in his address in the two days sessions, guided the students towards a rent less pursuit of excellence in education and shaping of their career through AI initiatives and cyber security basics.
- ➤ On the afternoon of closing day i.e. Aug 21, 2025, an exclusive program was arranged for the faculty members.
- ➤ Program was entitled as, "New Initiatives: Recommended Strategy With Commander Y. V. V, Prasad".
- > Speaker explained various key concepts viz. institution roles, profession responsibility of the professor, enhancing the reputation of the institute, formation of design groups, association of the institute with the industry, introducing executive development programs etc.
- ➤ He further inspired the teachers by motivating the teachers to see that every student excels, promotion of ideas of young talents, bringing communication skills, managing the student's talent, framing appreciation rule for the students etc.
- > Session truly inspired all the faculty gathering and ended with vote of thanks by the principal.
- > Below are the photographs of the session:



(Seated, Starting from left to right) Director, Dr. K. Raja Reddy garu Sri Y. V. V. Prasad garu addressing the gathering, and the Principal Dr. P. V. N. Reddy



Commander, Sri Y. V. V. Prasad garu addressing the gathering on Day-1



Principal Dr. P. V. N. Reddy garu addressing the faculty gathering on Day-2



Principal Dr. P. V. N. Reddy garu, Director Dr. K. Raja Reddy garu and the other faculty members witnessing the session on Day-2

RAMIREDDY SUBBARAMI REDDY ENGINEERING COLLEGE (AUTONOMOUS)

SALIENT FEATURES OF RSREC

- Autonomous Institution with NAAC 'A' Grade with 3.17 CGPA.
- · Outcome Based Education (OBE) system.
- · Promotes self-learning and experiential learning.
- Industry connected academic environment which allows students for internship.
- Provisions in the curriculum to undergo MOOC's from e-Learning platforms like SWAYAM, Course Era, Udemy, etc.
- At least one value added course is provided in each semester.
- Campus Recruitment Training (CRT) is offered by industry experts to impart employability skills among students from 1st year onwards.
- Imparts coding skills (C, Java, Python) through a customized and dedicated Al driven Assessment and LMS platform called "Instacks".
- Counselling and brainstorming sessions on career development from 1st year onwards.
- Green campus with abundant plantation which reduces mental stress and keeps surroundings fresh.
- Encourages students to join National Service Scheme to bring up social consciousness and personality development through community service.
- Encouraged to participate in sports and cultural events.
- 300 computer systems with latest configuration spread across 5 state-of-the-art computer labs provided with uninterrupted internet and LAN facilities.
- Indoor Auditorium with a seating capacity of 400.
- · Wi-Fi enabled campus.

