

TECH TIMES

Vol.2, Issue.1 Jan– April 2025

A Newsletter of

Department of CSE and AI&DS

RSREC (AUTONOMOUS), Kadanuthala, Kavali, Nellore Dt.



RAMIREDDY SUBBARAMI REDDY ENGINEERING COLLEGE

AN UGC AUTONOMOUS INSTITUTION

Accredited with 'A' Grade (3.17/4.00) by NAAC | Approved by AICTE | Affiliated to JNTUA

Recognized by UGC under section 2(f) of UGC Act, 1956 | An ISO Certified Institution

NH-16, Kadanuthala (V), Bogole (M), SPSR Nellore Dt. Andhra Pradesh.



OUR COLLEGE VISIONARIES



Er. R. Pratap Kumar Reddy
Founder Chairman



Dr. K. Raja Reddy
Director



Dr. P. V. N. Reddy
Principal



Mr. R. V. Ramana Reddy
Administrative officer

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VISION AND MISSION OF THE INSTITUTE

VISION

To transform rural youth through Science and Technology and creating an innovative knowledge hub whose initiative 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.

VISION AND MISSION OF THE DEPARTMENT- CSE AND AI & DS

VISION

To enhance software talent by providing differentiated education and interdisciplinary skills, cultivating critical thinkers who possess global competitiveness, and aligning with industry needs to empower community development, drive innovation, and contribute to national growth.

MISSION

Fostering a community of critically thinking software professionals, equipped with interdisciplinary expertise, to address industry needs, drive societal impact, and contribute to national development.

ABOUT THE DEPARTMENT:

The Department of **Computer Science and Engineering** was established in the year 2008 with an intake of 60 students in Bachelor of Engineering Programme. The Department has progressively expanded its intake to 300 students by the year 2024.

The Department is involved and aiming at the collaboration process from both Industry and Academics. It also promotes active Industry-Institute collaboration by identifying areas of interest and taking part in research projects.

The Department has well established laboratories with latest hardware devices and software tools. It has sufficient well qualified and experienced technical and supporting staff.

The Department of **Artificial Intelligence and Data Science** was established in the year 2021 with an intake of 60 students in Bachelor of Engineering Programme.

The Department is mainly focuses on preparing the students for wide range of IT careers equipping them with unique enriching experience of moulding tomorrow's technocrats with high calibre and commitment.

The Department offers specialized training in Artificial Intelligence, Machine Learning, Data Science, Cloud Computing, IoT, Cyber Security, Deep Learning, Image Processing, Information Security and Computer Networks.

Message from HoD's Desk



Mr. K.RAMESH

HoD Department of CSE and AI&DS

Dear Readers,

It gives me an immense pleasure to introduce our Department Newsletter “TECH TIMES”. The Dept of CSE and AI & DS is the dynamic and vibrant department with the blend of young and experienced Faculty. The Department is actively involved in academic as well as research work in current areas of Computer Science Engineering and multi-disciplinary streams. The department has well equipped labs with the latest software, hardware and machineries. The faculty members are constantly publishing technical papers in national and International Journals and Conferences. The department is fortunate to have dedicated teachers, devoted students, and committed supporting staff and expert technical staff.

Let me conclude my thoughts with a saying,

Education is a continual process, it's like a bicycle ...

If you don't pedal you don't go forward.

Message from Editor's Desk:



Dr. P. Dileep Kumar
Professor, Dept. of CSE

Dear Readers,

I am delighted to bring out our department Newsletter “TECH TIMES”. This Newsletter will showcase the activities and credentials of our department staff and students. I wish to express my gratitude for the invaluable encouragement and support given by our beloved Principal, A O, HoD and staff. I wish all the readers an enjoyable reading.

Let me conclude my thoughts with a saying,

Education's purpose is to replace an empty mind with an open one.

DEPARTMENT EVENTS

TECHNOPULSE 2K25

A National Level TECHNOPULSE 2k25 (Technical Symposium) was organized by the Department of Computer Science and Engineering & Artificial Intelligence and Data Science on 22nd March 2024. On this occasion, a poster was inaugurated on 05th March 2025 by our esteemed Principal Dr. P. Veera Narayana Reddy, A.O Mr. P. Ramana Reddy, Head of the Department Prof. K. Ramesh and all other dignitaries.



TECHNOPULSE 2K25 BROUCHER INAUGURATION



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 NH-16, Kadanuthala (V), Bogolu (M), SPSR Nellore Dt. Andhra Pradesh.




TECHNOPULSE-2K25

WIN PRIZES!!

FREE Registration

TECHNICAL EVENTS

PAPER PRESENTATION POSTER PRESENTATION	PROJECT EXPO TECHNICAL QUIZ	DEBUGGING
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22 MAR 2025

CSE - AI&DS

- CLOUD COMPUTING
- CYBER SECURITY
- ARTIFICIAL INTELLIGENCE
- MACHINE LEARNING

ECE

- VLSI DESIGN
- SIGNAL PROCESSING
- IMAGE PROCESSING
- EMBEDDED SYSTEMS
- MICROWAVE & OPTICAL COMMUNICATIONS

EEE

- RENEWABLE ENERGY SOURCES
- SMART GRIDS
- ELECTRIC VEHICLE TECHNOLOGIES
- POWER SYSTEM CONTROL
- POWER QUALITY

CIVIL

- SMART CITY
- SMART AGRICULTURE
- 3D PRINTING
- IOT APPLICATIONS IN CIVIL ENGINEERING

FACULTY CO-ORDINATORS

Mr.V.PAVAN KUMAR	CSE-AI&DS (8300437889)
Dr.P.BRUNDHAVANI	ECE (8919600026)
Mr.CH.LENIN BABU	EEE (8074417356)
Ms.Ch.VINATHI RAJ	CIVIL (8978068810)



SCAN ME

STUDENT CO-ORDINATORS

SK.MD.YUNIS	CSE (9121348145)
SYED SAMEER	AI&DS (8074743634)
K.SRUJAN	ECE (6302045767)
CH.V.R.SAI	EEE (6330729034)
G.NAVEEN	CIVIL (9059719921)

CHIEF PATRON
Er. R. PRATHAP KUMAR REDDY
CHAIRMAN, RSREC

PATRON
Dr. K.RAJA REDDY DIRECTOR, RSREC
Dr. P.V.N REDDY PRINCIPAL, RSREC
Mr. R.V.RAMANA REDDY A.O. RSREC

CONVENER
Dr.P.DILEEP KUMAR
PROF-CSE, RSREC

CSE - AI&DS
Mr. K. RAMESHHOD
csetechnopulsersrec@gmail.com

ECE
Mr. V. SUNEEL REDDYHOD
ecetechnopulsersrec@gmail.com

EEE
Mr. P. V. RAMKUMARHOD
eeetechnopulsersrec@gmail.com

CIVIL
Mr. V. AMARNADH REDDYHOD
civiltechnopulsersrec@gmail.com

LAST DATE OF SUBMISSION - 16 MARCH, 2025 **ACCEPTANCE AND INTIMATION DATE : 18 MARCH, 2025** www.rsrec.edu.in

TECHNOPULSE 2K25 BROUCHER



LIGHTNING THE LAMP BY PRINCIPAL OF RSREC



CLASSICAL DANCE PERFORMANCE



FACULTIES AND STUDENTS GATHERED AT TECHOPULSE



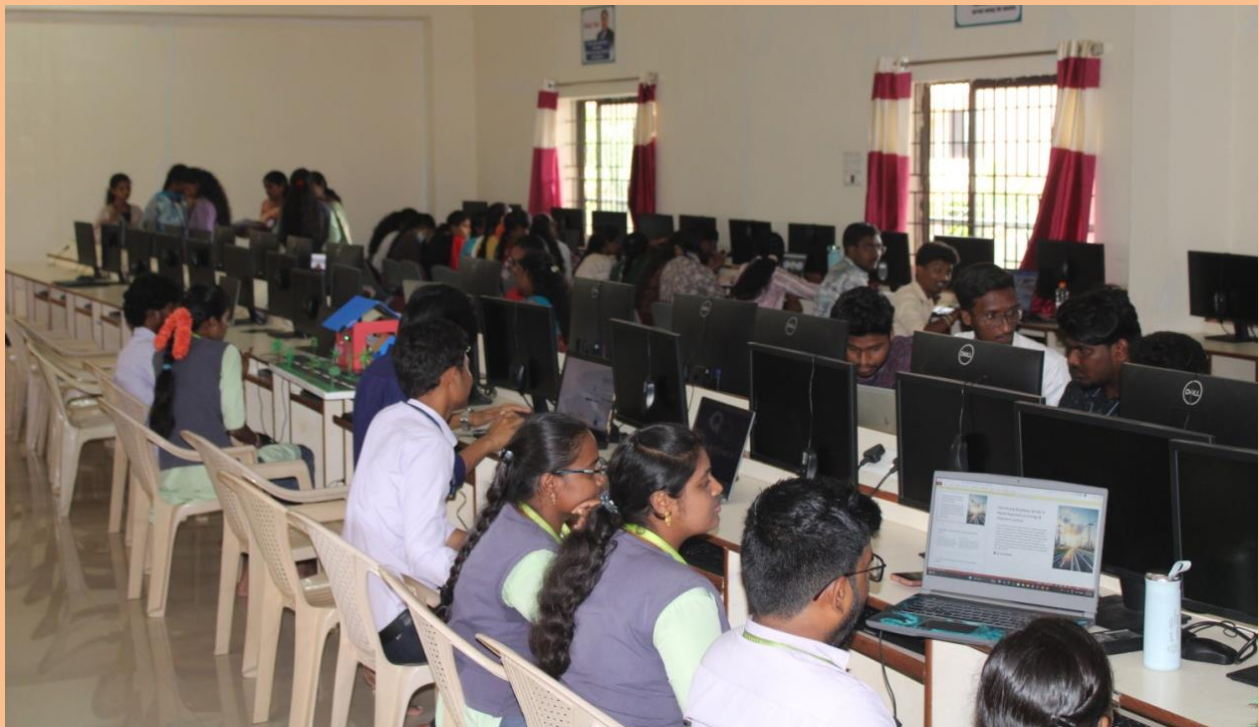
DIGNITARIES ON THE DESK



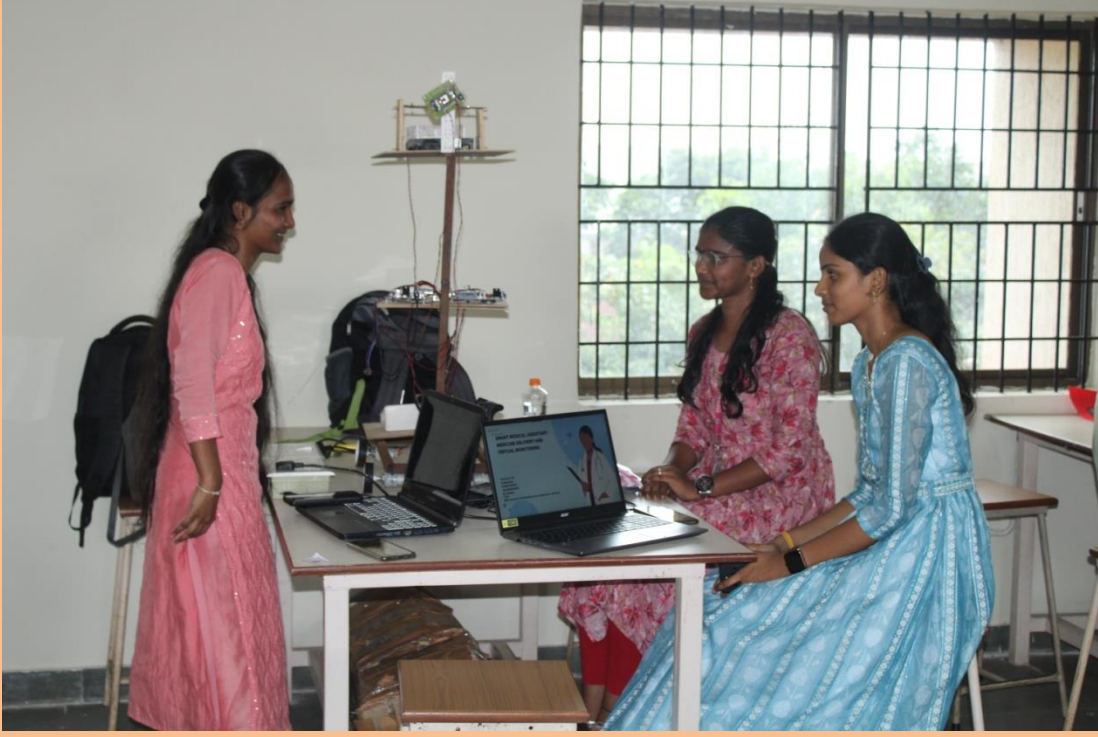
PAPER PRESENTATION BY STUDENTS



DEBUGGING CONTEST



PROJECT EXPO-CSE



PROJECT EXPO

ఆర్ ఎస్ ఆర్ లో ఘనంగా టెక్నోపల్స్ 2025

బీటగుంట మార్చి 22

ప్రభాతవార్త : బోగోలు మండలం కడనూతల గ్రామంలో గల రామిరెడ్డి సుబ్బరామిరెడ్డి ఇంజనీరింగ్ కళాశాలలో శనివారం నాడు “టెక్నోపల్స్ 2025” పేరుతో జాతీయస్థాయిలో సాంకేతిక విద్యపై ఒకరోజు సింపోసియం నిర్వహించినట్లు కళాశాల ప్రిన్సిపాల్ డాక్టర్ పిఎన్ రెడ్డి తెలిపారు. ఈ సింపోసిమ్ కి జాతీయస్థాయిలో దాదాపు 1000 పేపర్ల వరకు రాగా వాటిలో మెరిట్ పేపర్లను 200 వరకు బ్రాంచ్ వైస్ సెలెక్ట్ చేసి వారిని ఆహ్వానించినట్లు తెలిపారు. అలాగే బ్రాంచ్ వైస్ అత్యంత ప్రతిభ కనపర్చిన వారిని న్యాయ నిర్ణీతలు సెలెక్ట్ చేసిన వాళ్లకు నగదు బహుమతి తో పాటు ప్రశంస పత్రాలను అందజేసినట్లు తెలియజేశారు. ఇంకా వారు ఈ కార్యక్రమం వల్ల సాంకేతిక విద్యలో విద్యార్థిని విద్యార్థులు దాగివున్న సృజనాత్మకత చురుకుదనం వంటి ప్రతిభ వెలికి తీయుటకు తోడ్పడుతుందని తెలిపారు. ఈ కార్యక్రమంలో ఏఓఆర్వి రమణారెడ్డి, టెక్నోపల్స్ కన్వీనర్ డాక్టర్ దిలీప్ కుమార్ అన్ని విభాగాల అధిపతులు, అధ్యాపకులు విద్యార్థులు పాల్గొని విజయవంతం చేశారు.



ఆర్ ఎస్ ఆర్ లో ఘనంగా టెక్నోపల్స్ 2025



బీట్రగుంట మార్చి 22 స్టేట్ రిపోర్ట్ బోగోలు మండలం కడనూతల గ్రామంలో గల రామిరెడ్డి సుబ్బరామిరెడ్డి ఇంజనీరింగ్ కళాశాలలో శనివారం నాడు “టెక్నోపల్స్ 2025” పేరుతో జాతీయస్థాయిలో సాంకేతిక విద్యపై ఒకరోజు సింపోసియం నిర్వహించినట్లు కళాశాల ప్రిన్సిపాల్ డాక్టర్ పివిఎన్ రెడ్డి గారు తెలిపారు. ఈ సింపోసిమ్ కి జాతీయస్థాయిలో దాదాపు 1000 పేపర్ల వరకు రాగా వాటిలో మెరిట్ పేపర్లను 200 వరకు బ్రాంచ్ వైస్%త్రీ% సెలెక్ట్ చేసి వారిని ఆహ్వానించినట్లు



తెలిపారు. అలాగే బ్రాంచ్ వైస్ అత్యంత ప్రతిభ కనపర్చిన వారిని న్యాయ నిర్ణీతలు సెలెక్ట్ చేసిన వాళ్ళకు నగదు బహుమతి తో పాటు ప్రశంస పత్రాలను అందజేసినట్లు వారు తెలియజేశారు. ఇంకా వారు మాట్లాడుతూ ఈ కార్యక్రమం వల్ల సాంకేతిక విద్యలో విద్యార్థిని విద్యార్థులు దాగివున్న సృజనాత్మకత చురుకుదనం వంటి ప్రతిభ వెలుకు తీయుటకు తోడ్పడుతుందని తెలిపారు. ఈ కార్యక్రమంలో ఏఓఆర్వి రమణారెడ్డి, టెక్నోపల్స్ కన్వీనర్ డాక్టర్ దిలీప్ కుమార్ అన్ని విభాగాల అధిపతులు, అధ్యాపకులు విద్యార్థులు పాల్గొని విజయవంతం చేశారు.

ఆర్ఎస్ఆర్లో ఘనంగా టెక్నోపల్స్ 2025



కావలి, మార్చి 22, (ఆంధ్రా పవర్) :బోగోలు మండలం కడనూతల గ్రామంలో గల రామిరెడ్డి సుబ్బరామిరెడ్డి ఇంజనీరింగ్ కళాశాలలో శనివారం నాడు “టెక్నోపల్స్ 2025” పేరుతో జాతీయస్థాయిలో సాంకేతిక విద్యపై ఒకరోజు సింపోసియం నిర్వహించినట్లు కళాశాల ప్రిన్సిపాల్ డాక్టర్ పివిఎన్ రెడ్డి గారు తెలిపారు. ఈ సింపోసిమ్ కి జాతీయస్థాయిలో దాదాపు 1000 పేపర్ల వరకు రాగా వాటిలో మెరిట్ పేపర్లను 200 వరకు బ్రాంచ్ వైస్%త్రీ% సెలెక్ట్ చేసి వారిని ఆహ్వానించినట్లు తెలిపారు. అలాగే బ్రాంచ్ వైస్ అత్యంత ప్రతిభ కనపర్చిన వారిని న్యాయ నిర్ణీతలు సెలెక్ట్ చేసిన వాళ్ళకు నగదు బహుమతి తో పాటు ప్రశంస పత్రాలను అందజేసినట్లు వారు తెలియజేశారు. ఇంకా వారు మాట్లాడుతూ ఈ కార్యక్రమం వల్ల సాంకేతిక విద్యలో విద్యార్థిని విద్యార్థులు దాగివున్న సృజనాత్మకత చురుకుదనం వంటి ప్రతిభ వెలుకు తీయుటకు తోడ్పడుతుందని తెలిపారు. ఈ కార్యక్రమంలో ఏఓఆర్వి రమణారెడ్డి, టెక్నోపల్స్ కన్వీనర్ డాక్టర్ దిలీప్ కుమార్ అన్ని విభాగాల అధిపతులు, అధ్యాపకులు విద్యార్థులు పాల్గొని విజయవంతం చేశారు.

NEWS COVERAGES ON TECHNOPULSE EVENT

ABOUT TECHNOPULSE

1	Name of the Event	Technopulse 2K25
2	Date/Time /Venue	22.03.2025 RSREC Auditorium
3	Chief Patron	Er. R. Pratap kumar Reddy (Chairman, RSREC)
4	Patrons	Dr. K. Raja Reddy (Director, RSREC) Dr. P. V. N. Reddy (Principal, RSREC) Mr. R. V. Ramana Reddy (A.O, RSREC)
5	Convener	Dr. P. Dileep Kumar (Prof. of CSE)
3	Event Organizers	Mr. K. Ramesh (HOD of CSE) Mr. V. Suneel Reddy (HOD of ECE) Mr. P. V. Ramkumar (HOD of EEE) Mr. Amarnath (HOD of CIVIL)
4	Chief Guest /Resource Person	Dr. P. V. N. Reddy (Principal)
5	No. of Participants	500

CULTURAL FEST 2K25

Cultural Fest 2k25 is organized by CSE Department as a part of this event so many events are organized to improve the extracurricular activities in the students from 17-03-2025 to 28-03-2025.



CULTURAL FEST BROUCHER



ELOCUTION COMPETITION



WINNERS OF ELOCUTION COMPETITION



MEMORY BLAST EVENT



QUIZ COMPETITION EVENT



PRINCIPAL SIR SPPECH ABOUT EVENT



ANTHYAKSHRI EVENT



FACULTY & STUDENTS PARTICIPATION



DANCE PERFORMANCE BY STUDENTS IN CULTURAL FEST

FAREWELL CELEBRATIONS -CSE

Farewell Celebrations 2k25 is organized by CSE Department on 09-04-2025 for IV CSE Students by III CSE Students to express gratitude and well wishes for their future.





SPEECH BY PRINCIPAL SIR & HOD SIR



BEST OUTGOING STUDENT AWARD



GROUP PHOTO OF THE FINAL YEAR STUDENTS



PRIZE DISTRIBUTION



DANCE PERFORMANCES BY STUDENTS

FAREWELL CELEBRATIONS -AI&DS

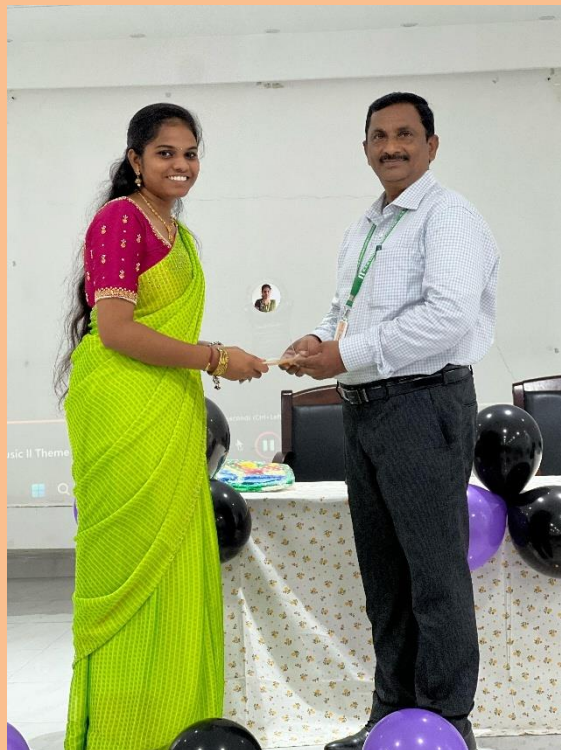
Farewell Celebrations is organized by AI&DS Department on 08-04-2025 to the outgoing IV AI & DS to honor students to honor them and express well wishes by III AI & DS Students



AI&DS FAREWELL PARTY CONDUCTED ON APRIL 08th 2025



BEST OUT-GOING STUDENT AWARD



PRIZE DISTRIBUTION



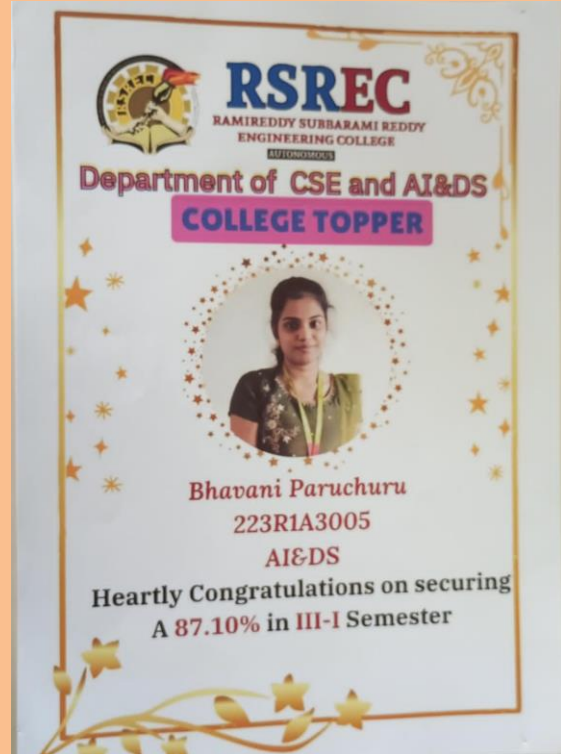
STUDENTS AND FACULTY PARTICIPATION



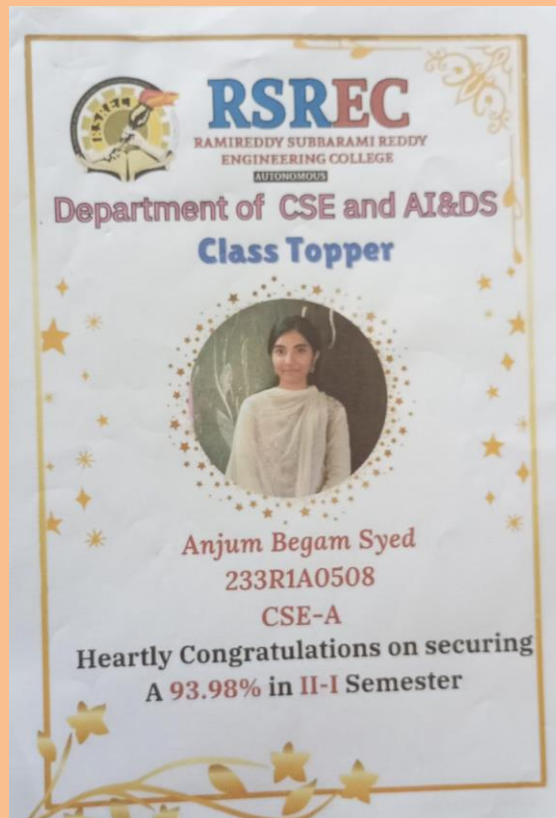
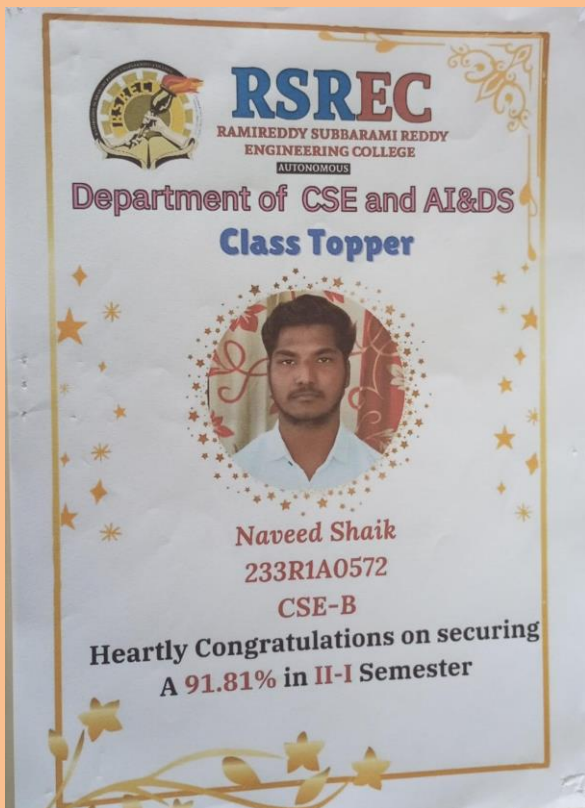
GROUP PHOTO OF FINAL YEAR AI&DS

ACADEMIC TOPPERS

III - I



II - I



IV - I



STUDENT ACHIEVEMENTS

- M. Chiddesh, M. Balaji, Ch. Rishitha from II CSE had participated in Project Expo and Secured 1st Prize Conducted by RSR Engineering college in Technopulse 2k25 Event.
- Sk. Nasreen, B. Viswa from III CSE had participated in Project Expo and Secured 2nd Prize Conducted by RSR Engineering college Technopulse 2k25 Event.
- P. Bhavani, D. Thirupathaiah, K. Lakshmi Megana from II AI & DS had participated in Project Expo has Secured 1st Prize Conducted by RSR Engineering college Technopulse 2k25 Event.
- D. Murali, Sk. Afrin from III CSE has participated in paper presentation and Secured 1st Prize Conducted by RSR Engineering college Technopulse 2k25 Event.
- Ch. Srilakshmi, Ch. Kalayani from II AI & DS has participated in paper presentation and Secured 2nd Prize Conducted by RSR Engineering college Technopulse 2k25 Event.
- M. Naganjaneya, R. Manivardhana from I CSE has participated in Paper presentation and Secured 1st Prize Conducted by RSR Engineering college Technopulse 2k25 Event.
- N. Lavanaya, N. Mithra, B.Mounika, P.Drakshayani from III CSE has participated in Technical Quiz and Secured 1st Prize Conducted by RSR Engineering college Technopulse 2k25 Event.
- Sk. Mohammad Yunis, SK. Meera Jasmin, Y. Manisha, R. Annamaiah from IV has participated in Technical Quiz and Secured 2nd Prize Conducted by RSR Engineering college Technopulse 2k25 Event.
- D. Murali, T. Nagavedasree, S. Mahesh, M. Chandrakishore from IV CSE has participated in Paper presentation and Secured 1st Prize Conducted by RSR Engineering college Technopulse 2k25 Event.

- A. Karthik, A. Samba Siva Rao, Sk. Abdul Raheem from III, IV CSE & AI&DS has participated in 100 meters running and Secured 1st, 2nd, 3rd Prize Conducted by RSR Engineering college.
- M. Vamsi from IV CSE has participated in Disk Throw and Secured 3rd Prize Conducted by RSR Engineering college.
- Venu from III AI&DS has participated in Shot put and Secured 2nd Prize Conducted by RSR Engineering college.
- M. Sravani, P. Radha Kumari from III CSE has participated in Shot put and Secured 2nd Prize Conducted by RSR Engineering college.
- L. Lohitha from III CSE has participated in Long Jump and Secured 1st Prize Conducted by RSR Engineering college.
- Sk. Nafreen, K. Naga Lakshmi, B. Deepika, L. Lohitha from III, II CSE has participated in 4*100 meters Relay and Secured 1st Prize Conducted by RSR Engineering college.
- G. Swathi Lakshmi, M. Maheshwari, G. Shahina, K. SumaLatha from III, II AI&DS has participated in 4*100 meters Relay and Secured 2nd Prize Conducted by RSR Engineering college.

FACULTY ACHIEVEMENTS

BOOKS AND CHAPTERS PUBLISHED BY FACULTY

1. Dr.P.Dileep Kumar, Professor, Artificial Intelligence and Deep Learning, 1st Edition, Scientific International Publishing House(SIPH) ISBN: 978-93-6674-308-0, March 2025.

JOURNALS PUBLICATIONS:

2. **Dr. Dileep kumar Padidem**, has published a paper with title Using Machine Learning and Image Recognition to evaluate water in International Journal of Applied Science Engineering and Management Journal ISSN 2454-9940, Vol 19, Issue 1, 2025 page no. 477- 483.
3. **Dr. P. Dileep kumar Padidem**, has participated and presented a paper in 4th International Conference on Recent Innovations in Computer Engineering and Information Technology on 17th& 18th December 2024, Organized by Dept. of IT, St. Martin's Engineering College, Secunderabad, paper title "**Artificial Intellegence's Machine Learning Approach**", ISBN.No.978-93- 9426-55-3, PAPER ID:ICRICET-24-71