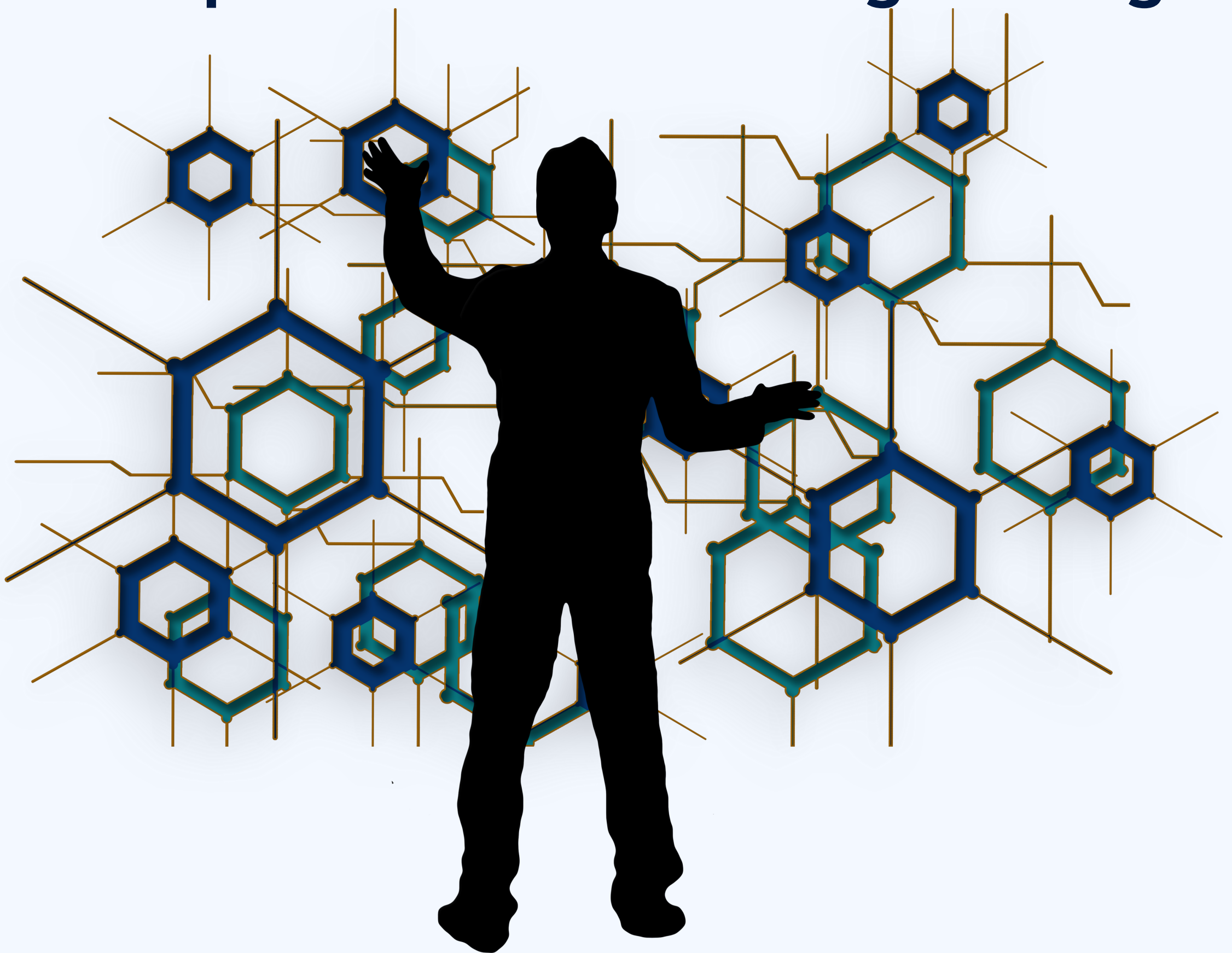# CSE PULSE

BI MONTHLY NEWS LETTER
MARCH 23 TO APRIL 23

Department of
Computer science and Engineering

NALLA NARASIMHA REDDY
Education Society's Group of Institutions - Integrated Campus
(UGC AUTONOMOUS INSTITUTION)

NNRG
Integrated Campus

Nalla Narasimha Reddy
Group of Institutions

EAMCET/ECET/ICET/PGECET Code **NNRG**

Accredited by
NBA
NATIONAL BOARD
for ACCREDITATION
CSE   ECE

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Editorial Board

Name	Designation	Role	Department
Mr. K. Sairam	Asst. Professor	Chief Editor	CSE
Mrs. P. Shanthi Priya	Assoc. Professor	Editor	CSE
Mrs. S. Radhika	Asst. Professor	Editor	CSE
Mr. S. Naveen	Student	Coordinator	III-CSE
Ms. Vaishnavi	Student	Coordinator	III-IT
Mr. G. Sai Sathvik	Student	Coordinator	II-CSE
Mr. D. Omkara Krishna	Student	Coordinator	II-CSE (AIML)
Ms. P. Harshavardhini	Student	Coordinator	II-CSE (DS)
Ms. T. Harshitha	Student	Coordinator	II-IT

VISION & MISSION OF THE INSTITUTE

VISION

To be a premier institution ensuring globally competent and ethically strong professionals.

MISSION

1. To provide higher education by refining the traditional methods of teaching to make globally competent professionals.

2. To impart quality education by providing the state of the art infrastructure and innovative research facilities.

3. To practice and promote high standards of professional ethics, transparency, and accountability.

VISION & MISSION OF THE DEPARTMENT

VISION

To be a center of excellence for creative and innovative Computer Science and Engineering graduates with strong programming skills, research, and industry-ready for building value-based society.

MISSION

1. Imparting the quality technical education through an effective teaching – learning process for producing global competent IT professionals with moral values.

2. Providing the state of the art infrastructure and ICT for Continuous innovative learning and research.

3. Undertake collaboration & Internship with industry to produce industry-ready graduates.

ABOUT THE DEPARTMENT

The department of Computer Science and Engineering was established in the year 2009. The growth of the Department of Computer Science & Engineering is taking strides in strength and in facilities every year. The blooming department is headed by Dr. K. Rameshwaraiah.

The Department is known for its reputed faculty having expertise in diverse fields. The students are primarily trained here to leverage computer software and hardware efficiently to provide them with a Bachelor's Degree in Computer Science. The students of the department actively participate in co-curricular and extra-curricular activities. Tech Samprathi is an informal association of students and faculty of CSE. It conducts various technical events to benefit students in academic and technical skills.

The teaching staff members are dedicated and determined to learn new things and never hesitate to give their best at all the times. Department has 6 computer centers for UG students and 1 Elite Research and Development center apart from labs provided for other branches. All the computers in computer centers are connected via LAN.

The Department is known for its eminent faculty having expertise in diverse fields. The students are primarily trained here to leverage computer software and hardware efficiently.

The main motto of the Department is to bridge the gap between industry and institution and produce industry required tailor-made engineers.

SALIENT FEATURES:

Intake

The growth of the Department is taking strides in strengths and facilities every year.

- The Department offers a four-year course of Bachelors Degree B.Tech in Computer Science and Engineering with an intake of 180 seats.
- The Department offers a four-year course of Bachelors Degree B. Tech. in CSE (Data Science) as an aligned course with an intake of 60 seats was established in the year 2021.
- The Department offers a four-year course for Bachelors Degree B. Tech. in CSE (Artificial Intelligence & Machine Learning) as an aligned course with an intake of 120 seats was established in the year 2021.

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Accreditations

➢ The department is accredited by the National Board of Accreditation (NBA) in the years 2018 & 2021.

Infrastructure

Department tailors industry required computer professionals to bridge the technological gap between Academia and Industry. It instigates the latest innovations in the new era of the world of computer science and the faculty enthusiastically involves in imparting programming roots of various technologies. Computer science and engineering comprise a total of nine computer labs with more than 400 high-end systems with software recommended by JNTUH and AICTE. UG & PG students are enforced to practice all the lab sessions in a LINUX environment.

Faculty

The teaching staff members are dedicated and determined to learn new things and never hesitate to give their best at all times. The department contains more than 40 faculty members including Professors, Associate Professors, and Assistant Professors. In addition to teaching faculty, we have non-faculty and system administrators. Department has 9 computer centers for UG students and 1 Elite Research and Development center apart from labs provided for other branches. All the computers in computer centers are connected via LAN.

The teaching staff members are dedicated and determined to learn new Technologies, update their subject knowledge, and to give their best all the time. The department enforced association with professional societies like IEEE, CSI, ISTE, etc.

The department of CSE is having an academic alliance with ORACLE Academy, VM Ware, and DELL EMC.

FACULTY ACHIEVEMENTS

Patents

- ➢ Dr. S. Sree Hari Raju," Block Chain Based Centralized Cloud Application in Smart Cities", Application no 202341003902 , published date : 02/03/2023

Journals / Conferences

- ➢ Dr. K. Srinivasa Babu Kasturi, "Prediction of Toxins in Chemical Industry by implementing Machine Learning Algorithms", Vol. 12(S Issue 4), ISSN:2063-5346.
- ➢ Mr A Naveen, "A Comprehensive survey on student engagement level detection using Deep Learning", in International Conference on Artificial intelligence & Digital twin technology(IconAIDTT-2023) in April 2023.

Workshops / FDP's Attended

- ➢ Mrs. A. Prashanthi, has attended FDP on "Exploratory Data Analysis For Deep Learning Using Python And Microsoft Power Bi" conducted by the Department of Computer Science Engineering NIT Warangal, from 31st March- 04th April 2023.
- ➢ Mrs. T.Swathi, has attended FDP on "Ethical Hacking" conducted KITS Guntur, from 27th - 3rd Mar2023.
- ➢ Mrs. A. Prashanthi, has attended FDP on "Quantum Computing And Its Applications: Modern Approaches And Practices" conducted by National Institute of Technology, Raipur, from 27th Feb - 03rd March 2023.
- ➢ Mrs. A. Prashanthi, has attended FDP on "Machine Learning And Iot Applications" conducted by Osmania University, Hyderabad, Telangana in association with CCE, NIT, from 31st March- 04th April 2023.
- ➢ Mr G. Venu Gopal, has attended FDP on "Artificial intelligence machine learnign and deep learing applications" conducted by NIT Warangal, from 27th 31 Mar - 09 Apr 2023.
- ➢ Mrs S Radhika, has attended FDP on "Artificial intelligence machine learnign and deep learing applications" conducted by NIT Warangal, from 27th 31 Mar - 09 Apr 2023.
- ➢ Mrs. A. Prashanthi, has attended FDP on "Machine Learning In Big Data Applications And Security Challenges" conducted by MLR Institute of Technology, from 24th April - 29th April 2023.

➢ Mrs. A. Prashanthi, has attended FDP on "Machine Learning In Big Data Applications And Security Challenges" conducted by MLR Institute of Technology, from 24th April - 29th April 2023.

NPTEL Certifications

➢ Dr. S. Sree Hari Raju, NPTEL certification on "Data Mining", organized by IIT Kharagpur, Jan-Mar 2023 (8 weeks).

➢ Mrs. N Samatha, NPTEL certification on "Introduction to Automata, Languages and Computation", organized by IIT Kharagpur, Jan - Apr 2023 (12 weeks).

➢ Mrs. CH. Jyothi, NPTEL certification on "Computer Networks and Internet Protocol", organized by IIT Madras, - Apr 2023 (12 weeks).

➢ Mr. K. Ashok Kumar, NPTEL certification on "Data Mining", organized by IIT Madras, Jan - Mar 2023 (8 weeks).

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STUDENT ACHIEVEMENTS

Competitive Examinations

➢ Our final year student got 590 rank in gate exam from all over India.

Certification Program

An AWS certification program is conducted to final year students as the part of women empowerment. The students are trained by Honeywell employees in this program and some of the students are certified after successful completion of the program **AWS Certified Cloud Practitioner (CLF-C01).**
This program is conducted in 2 phases for 3 months with hands-on sessions and with the guidance of faculty.

S.No	Name of the Student	Hall Ticket No	AWS Hall Ticket No.	Marks Secured
1	Supriya Gujjari	197Z1A0556	AWS03481429	810/1000
2	Racherla Divya Varma	197Z1A05B3	AWS03479972	780/1000
3	Alam K. Sathya Chowdary	197Z1A0508	AWS03479923	754/1000
4	Anusha Manne	197Z1A0584	AWS03482007	754/1000
5	Davuluri Ankitha	197Z1A0540	AWS03480545	718/1000
6	M. Krithika	197Z1A0575	AWS03480146	711/1000

Student Publications

➢ A. Manideep, Ch. Nandu vardhan reddy, B. Srujana, "Information Hiding Secretly Using Image Steganography", in IJRESM, Volume 6, Issue 1, January 2023, ISSN: 2581-5792.

➢ Farha parveen, Rahul shaik, Shaik Raheem, "Analysis of Women Safety in Public Places Using Machine Learning on Tweets", in IJRESM, Volume 6, Issue 2, January 2023, ISSN: 2581-5792.

➢ K. Malini, Manishka chakravarthy Nalla, G. Shivani, "Object Detection Using Yolo V3", in IJNRD, Volume 8, Issue 2, February 2023, ISSN: 2456-4184.

TRAINING AND PLACEMENT ACTIVITIES

S.No	Roll No	Name of the Student	Branch	Name of the Employer	Photo
1	197Z1A0547	ELURI SUDHA	CSE	TCS	
2	197Z1A0513	A.KAMESH	CSE	TCS	
3	197Z1A0533	NANDU VARDHAN REDDY	CSE	TCS	
4	197Z1A05C2	G.SHARATH REDDY	CSE	TCS	
5	207Z5A0506	KASARLA RAM CHANDRA REDDY	CSE	TCS	
12	197Z1A05A7	PANDUGA PAVITHRA	CSE	ACCENTURE	
13	197Z1A0556	GUJJARI SUPRIYA	CSE	ACCENTURE	
15	197Z1A05E5	VALIPI REDDY KONDAREDDY GOUTHAMI	CSE	CGI	
16	197Z1A0568	KETAN BHAILIKAR	CSE	UNISTRING TECH SOLUTIONS	

18	197Z1A05B3	RACHERLA DIVYA VARMA	CSE	Automotive Robotics India	
19	197Z1A0519	BANDLA AJAY SAMPATH	CSE	Automotive Robotics India	
20	197Z1A0545	DUDDILLA VAISHNAVI	CSE	Automotive Robotics India	
21	197Z1A0548	ESLAVATH NAVEEN KUMAR	CSE	Automotive Robotics India	
22	197Z1A0552	GOLI SAI SAMPATH REDDY	CSE	Automotive Robotics India	
23	197Z1A0559	JAIDI SEVIKA	CSE	Automotive Robotics India	
24	197Z1A05A5	PALEPU REETHIKA	CSE	Automotive Robotics India	
25	197Z1A05A7	PANDUGA PAVITHRA	CSE	Automotive Robotics India	
26	197Z1A0511	ANUMOLU CHARAN	CSE	Automotive Robotics India	
27	197Z1A05C3	SHIVAMPETA VAISHNAVI	CSE	Automotive Robotics India	
28	197Z1A05C6	SINGIRIKONDA DEEKSHITH KUMAR	CSE	Automotive Robotics India	
29	197Z1A05E0	NALLAN CHAKRAVARTHULA SUDHANSU SRI SAI	CSE	Automotive Robotics India	

35	197Z1A05C6	SINGIRIKONDA DEEKSHITH KUMAR	CSE		EIDIKO SYSTEMS INTEGRATORS	
36	197Z1A0581	SOHAN MALLELA	CSE		EIDIKO SYSTEMS INTEGRATORS	
37	197Z1A05A4	PADDA KARTHEEK	CSE		JMAN GROUP	

78	197Z1A05A5	Palepu Reethika	CSE	SUTHERLAND	
79	197Z1A05B3	Racherla Divya varma	CSE	SUTHERLAND	
80	197Z1A05A4	Padda Kartheek	CSE	SUTHERLAND	
81	197Z1A05A8	P.Bhuvanasiri	CSE	SUTHERLAND	
82	197Z1A05B5	Ramidi Sathwik Reddy	CSE	SUTHERLAND	
83	197Z1A05D9	Yerra Pradeep Kumar	CSE	SUTHERLAND	
84	197Z1A0520	Belli Anushasree	CSE	SUTHERLAND	

85	197Z1A05B8	Sandepally Mythili	CSE	SUTHERLAND	
86	197Z1A05D7	Sai Shiva Vuppala	CSE	SUTHERLAND	
87	197Z1A0510	Anarajula Rakesh	CSE	SUTHERLAND	
88	197Z1A0545	Duddilla Vaishnavi	CSE	SUTHERLAND	
89	197Z1A0548	ESLAVATH NAVEEN KUMAR	CSE	SUTHERLAND	
90	207Z5A0506	kasarla ramchandra reddy	CSE	SUTHERLAND	

CO AND EXTRA CURRICULAR ACTIVITIES

❖ TECH SAMPRATHI 2023

- ➤ TECH SAMPRATHI 2023 Tech Samprathi was organized on 9th ,10th and 11th March, 2023.

- ➤ On 9th March, there was a technical fest where students participated in the technical events.

- ➤ On 10th and11thMarch, there was a cultural fest. All the faculty and students actively participated in all the events and made it a great success.

EVENTS IN TECH SAMPRATHI-2K23
- ❖ **paper presentation**
- ❖ **App Expo**
- ❖ **Prochamps**
- ❖ **Combos**

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❖ World IP DAY

Women faculty are felicitated on World IP Day for filing the patent. The program is conducted by IIC in association with the IPR cell and the Women Cell of NNRG on April 26, 2023.

"Failure comes only when we forget our ideals and objectives and principles."
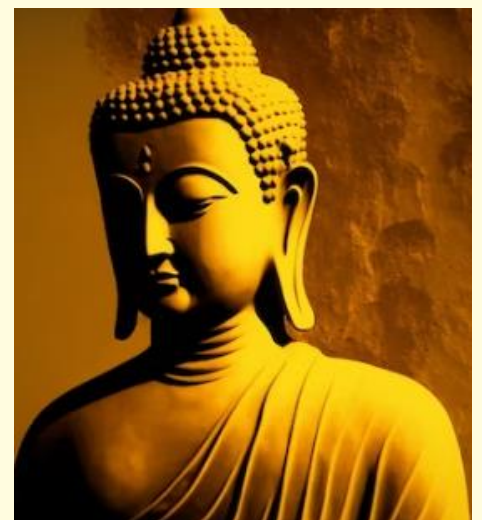
- Jawaharlal Nehru

" Remember, no one is stopping you from lighting a lamp in a dark night."

- Harvinash Rai Bacchan

"All that we are is the result of what we have thought. The mind is everything. What we think we become."

- Gautama Buddha

NALLA NARASIMHA REDDY
Education Society's Group of Institutions-Integrated Campus
**Near Narapally, Chowdariguda (V), Korremula 'X' Road,
Ghatkesar (M), Medchal-Malkajgiri (D), Hyderabad -
(UGC AUTONOMOUS INSTITUTION)
500088, Telangana.**