



**NALLA NARASIMHA REDDY**

Education Society's Group of Institutions - Integrated Campus

(Approved by AICTE, PCI, New Delhi, Accredited by NAAC with 'A+' Grade, Affiliated to JNTU Hyderabad)  
Near Narapally, Chowdariguda (V), Korremula 'X' Roads, Ghatkesar (M), Medchal-Malkajgiri Dist., Hyderabad, T.S. - 500 088.

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**SCHOOL OF ENGINEERING**

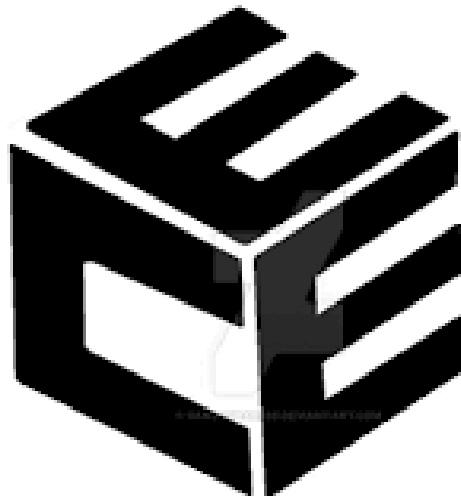
*Department  
of  
Electronics and Communication Engineering*

**NNRG EC Technocrats Ornate Report  
NECTOR**



**NALLA NARASIMHA REDDY EDUCATION  
SOCIETY'S GROUP OF INSTITUTIONS  
(AUTONOMOUS INSTITUTION)**

**DEPARTMENT OF  
ELECTRONICS & COMMUNICATION  
ENGINEERING**



***NNRG EC Technocrats Ornate Report  
NECTOR  
2024-2025  
(MARCH-APRIL)***

## SCHOOL OF ENGINEERING

### DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

#### INSTITUTE's VISION AND MISSION

##### **VISION:**

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

##### **MISSION:**

- To provide higher education by refining the traditional methods of teaching to make globally competent professionals.
- To impart quality education by providing the state-of-the-art infrastructure and innovative research facilities.
- To practice and promote high standards of professional ethics, transparency and accountability.

#### DEPARTMENT's VISION AND MISSION

##### **VISION:**

- To produce creative Electronics and Communication engineering graduates with cutting edge technology and Research to meet Industry and societal needs.

##### **MISSION:**

- To provide innovative learning environment to enable the students to face the challenges.
- To provide value-based education by promoting activities addressing societal needs.
- To enable graduates to develop the skills to solve complex problems in multidisciplinary activities.

## EDITORIAL BOARD

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DEPARTMENT OF ELECTRONICS &  
COMMUNICATIONS ENGINEERING

## **NNRG EC Technocrats Ornate Report**

**NECTOR**

**2024-25**

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# **1. SALIENT FEATURES**

## ***ABOUT ECE DEPARTMENT***

Electronics is the branch of study that has revolutionized the life style of humanity. It is a pace setter and a prime mover behind the transition to a technological society. The field of Electronics and Communication Engineering encompasses all areas of human life. Radio, television, telephones, computers, automobiles, office machinery and house-hold appliances, lifesaving medical equipment and space vehicles represent a mere sample in the wide spectrum of application of Electronics.

In the age of satellite transmitted television and transcontinental computer network, the challenge and opportunities in this profession continue to mushroom. Electronics and Communication Engineering graduates have unlimited opportunities in the field of terrestrial and extra-terrestrial communication systems like telephones, cellular phones, television, optical fiber communication, consumer and entertainment devices. Highly rewarding and greatly satisfying opportunities await the Electronics and Communication Engineers in the field of satellite space programs, embedded technologies etc.

The Department of Electronics and Communication was started in the year 2009. It is a full-fledged academic department for emerging ECE engineers. B.Tech. (ECE) program was duly approved by the AICTE and affiliated to JNTU, Hyderabad. An intake of 60 was sanctioned initially and then it is raised to 180 from the year 2019. PG Program (M.Tech.) with specialization in “Embedded Systems & VLSI” is approved by AICTE for the academic year 2013-14 with an approved intake of 18. For the academic year 2024-25, there are 11 students enrolled in the booming M.Tech Program successfully. There are 33 Faculty members in the department which includes 8 doctorates from various reputed institutions, and 12 faculty members pursuing their Ph.D. The department is equipped with 8 spacious and well-developed laboratories. Seminars, Workshops and Technical Symposia are regularly conducted in the department to keep faculty and students updated with latest developments in various fields. The department is committed to provide opportunity to embark on a rewarding and exciting learning journey in preparation for a future career.

The Electronics & Communication Engineering (ECE) Department has built a reputation for excellence in teaching and service. Electronic engineers are changing the world to a comfortable global home. The information and technology revolution has been built on the advances of Electronics.

ECE is making exhilarating progress in areas ranging from microelectronics, mobile communications to VLSI Design Automation. The students are inspired by the expertise and knowledge of our faculty, integrating practical with challenging and interesting course-work



The software's and major Equipment that are available in the department are:

- Cadence EDA Tool
- MATLAB-2014b and Tool Boxes (Simulink, Image Processing, Communication, Signal Processing and Digital Signal Processing System)
- Spectrum Analyzer and Signal Generator
- OFDM trainer kit
- Digital Signal Processors Kits (TMS320C6713)
- MPMC COTEX M3 Kit
- Advanced RISC Machine Processor Kits (LPC2148)
- Xilinx SPARTAN 3E FPGA Boards
- Artix-7 FPGA kit, Zynq-7000 SoC kit
- Xilinx Vivado tool

## 2. DEPARTMENTAL EVENTS

### 2.1. ALMA CONNECT

#### ➤ ALUMNIMEET-2025

The Alumni Meet 2025 was held successfully at NNRG, bringing together 150 alumni on campus. The event was attended by Vice-Chairman Shri Nalla Prashanth Reddy and CRO Mr. T. Sampath Reddy.

Dr. G. Janardhana Raju, Dean of Engineering, convened the meet, with faculty members

Dr. Subba Rao, Prof. Krishna Mohan Chinnala, Dr. T. Ravindra Reddy, and Mr. K. Sreekanth participating.

The Alumni Association leaders Dr. C. V. Krishna Reddy (President), N. Aravinda (Treasurer), M. Uday, and Uday Kumar Reddy were also present. The meet was a great opportunity for alumni to reconnect, share memories, and discuss the institution's progress.





*Glimpse of the Program*

## **2.2. TRAINING ACTIVITIES- ELITE GATHERING**

### **➤ The Hidden Dangers: "Landmines and Their Impact" & "Robotics for Humanitarian Demining: Saving Lives with Technology"**

The Department of Electronics & Communication Engineering, with support from the college management and other departments, organized two 1-day Elite Gathering programs for B. Tech students: on 4th April 2025, II Year II Semester students attended sessions on "The Hidden Dangers: Landmines and Their Impact" and "Robotics for Humanitarian Demining: Saving Lives with Technology".

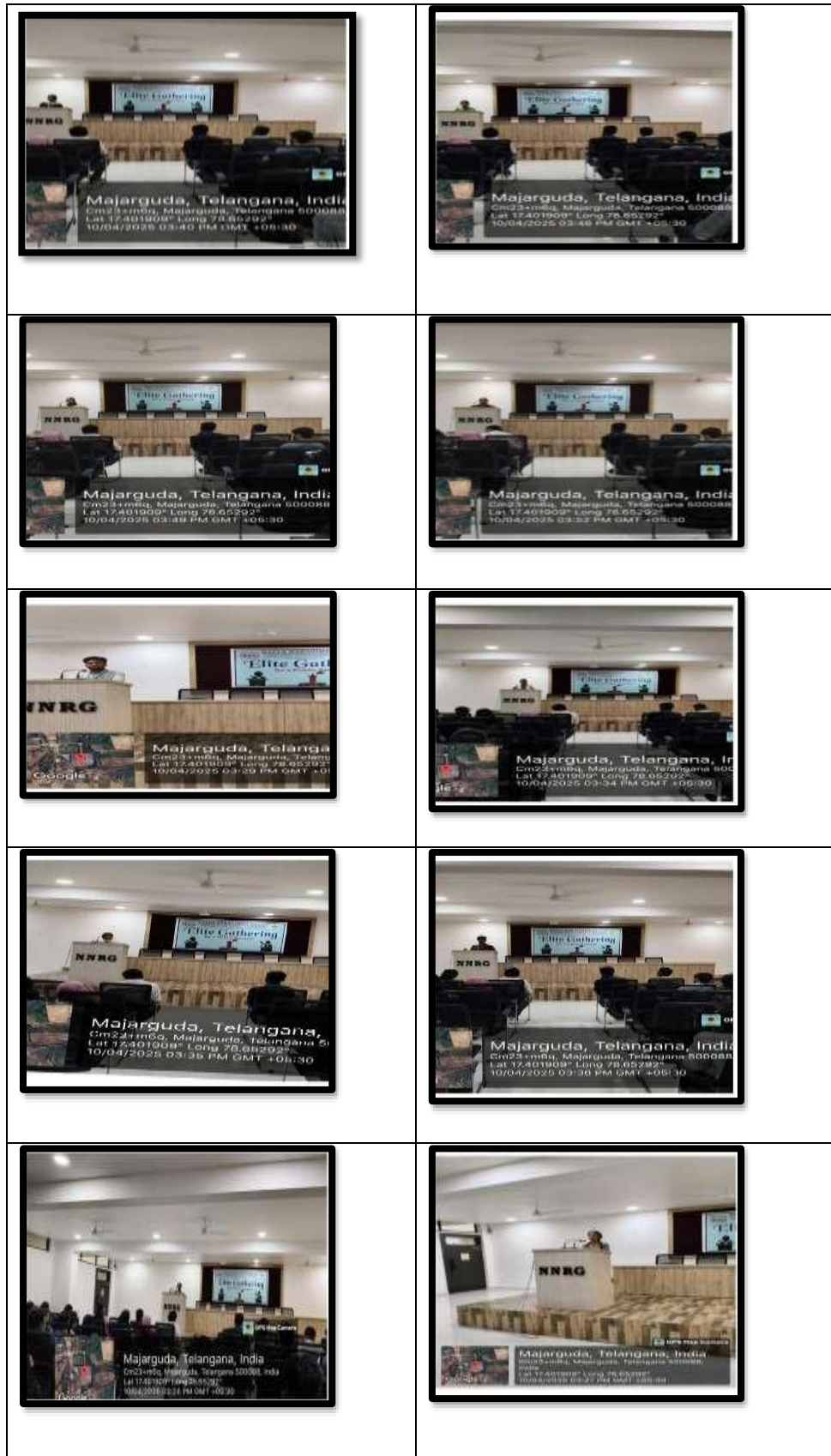




*Glimpse of the program*

## ➤ HEMOPATHY IN HEALTH CARE: SCIENCE OR MYTH? & "TRADITIONAL AND ALTERNATIVE MEDICINE :CAN THEY COEXIST?"

On 10th April 2025, III Year II Semester students participated in discussions on “Homeopathy in Healthcare: Science or Myth?” and “Traditional and Alternative Medicine: Can They Coexist?”. These programs aimed to improve students’ knowledge, encourage interactive learning, and develop important life skills such as communication, teamwork, and problem-solving.





*Glimpse of the program*

## ➤ INDUSTRIAL VISIT- INDIA METEOROLOGICAL DEPARTMENT (IMD), HYDERABAD

The ECE Department of Nalla Narasimha Reddy Education Society's Group of Institutions organized a one-day visit for 3rd-year B. Tech students on 17th April 2025 to the India Meteorological Department (IMD) in Begumpet, Hyderabad.

This visit was part of their course to gain practical knowledge. Two buses carried 95 students and two teachers, Mrs. V. Nandini and Mr. K. Rambabu, safely to IMD.

At IMD, the students learned about its history and how weather is forecasted. Experts explained the tools and methods used to predict weather and why it is important for everyone, especially during emergencies. The students found the visit useful and thanked the college and IMD for the opportunity.



*Glimpse of the program*

## ➤ ACADEMIC CLUBS

**Research is the backbone of academics and essential for successful project work.** It deepens understanding, supports critical thinking, and drives innovation. A strong research foundation ensures academic projects are well-planned, purposeful, and impactful, enhancing their overall quality and relevance. The following are the research clubs

S. No.	Research Club
1	COMMUNICATION AND NETWORKING (KommNet)
2	EMBEDDED SYSTEMS AND IoT CLUB(NEIoN)
3	SISCOM CLUB (NESIP)
4	CHIP CRAFTERS CLUB (NIVAAG)

## Student Development Programme

The **Department of Electronics and Communication Engineering**, in association with the **IETE Student Forum (ISF)**, successfully organized a **one-week Student Development Program (SDP)** for all **II B. Tech ECE** students from **22nd April 2025 to 26th April 2025**. Following are the Clubs.

### KOMMNET CLUB: INNOVATION IN ELECTRONICS & NETWORKING: A ROAD MAP TO NEXT GENERATION

The Department of ECE, through the KommNet Club and Research Group NICO, organized a one-week workshop on "Innovation in Electronics & Networking: A Road Map to Next Generation" for II B. Tech students, from 22nd to 26th April 2025. The workshop focused on the use of MATLAB and its tools in wireless communication, signal processing, antenna design, Simulink, and image processing. It included lectures and hands-on sessions conducted by faculty. 42 students participated and gained practical skills in MATLAB coding, communication system design, antenna modelling, and image processing. The event was coordinated by Dr. S. Rekha, Mr. A. Aravind, Mr. Prashanth Kulkarni, Ms. Anuradha K and Ms. Swetha T.







### KommNet Research Club

S.No	Roll Number	Name of the Student
1	237Z1A0401	AENUGULA VIJAY KUMAR
2	237Z1A0402	AILONI DEVIKA
3	237Z1A0406	ALLAKURTHI SAI PRADEEP
4	237Z1A0407	ALLAM SAIKRISHNA
5	237Z1A0409	ANUGU SNEHALATHA
6	237Z1A0415	BADUGULA SRAVYA REDDY
7	237Z1A0417	BANDELA PRAMOD
8	237Z1A0420	BEJJANKI MEGHANA



9	237Z1A0423	BHIMANADHAM CHANDU
10	237Z1A0429	CHEN REDDY KRANTHI
11	237Z1A0431	CHENNA KEERTHANA
12	237Z1A0433	CHERUKU VENKATESHWAR REDDY
13	237Z1A0436	CHINTHA CHARAN SAI
14	237Z1A0447	ETAKARLA ARUN KUMAR
15	237Z1A0451	GAJAM BHARATH
16	237Z1A0452	GANDAMALLA SINDUJA
17	237Z1A0460	GOJALA SUCHIL CHARAN REDDY
18	237Z1A0462	GOPISHETTY RAGHAVENDER
19	237Z1A0466	GUDURU CHANDANA
20	237Z1A04D3	NUKALA DINESH
21	237Z1A04F3	PULIPATI BHARATH KUMAR
22	237Z1A04F6	R SHIVA PRASAD
23	237Z1A0490	KATRAJI SARIKA
24	237Z1A0494	KODARI SHIRISHA
25	237Z1A04A8	LONKA BHARATH
26	237Z1A04D6	P VEERESHAM
27	237z1A04F2	POTLA SAI KUMAR
28	227Z1A04H9	THOTA SAI CHARAN TEJA
29	237Z1A0424	BODAPATLA VAMSHI
30	237Z1A0426	BOLLA GOWRI SHASHANK
31	237Z1A0427	BOMMISHETTI HEMANTH KUMAR
32	237Z1A0445	E PRASHANTH GOUD
33	237Z1A0450	GADVALA AKSHITH KUMAR
34	237Z1A0471	JAGINI NAVADEEP
35	237Z1A04B3	MEESALA THARUN
36	237Z1A04B6	MERUGOJU ARAVIND
37	237Z1A04F0	POLABOINA MADHAN YADAV
38	237Z1A04F7	RAKESH GOVINDULA
39	237Z1A04G6	S NISHANTH
40	237Z1A04H0	SHYAMALA SHIVA PRASAD
41	237Z1A04I7	YARRAPATI GOWHTAM LINGAYYA
42	237Z1A04I9	YELABANTI PRAKASH

## **EMBEDDED & IOT CLUB: SMART DEVICES, SMART EARNING: IoT HARDWARE & FIRMWARE FOR BEGIN**

The Embedded Systems & IoT Club under NIEoN successfully conducted a week-long workshop on "Smart Devices, Smart Learning: IoT Hardware & Firmware for Beginners" for II B. Tech ECE students. The workshop introduced students to IoT fundamentals, hardware (Arduino, Raspberry Pi), and embedded programming through theory sessions and hands-on activities. Students also built smart device prototypes, fostering innovation and teamwork and 55 students participated. Faculty Coordinators: Dr. Sk. Fairouz, Dr. P. Ashok Kumar, Mr. K.Rambabu, and Ms. N. Lavanya.



S.No	Roll Number	Name of the Student
1	237Z1A0403	AITHAGONI SOWMYA
2	237Z1A0412	ATELLY DEEKSHITHA
3	237Z1A0435	CHIGULLAPALLY KAVYA
4	237Z1A0438	CHUNCHU SWATHI
5	237Z1A0446	EEGA LAXMI
6	237Z1A0473	JAMMULA KAVYA
7	237Z1A0476	JIGIRI KALYANI
8	237Z1A0480	KALA ASMITHA
9	237Z1A0484	KANDULA PRABHAS REDDY
10	237Z1A0491	KAVVA POOJA
11	237Z1A0492	KILLARI SONY
12	237Z1A0496	KOLIPAKA BHARGAVI
13	237Z1A0498	KONA ASHA
14	237Z1A04A1	KOTHAPALLY SHRUTHI
15	237Z1A04A6	LAXMAN TANAJI MIRKALE
16	237Z1A04B7	MODAPALLY AISHWARYA
17	237Z1A04C8	NARAHARI SAI KRISHNA REDDY
18	237Z1A04C9	NARAYANADASU SHANKAR
19	237Z1A04D5	ODETI KAVYASRI
20	237Z1A04D9	PAILLA MADHURI
21	237Z1A04E8	PITTALA KIRAN
22	237Z1A04G7	SALLA SAHITHI
23	237Z1A04G8	SALLA SHRUTHI
24	237Z1A04H5	SYED MAJEED
25	237Z1A04H8	THIKKA SAI CHARAN
26	237Z1A04H9	THOTA SAI CHARAN TEJA
27	237Z1A04I0	THULASI TEJA SRI
28	237Z1A04I2	TIRUMALAPURAM VAMSHI KRISHNA
29	237Z1A04I3	VAGGU BINDHU
30	237Z1A04I5	VELUROTH NEELIMA
31	237Z1A04J0	YERROLLA SRIDHAR
32	237Z1A04J1	BEERAKUNTALA SAI CHARAN
33	247Z5A0402	DOMAKONDA RAJEEV
34	247Z5A0403	GODAVARI HARINI
35	247Z5A0405	K ADHI
36	247Z5A0406	KAMATI RUTHVIK
37	247Z5A0410	KUNJA SAIMURALI
38	247Z5A0412	SANDARAJU DIVYA
39	247Z5A0417	VEMULA SAISHESHANK

## **SISCOM CLUB: Designing of Image & Signal Processing Applications Based on ML/DL Algorithms using Python & MATLAB**

The SisCom Club, Dept. of ECE, conducted a five-day Student Development Program (SDP) on "Designing Image & Signal Processing Applications Using ML/DL with Python & MATLAB" for II B.Tech students from 22nd to 26th April 2025. 37 students participated and gained hands-on experience in MATLAB, Python coding, image processing, speech processing, and ML tools. The workshop included lectures and live demonstrations by faculty. Faculty Coordinators: Dr. V. Sravan Kumar, Mrs. K. Madhavi, Dr. S. Karthick, Mr.N. Suresh Reddy, Mr. Ch. Phanindra



<b>S.No</b>	<b>Roll Number</b>	<b>Name of the Student</b>
1	237Z1A0428	CHATAKOLLA ABYUDAI
2	237Z1A0430	CHENCHU PRANEETHA
3	237Z1A0432	CHENNABOINA VIJAY
4	237Z1A0440	DASANIYA VIGNESH
5	237Z1A0441	D SHIVA GANESH
6	237Z1A0442	DHANISH ALI PINJARI
7	237Z1A0444	DORA GAYATHRI DEVI
8	237Z1A0456	GAREBOINA KEERTHI
9	237Z1A0458	GIRI SAI TEJA
10	237Z1A0459	G SAIGANESH VARMA
11	237Z1A0463	GORLA PRAVEEN
12	237Z1A0467	GUJJULA SATHWIK
13	237Z1A0468	GUNJI HEMANTH
14	237Z1A0469	GURRALA AKSHITHA
15	237Z1A0481	KALERU DILEEP
16	237Z1A0487	KASAGONI SAI KUMAR
17	237Z1A0488	KASIBOINA YASWANTH
18	237Z1A04B0	MADURI JYOTHSNA
19	237Z1A04C3	N SANDEEP KUMAR
20	237Z1A04D8	PAGIDI SHIVARAM
21	237Z1A04E1	P PRASHANTH
22	237Z1A04E2	PASUMAMULA SHIVA
23	237Z1A04E5	P VASUDEV
24	237Z1A04E9	POGULA SRI SAYUJYA
25	237Z1A04F1	P CHARAN
26	237Z1A04G2	RAYINI SIDDHAN
27	237Z1A04G5	RONDI ABHILASH
28	237Z1A04H4	SURLA DURGA PRASAD
29	237Z1A04I4	V PREMCHAND
30	237Z1A04I8	YEDLLA AKASH REDDY
31	237Z1A04J2	M SATWIK REDDY
32	247Z5A0404	JAKKA SPANDAN
33	247Z5A0408	KONDA RAMYASRI
34	247Z5A0409	KOYALKAR PALLAVI
35	247Z5A0414	SARIKA NALLA
36	247Z5A0415	THALARI PRASHANTH



37	247Z5A0416	V SRIVALLI
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## **CHIP CRAFTERS CLUB: LOGIC SYNTHESIS USING VERILOG HDL ON FPGA**

The Chip Crafts Club held a 5-day workshop on Logic Synthesis Using Verilog HDL on FPGA for II B.Tech students. 50 students learned Verilog basics and FPGA implementation through lectures and practical sessions. Faculty Coordinators: Dr. B. Hariprasad Naik, Ms. V. V. Nandini, Ms. K. Hemalatha.



S.No	Roll Number	Name of the Student
1	237Z1A0404	A.SUSMITHA
2	237Z1A0411	ASHISH KUMAR
3	237Z1A0414	B.SRIKANTH
4	237Z1A0418	B.KRISHNA CHAITANYA
5	237Z1A0423	B.CHANDU NAIDU
6	237Z1A0425	B.VAMSHI
7	237Z1A0434	CH.VAISHNAVI
8	237Z1A0449	G.VENKAT NARSIMHA REDDY
9	237Z1A0457	G.THARUN
10	237Z1A0462	G.RAGHAVENDER
11	237Z1A0465	G.DILIP RAGHURAM
12	237Z1A0479	K.RISHITH
13	237Z1A0481	K.DILEEP
14	237Z1A0482	K.SANDEEP
15	237Z1A0483	K.MANIDEEP
16	237Z1A0486	K.VASAVI
17	237Z1A0489	K.PRAVALIKA
18	237Z1A0493	K.KEERTHI
19	237Z1A04A0	K.INDHU
20	237Z1A04A2	K.MANIKANTH
21	237Z1A04A3	K.SHIVAKUMAR
22	237Z1A04A4	L.KEERTHANA
23	237Z1A04A5	L.CHARAN TEJA
24	237Z1A04A9	M.DINESH

### III YEAR SDPS'

The Department of Electronics and Communication Engineering, in association with the IETE Student Forum (ISF), successfully conducted a one-week Student Development Program for all III B.Tech ECE students from 28th April to 2nd May 2025. Students were divided into groups to participate in various activities and sessions.

## EMBEDDED & IOT CLUB: Campus to Industry: Kickstart your IoT Journey

The Embedded & IoT Club successfully conducted a week-long workshop for **III B.Tech students** to bridge academic learning and industry needs in IoT. Students gained hands-on training in **Python programming, ML/DL basics, Arduino development, VS Code, and Circuit simulation using Wokwi**. This prepared them to build and deploy IoT projects aligned with industry standards. **44 students** participated. Faculty Coordinators: Dr. Ravi Bolimera, Dr. SK Fairouz, Mr. K. Rambabu, Mr. Nitesh Gaikwad, Ms. Kiranmayee, Ms. K. Shiva Prasanna, Ms. Shetty Sravanthi.





### *Embedded and IoT Research Club*

S.No	Roll Number	Name of the Student
1	227Z1A0409	ARMUR ABHILASH
2	227Z1A0411	B ARUN KUMAR
3	227Z1A0416	BANOTH SANTHOSH
4	227Z1A0419	BAYYA MAHESH
5	227Z1A0434	CHITTI REDDY KALYAN REDDY
6	227Z1A0444	DHARAVATH GYAN SINGH
7	227Z1A0446	DIDDI RUTHVIK
8	227Z1A0447	DODALA OMKAR
9	227Z1A0450	ELUKAPALLY RAVI TEJA
10	227Z1A0453	GADDAMIDI SRICHARAN GOUD
11	217Z1A0421	DUDEKULA RAFI
12	217Z1A0439	GUNTI VAMSHIDHAR REDDY
13	217Z1A0411	BATHULA LIKHITHA
14	217Z1A0436	GUDUGUNTULA SAI KIRAN
15	217Z1A0451	KATHULA BHARATH KUMAR
16	217Z1A04A3	BALUPUNURI AJAY REDDY
17	227Z5A0422	CHOLLANGI SAI KIREETI
18	227Z5A0410	ASARI RAJASHEKAR
19	227Z5A0417	BICKKUNDA CHETAN RAJ
20	217Z1A0485	SATTU ABHILASH REDDY
21	227Z1A0491	KOYYADA VAMSHI KIRAN
22	227Z1A0493	KUKKALA SHIVA REDDY
23	227Z1A0497	LUNAVATH VISHNU
24	227Z1A04A1	MANDALI SAI KUMAR
25	227Z1A04A9	MOOD BUNNY NAIK
26	227Z1A04B0	MUKKERA PAVAN
27	227Z1A04B2	NALLABOTHU GOPICHANDU
28	227Z1A04B9	P CHANDRA KESHAV
29	227Z1A04D7	POTHAGALLA RAKESH

30	227Z1A04E1	PULEPAKA KARTHIK
31	227Z1A04E4	RAMANCHA MOUNIKA
32	227Z1A04E8	RAPOLU VINAY TEJA
33	227Z1A04F2	RESOJU SAI SIDDHARTHA
34	227Z1A04F6	SALENDRI SHIVA KUMAR
35	227Z1A04H2	TIPPANI SAKETH VARMA
36	227Z1A04H4	VADLA PRAVEEN KUMAR
37	227Z1A04I6	VOODEM PAVAN KUMAR REDDY
38	227Z1A04I8	WARLE PAVAN
39	227Z1A0401	ABHISHEK GUPTA
40	227Z1A0402	ADDANKI LAKSHMI SAI KUMAR
41	227Z1A0410	ARURI SINDHU
42	227Z1A0412	B V SAI KRISHNA NAIK
43	227Z1A0413	BAIROLLU HEMANTH KUMAR
44	227Z1A0417	BANOTHU NITHIN
45	227Z1A0418	BARIGE BHAVYASRI
46	227Z1A0420	BEHARA HARSHA VARDHAN
47	227Z1A0422	BHUKYA BHOOMIKA
48	227Z1A0423	BOINI MADESH
49	227Z1A0424	BOLISHETTI VASUDEVA RAO
50	227Z1A0425	BORELLI SANJAY KUMAR
51	227Z1A0426	BUDIGA MANISHA
52	227Z1A0427	BUTHOJI RAVI TEJA
53	227Z1A0428	CHALLA VEDAVYAS
54	227Z1A0429	CHEEKATIMALLA MANEESH
55	227Z1A0430	CHEERA SHIVANI
56	227Z1A0432	CHILUVERI SAMPATH
57	227Z1A0435	CHITTIMALLA GIRI BABU
58	227Z1A0436	D MAHESH
59	227Z1A0438	DHARAVATH PRAVEEN
60	227Z1A0439	DAMERA YASHWANTH
61	227Z1A0440	DASARI SAI MANOJ REDDY
62	227Z1A0441	DEVARA YASHWANTH
63	227Z1A0451	ERROLLA SRINIDHI
64	227Z1A0454	GADIPALLY POOJA
65	227Z1A0455	GANDARAPU LAXMI PRASANNA
66	227Z1A0457	GOKAN SAI PRANEETH GOUD



67	227Z1A0458	GOROJU SAI NIKHIL
68	227Z1A0459	GOVINDHU GARI LIKITHA
69	227Z1A0462	HAZARI DIVYANI
70	227Z1A0466	JAMMULA AJAY
71	227Z1A0467	JEEDIMADLA VENU PRASAD REDDY
72	227Z1A0468	JILLA SAI CHANDANA
73	227Z1A0470	KAKARLA PRASAD
74	227Z1A0471	KALLAKUNTA INDHU
75	227Z1A0473	KAMBHAM AKSHITHA
76	227Z1A0475	KANDADI SAI NIHITHA
77	227Z1A0477	KANNEKANTI SOMASHEKARACHARY
78	227Z1A0479	KARRE SRIKANTH
79	227Z1A0480	KARRI TEJASWI
80	227Z1A0481	KASOJU RAMYA SRI
81	227Z1A0489	KOTHAKONDA AKSHAYA
82	227Z1A0495	KURMA PRANAY
83	227Z1A0498	MAILARAPU SRAVIKA
84	227Z1A04A0	MALYALA NAVEEN
85	227Z1A04A5	MEDA DURGAPRASAD
86	227Z1A04A8	MOHAMMAD AFREEN
87	227Z1A04B1	NALLA VIGNESH REDDY
88	227Z1A04B3	NAMIREDDY MOUNI
89	227Z1A04B4	NANDIGAMA MANIDEEP REDDY
90	227Z1A04B6	NARRI RATHISH
91	227Z1A04C7	PANGA MANISHA
92	227Z1A04C9	PANJAVENI HIMAVARSHA
93	227Z1A04D1	PASUNUTI SAIRAM
94	227Z1A04D6	POLKAM RAJU
95	227Z1A04D9	POTHUGANTI SHIVA SAI
96	227Z1A04E2	PULUSU RAKESH
97	227Z1A04E7	RAMPALLY RAKESH GOUD
98	227Z1A04F0	RAVULAPALLI BHARGAVI
99	227Z1A04F3	RUDRA UDAY KIRAN
100	227Z1A04F9	SEELAM SREE RAMA DEVI
101	227Z1A04G0	SHAGANTI SANDEEP
102	227Z1A04G1	SHAIK SALMAN
103	227Z1A04G2	SHAIK YAKUB PASHA

104	227Z1A04G4	SHIVARATHRI ASHOK
105	227Z1A04G5	SINGAM VARUN
106	227Z1A04G7	SUNKOJU KARTHIKEYA
107	227Z1A04G8	TETALI POOJITHA REDDY
108	227Z1A04G9	THAMMALA REVATHI
109	227Z1A04H0	THIRUMALAMMA
110	227Z1A04H3	UPPARI BHARGAVI
111	227Z1A04H5	VADNALA SRINIJA
112	227Z1A04H7	VALUROUTHU SIREESHA
113	227Z1A04H8	VANAM VISHNU VARDHAN
114	227Z1A04I0	VARRE MATHSYAGIRI
115	227Z1A04I1	VATTE KARTHIK
116	227Z1A04I2	VATTELA VAISHNAVI
117	227Z1A04I3	VAVILALA ANKITH KUMAR
118	227Z1A04I4	VIDHYA SREE BANTU
119	227Z1A04I7	VUPPALA KARTHIK
120	227Z1A04I9	YABAJI VINAY
121	227Z1A04J0	YASARAM MADHAVI
122	227Z1A04J1	YELLIPEDDI RAMYA
123	237Z5A0402	ATIPAMULA SHIVA KUMAR
124	237Z5A0406	GADDAM VENU
125	237Z5A0409	IRAVENI CHAITHANYA RAO
126	237Z5A0410	KOKKARAKONDA VIDYASAGAR
127	237Z5A0420	TUMMA VIKRAM REDDY

### **CHIP CRAFTERS CLUB: FPGA Design Acceleration through IP core**

The Chip Crafters Club successfully conducted a week-long workshop for III B.Tech students on FPGA Design Acceleration using IP Cores. The program focused on practical skills in VLSI design with XILINX and CADENCE tools. 42 students participated, gaining hands-on experience to speed up FPGA design and improve efficiency. Faculty Coordinators: Mr. K. Srinivas, Mrs. K. Thrisandhya.





*Chip Crafters Research Club*

S.No	Roll Number	Name of the Student
1	227Z1A0403	A. SRINATH
2	227Z1A0483	K. MANISH KUMAR YADAV
3	227Z1A0408	A. MAHENDER
4	227Z1A0436	D. MAHESH
5	227Z1A0448	D. SRIJA
6	227Z1A0449	D. KOUSHIK
7	227Z1A0443	D. VAISHNAVI
8	227Z1A0405	A. SHREYA
9	227Z1A0442	D. PRANAY
10	227Z1A0490	K. SOWMYA
11	237Z5A0419	S. BHARATH

12	227Z1A04C4	P. NAGARAJU
13	227Z1A0492	K. ANVARSHA
14	227Z1A04A6	M. SRUTHI
15	227Z1A0485	K. SHIVA
16	227Z1A04A3	M. MADHUKAR
17	227Z1A0496	L VAMSHI
18	227Z1A04D0	P. CHARAN TEJA
19	227Z1A04B7	N. SRINU
20	227Z1A04C1	P. VINAY
21	227Z1A04C5	PALAKURHI. RAKESH
22	227Z1A04D5	P. CHANDANA
23	227Z1A04D9	P. SHIVA SAI
24	227Z1A04G6	S. VIVEK SAI
25	227Z1A04E0	P. AMULYA
26	237Z5A0401	A. SRUTHI
27	227Z1A04E5	R. PRASANNA
28	227Z1A04E3	R PAVAN KUMAR
29	227Z1A04D3	P. VIMAL KOUSHIK
30	227Z1A04G0	S. SANDEEP
31	227Z1A04E6	R. AKHILA
32	227Z1A04G8	T. POOJITHA
33	227Z1A04C8	P. AVANTH KUMAR
34	227Z1A04F7	S. MADHUKAR
35	227Z1A0499	M. UMESH
36	227Z1A0433	C. MAHESH REDDY
37	237Z5A0404	D. KOUSIK
38	237Z5A0414	P. KIRAN KUMAR
39	227Z1A04D8	P. PRAVEEN KUMAR
40	237Z5A0407	G. SHIVA KUMAR
41	237Z5A0418	SHEIK KHADEER
42	227Z1A0497	K. VIVEK REDDY
43	237Z5A0408	INDRAKANTI ANU
44	227Z1A04D2	P. SAI KRISHNA
45	227Z1A0456	GANTA KARTHIK

46	237Z5A0411	L. SRIVIDYA
47	237Z5A0414	SHAIK. RAFI
48	227Z1A04E9	R. SANDEEP
49	237Z5A0412	NALLA HARSHITA
50	237Z5A0403	CH. SWETHA
51	227Z1A04B8	N. AKSHAY PATIL
52	237Z5A0413	P. KEERTHI
53	237Z5A0416	S. REVATHI
54	227Z1A04C3	P. VARA PRASAD
55	237Z5A0415	R. DEEPSHIKA
56	227Z1A04G3	S. SAI KIRAN
57	227Z1A04F8	S. MALLIKARJUN

### 3. INSTITUTIONAL EVENTS

#### ➤ SAP CONSULTING OPPORTUNITIES AWARENESS PROGRAM

On 13th March 2025, an awareness program on SAP consulting opportunities was held at NNRG, Hyderabad. The event aimed to educate engineering and management students about career options in SAP consulting and the growing field of Enterprise Resource Planning (ERP).

The program started with an introduction by Engineering Dean, Mr. Janardhana Raju. Faculty members including Dr. T. Ravindra Reddy, Dr. G. Subba Rao, Dr. P. Gopinadh Rao, Mr. P. Srinivas, and Mrs. N. Lavanya shared valuable insights.

The session ended with a lively Q&A where students asked questions and learned more about SAP careers. The program was successful and inspired many students to explore SAP consulting as a career.



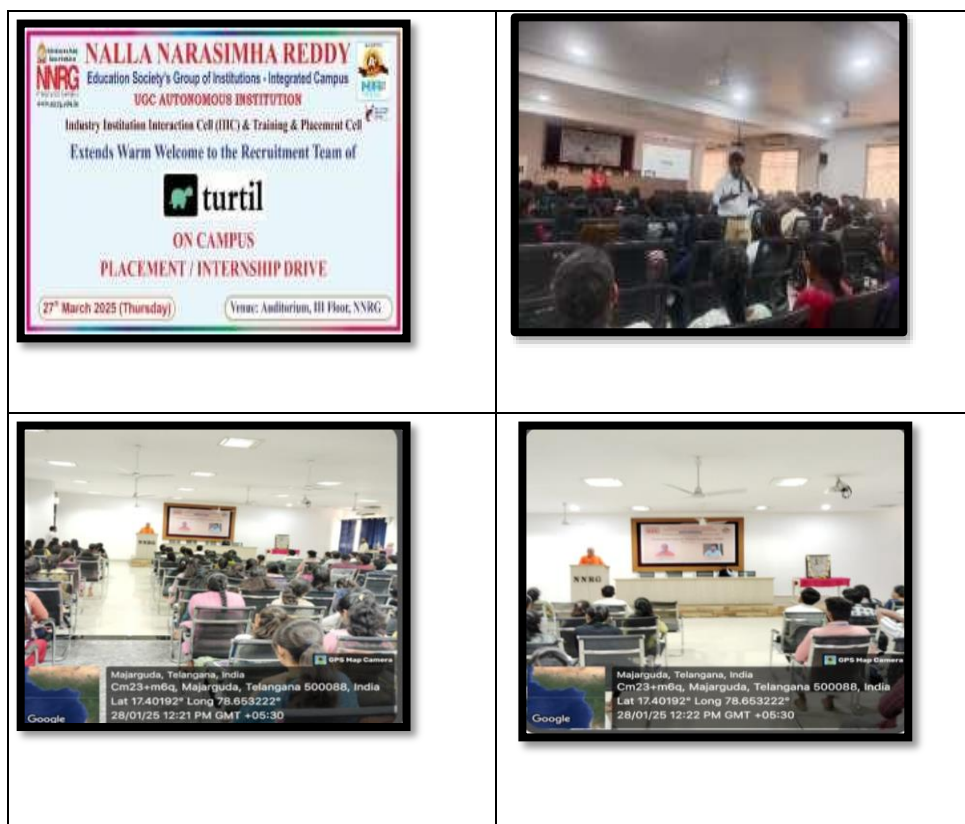




*Glimpse of the program*

### ➤ **TURTIL PLACEMENT/INTERNSHIP DRIVE**

The TURTIL Placement/Internship Drive was held at NNRG on 27th March 2025, with III-Year and IV-Year students from various departments (with no backlogs) participating. The session covered TURTIL's company profile, job roles, required skills, and employee benefits. It provided valuable insights into the company's expectations and concluded with the announcement of the selected candidates.



*Glimpse of the Program*

The Following are the short listed students

S.No	Roll Number	Name of the Student
1	227Z5A0409	SAI PRIYA ASAM
2	227Z1A0401	AELLA SANJAYENDER REDDY
3	217Z1A0450	MANIDEEP KATAKAM

### ➤ Sutherland Recruitment Drive

Sutherland conducted a recruitment drive at NNRG for final-year students, where participants learned about the company, available job roles, hiring process, and career opportunities. Sutherland, a global company, offers career growth, flexible work options, training, and employee benefits.

The session covered the company's background, job requirements, interview process, and perks. It was informative and concluded with the announcement of selected candidates.



*Glimpse of the Program*

### ➤ Health & Digital Awareness"- 'Digital Well-being :Balancing Health and Technology for a Brighter Future'

The Women Cell of NNRG, along with IIIC and IIC, organized an Outreach Program on 'Health & Digital Awareness' titled 'Digital Well-being: Balancing Health and Technology for a Brighter Future' at Zilla Parishad High School, Pratapa Singaram.

Dr. B. Madhavi Latha and Dr. T. Madhuri Latha gave important talks on menstrual hygiene, cervical cancer prevention, responsible digital use, and the effects of too much screen time. The Women Cell members from various departments also distributed pens to the students. The sessions were interactive and well received, with active participation from the students.



*Glimpse of the Program*

## ➤ International Women's day -2025

On 7th March 2025, the Women Cell of NNRG, in association with IIIC and IIC, celebrated the 300th birth anniversary of Lokmata Devi Ahilya Bai Holkar, supported by ABRSM Telangana. Chief Guest Dr. P. Sampath Kumar shared inspiring insights on her life and legacy. The event was attended by NNRG Chairman Shri Nalla Narsimha Reddy, Director Dr. C.V. Krishna Reddy, Vice Chairman Shri Nalla Prashant Reddy, deans, faculty, and students.





*Glimpse of the Program*

Dr. Rashmi Trivedi, Convener, welcomed everyone and highlighted Ahilya Bai's role in women's empowerment and good governance. The event began with floral tributes, followed by cultural moments and ended with a heartfelt vote of thanks. The program was a meaningful tribute to a great leader and was well received by all.

S.No	Name of the Faculty	Achievements
1	Dr S REKHA	Book: Data Analytics using Python SCI:2 Scopus:1 Patents Published: 2
2	Mrs.SRAVANTHI SHETTY	Patents Published: 1 NPTEL(Silver):2
4	Mrs. ANURADHA. K	Patents Published: 1
5	Mrs. VV NANDINI	Scopus:1
6	Mrs. THRISANDHYA	Patents Published: 1
7	Mrs. SWETHA T	Patents Published: 2
8	Mrs. N LAVANYA	Patents Published: 1 NPTEL (Silver):2
9	Mrs. NAGAPRASANNA B	Patents Published: 2
10	Mrs. K MADHAVI	Patent Grants: 2

### **Student Academic Toppers**

S.no	Roll Number	Name of the Students	Marks/Grade
1	207Z1A0443	E NIKITHA REDDY	8.23
2	217Z5A0423	V TEJASVI	8.86
3	217Z1A0417	CH SAHITHI	9.25
4	217Z1A0482	R ROHINI	9.27
5	227Z5A0465	R.SHRUTHI	9.27
6	217Z1A04C6	PALLAVI VUPPALA	9.55
7	217Z1A0448	D SRIJA	9.55
8	217Z1A0404	A.SAI CHANDANA	9.55

### **➤ CIA MSME EXPO VISIT**

The 5th CIA MSME EXPO 2025 was inaugurated on 6th March 2025 by dignitaries including D. Sridhar Babu (Minister for IT & E&C), Shri Jayesh Ranjan, Dr. E. Vishnu Vardhana Reddy, and Shri Bandari Lakshma Reddy garu. The event was organized by the Cherlapally Industries Association (CIA), with key members like Dr. K. Govinda Reddy (President), Sri K. Chandra Sekhar Reddy (Secretary), and Sri Gupta Garu present.

On 7th March, 38 students from IV ECE, Mechanical, and III Civil Engineering, along with 6 faculty members from ECE Mr. N.Suresh, Assistant Professor, visited the expo. They were warmly welcomed by Sri Gupta Garu at the CIA-MSME office. He explained the role of MSMEs in local industrial growth, innovation, job creation, and entrepreneurship. The expo featured 105 stalls showcasing innovative products developed by local entrepreneurs. Students gained practical exposure to real-world industry applications and the importance of MSMEs in the economy.





*Glimpse of the program*

## **4. FACULTY ACHIEVEMENTS**

### **4.1. EDITORIAL BOARD**

- **Dr. Sravan Kumar Vittapu, Associate Professor** is serving as a reviewer international Journal of intelligent Systems and reviewed for 2 manuscripts in 2024
- **Ms. K. Madhavi, Assistant Professor** has got the Best Research Paper Award for the paper “Obstructive Sleep Based Exhaustive Feature Selector” publication on the occasion of International Women’s Day Awards (IWDA-2025) at Knowledge Research Academy, Tamil Nadu.

### **4.2 CONFERENCE & PATENTS**

- **Boddapati Naga Prasanna**, published an IEEE Scopus and Ei compendex paper entitled “Enhanced Radiation Characteristics of Plano-Concave-Shaped Series-Fed Antenna based on Metamaterials for 5G Applications” at 8th International Conference on Inventive Computation Technologies (ICICT-2025) held from 23rd-25th, April 2025, Tribhuvan University, Nepal, ISBN:979-8-3315-1223-1
- **Soumya Reddy Gudepu**, Sabareesh R, Himani Bhawsar, Dr. B. Sreenivasan, Mrs. Madhura Eknath, Vemuru Naresh, Md Chan Basha has published a patent entitled "AI- Driven Innovations in Financial Technology for Fraud prevention and Anti Money laundering Applications" with the application no:202511009030 on 14/03/2025.

### 4.3.FDP'S & WEBINARS ATTENED

S. No	Name of the Faculty	Title	Place/Organization	Date(s)
1	Mr. A ARAVIND	Smart Communication in IoT: Security & Future Applications and Possibilities	St. Joseph College of Engineering	24-02-2025 to 01-03-2025
2	Mrs. N LAVANYA	Antennas & RF Circuits for Radio Frequency Energy Harvesting Applications for Energizing Low Power Devices	Tripura University	24-02-2025 to 01-03-2025.
		Advancement In ML For Next Generation System	Bharath Institute of Engineering & Technology	7-04-2025 to 18-04-2025
		Exploring The Power Of AI, ML, NLP & Computer Vision	CVR Engineering College	7-04-2025 to 12-04-2025
		Signal Engineering & Automatic train protection System-KAVACH	IRISET-Secunderabad	21-04-2025 to 2-05-2025
3	Mrs. K MADHAVI	Exploring the Power of AI Machine Learning, NLP and Computer Vision	CVR College of Engineering	07-04-25 to 12-04-25
		AI Tools for Effective Research Writing & Publishing	Digi Skill Development Center & Training Institute	26-04-25 to 27-04-25
		Signal Engineering & Automatic train protection System-KAVACH	IRISET-Secunderabad	21-04-2025 to 2-05-2025
4	Mrs. SHETTY SRAVANTHI	Sustainable Carbon-Free Technologies for Hydrogen Generation and Storage	National Institute of Technology Tiruchirappalli	24-02-2025 to 01-03-2025
5	Mrs.M.H.SUSHMA MERCILIN	Antennas & RF Circuits for Radio Frequency Energy Harvesting Applications for Energizing Low Power Devices	Tripura University	24-02-2025 to 01-03-2025
6	Ms. VULASALA NEELAVATHI	Smart Communication in IoT: Security & Future Applications and Possibilities	St. Joseph College of Engineering	24-02-2025 to 01-03-2025

## **NPTEL CERTIFICATIONS**

S.No	Name of the Faculty	Name of the SWAYAM/NPTEL Course	Organized by	Date(s) Duration
1	Dr S REKHA	Effective engineering teaching in practice	IIT Madras	Jan-Feb 2025 4 weeks
2	Mr PRASHANT KULKARNI	Enabling Technologies for 6 G communications Networks (Hindi)	IIT Delhi	Feb-Mar 2025 4 weeks
3	S SRAVANTHI	Edge Computing	IIT Kanpur	Jan-Mar 2025 8 weeks

## **5. STUDENTS' ACHIEVEMENT**

### **5.1. CO-CURRICULAR ACTIVITIES**

S.No	Roll Number	Name of the Student	Achievement	Club
1	237Z1A0466	GUDURU CHANDANA	BEST PERFORMER I	KOMMETNET
2	237Z1A0401	AENUGULA VIJAY KUMAR	BEST PERFORMER II	
3	237Z1A0420	BEJJANKI MEGHANA	QUIZ I	
4	237Z1A04F6	R SHIVA PRASAD	QUIZ II	
5	237Z1A0475	J KAVYA	BEST PERFORMER I	EMBEDDED SYSTEMS AND IOT
6	237Z1A0496	K BHARGAVI	BEST PERFORMER II	
7	237Z1A04D0	N SIDDHARTH	QUIZ I	
8	247Z5A0418	Y SHIVA	QUIZ II	
9	237Z1A0444	DORA GAYATHRI DEVI	BEST PERFORMER I	SISCOM
10	237Z1A0469	GURRALA AKSHITHA	BEST PERFORMER II	
11	247Z5A0404	JAKKA SPANDAN	QUIZ I	
12	247Z5A0416	V SRIVALLI	QUIZ II	
13	247Z5A0401	D.DHIKSHITHA	BEST PERFORMER I	CHIP CRAFTERS
14	237Z1A04C2	N. SAIRAM	BEST PERFORMER II	
15	237Z1A0449	G. VENKAT NARSIMHA	QUIZ I	
16	237Z1A04B2	M.BHAVYASREE	QUIZ II	
17	227Z1A0441	D.YASWANTH	BEST PERFORMER I	EMBEDDED SYSTEMS AND IOT
18	227Z1A0402	A. LAKSHMI	BEST	

		SAI KUMAR	PERFORMER II	CHIP CRAFTERS
19	227Z1A0427	B. RAVI TEJA	QUIZ I	
20	227Z1A0442	D.PRANAY KUMAR NEION	QUIZ II	
21	227Z1A0448	D. SRIJA	BEST PERFORMER I	
22	237Z5A0419	S. BHARATH	BEST PERFORMER II	
23	227Z1A0496	L VAMSHI	QUIZ I	
24	237Z5A0413	P. KEERTHI	QUIZ II	

## 5.2. EXTRA-CURRICULAR ACTIVITIES



- Mr. M. Prasanth (227Z1A0488) and team participated and won Robo Race Competition at JNTUH, Kukatpally and won Rs 3000 in Robo Race (time trial), Rs 8000 in Robo Race (Dual), Rs 5000 in All Terrain Race (Obstacle based) and Rs 3000 in Robo Maze  
Total Rs 19,000/- on 16-04-2025.

## 6. PLACEMENTS & INTERNSHIPS

### PLACEMENTS

S.No	Roll Number	Name of the Student	Company Name	CTC & Stipend
1	217Z1A 410	B. VINAY KUMAR	COGNIZANT	4LPA
2	217Z1A0454	KATKURI SUMAJA	VTs	8LPA
3	217Z1A0455	KEMIDI SHIVANI	VTs	8LPA
4	227Z5A0455	MEDABOYINA MALLESH	GIGAWATT SOLAR PVT LTD	4LPA

### INTERNSHIPS


S.No	Roll Number	Name of the Student	Company Name	CTC & Stipend
1	217Z1A0407	AVARI SWATHI	AKSI AEROSPACE	10,000
2	217Z1A0430	GATTU SAI CHANDANA	AKSI AEROSPACE	10,000

3	217Z1A0432	GOLI SAI CHARAN	AKSI AEROSPACE	10,000
4	217Z1A0440	GURIJALA SRIJA	AKSI AEROSPACE	10,000
5	217Z1A0482	RASALA ROHINI	AKSI AEROSPACE	10,000
6	217Z1A0484	SAI TEJA MANDA	AKSI AEROSPACE	10,000
7	217Z1A0489	TANISHQ JOSHI	AKSI AEROSPACE	10,000
8	227Z5A0425	DOMALA HEMA	AKSI AEROSPACE	10,000
9	227Z5A0469	RALLABANDI SHRUTHI	AKSI AEROSPACE	10,000
10	227Z5A0418	BIJILI DIVAKAR	SIMCO CALIBRATION & TESTING	15000
11	227Z5A0422	CH.SAI KIREETI	SIMCO CALIBRATION & TESTING	15000
12	227Z5A0423	D ANUSHA	SIMCO CALIBRATION & TESTING	15000
13	227Z5A0449	M NANDA KISHORE REDDY	MEDHA SERVO DRIVES	10000
14	217Z1A0421	DUDEKULA RAFI	SUKSHI ACADEMY	
15	227Z5A0416	BERUKUTI SRIKANTH	ZEPTO	15000
16	227Z5A0451	MAMINDLA GAYATHRI	SUNGLARE TECHNOLOGIES PVT. LTD	10000
17	227Z5A0457	MOHAMMAD SAMAD	SUNGLARE TECHNOLOGIES PVT. LTD	10000
18	227Z5A0476	T PRASHANTH REDDY	SUNGLARE TECHNOLOGIES PVT. LTD	10000
19	227Z5A0482	YAIDESH SAGARIKA	SUNGLARE TECHNOLOGIES PVT. LTD	10000
20	227Z5A0462	NAKKARAMAYANA VAMSHI	SUNGLARE TECHNOLOGIES PVT. LTD	10000
21	227Z5A0412	BARAPATI RAJASHEKAR	ZEST IOT	10000
22	227Z5A0413	BATHINI ARUN KUMAR	SI VALLEY	15000
23	227Z5A0432	G BALAKRISHNA GOUD	SI VALLEY	15000
24	227Z5A0438	KANUKULA SAI KUMAR	SI VALLEY	15000
25	227Z5A0467	PASHYAM GOVARDHAN	SI VALLEY	15000
26	217Z1A0485	SATTU ABHILASH REDDY	VALKONTEK	10,000
27	217Z1A04A1	YERUKALA NANI	VALKONTEK	10,000



28	227Z5A0468	PASULA SHYAM SUNDER	GRO INDIA PVT. LTD	12,000
29	227Z5A0478	TILETI NIKHITHA	GRO INDIA PVT. LTD	12,000
30	227Z5A0436	KAMBOJU EESRITHA	RODEO CAR EXPERTS	15,000
31	227Z1A0462	LINGALA SHIVANI	ACCORD POWER CONVERSATION PVT. LTD	10, 000

## **7. ALUMNI REFLECTION**

	<p>Hi, I am PONNURU LEELA CHAKRADHAR. I am the passed out student of NNRG in the year 2019. I am currently working in W3GLOBAL Company. I have total 0.7 years of IT/ NonIT Database Management experience in which i manage ATS TP and Sourcing. My best experiences in joining Nalla Narasimha Reddy College are where I met the strangers and now they became friends forever. We used to chill in the cafeteria and in Cricket ground, but we used to the Things on time and we used to manage work and enjoyment. Our faculty Helped us a lot in terms of subject, knowledge and they used to teach us How things are in the outside world. I would say we learned a lot in the college and we enjoyed a lot.</p>
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**WISHING YOU ALL SUCCESS AND GOOD HEALTH!**



