Dear Readers

A teacher is always a student who updates his knowledge for teaching the students in a better way.

Department of EEE organized a Five Day Faculty Development Programme on "NSQF Aligned Skill Development "from 19-2-2024 to 23-2-24.Department of EEE also organized an International virtual conference on "Recent Trends in Power Systems and Power Electronics-2024 on 5-4-24 and 6-4-24.

Department of Mechanical Engineering Organized an International Conference on "Emerging Trends in Mechanical Engineering and Industrial Automation "on 19th & 20th April 2024.

The students of NEC are not simply confined to education. They never forget the society. They have a good zeal to do something for the society.

NSS unit of Narasaraopeta Engineering College organized an EYE checkup camp, Blood Donation camp and Cancer Awareness Programs for people.

Yoga was born in India centuries ago. It has been accepted and adopted all over the world. Everyone should know the importance of Yoga at this present juncture. International Yoga day has been celebrated in NEC. The importance of Yoga in day today life has been explained by Janardhan guruji.

There is a need to know our Traditions and Culture. Sankranthi sambaralu have been celebrated with great enthusiasm.

"Yatra Naryeshu Pujyanthe Ramanthe Tatra Devatha"(Where women are honored Divinity blossoms there).Women's day has been celebrated in NEC with great reverence .

Like this NEC always thinks about the all-round development of the student.

----Editor

Principal's Desk

It is a matter of great pride and satisfaction for Narasaraopeta Engineering College to bring out the News Letter 'NEC WAVES' released for the period of Jan 2024 to June 2024. The college has made tremendous progress in all areas. I feel proud to say that Narasaraopeta Engineering College has secured a remarkable position in India's prestigious rankings. According to The Week-Hansa Research survey 2024, NEC stands proud at 138 among the nation's top Private Engineering colleges.

This accolade is a testament to our commitment to academic excellence innovation and collective efforts of our faculty.

I also congratulate the students who have got a wonderful opportunity to have an interaction with Sri Satya Nadella, CEO Microsoft company.

I also congratulate the Editorial board of the news letter who have played a significant role in accomplishing the task.

-- Dr. S.Venkateswarlu, Principal

Dr. S.Venkateswarlu, Principal

Vision

To emerge as a Centre of excellence in technical education with a blend of effective student centric teaching learning practices as well as research for the transformation of lives and community.

Mission

Provide the best class infrastructure to explore the field of engineering and research.

Build a passionate and a determined team of faculty with student centric teaching, imbibing experiential, innovative skills.

Imbibe lifelong learning skills, entrepreneurial skills and ethical values in students for addressing societal problems.

Jubilation 2K24 @ NEC   on 1st & 2nd March, 2024

Department of Civil Engineering
You Dreamt it We Built it!

Vision

To be a center of excellence with state of art infrastructure and imbibe knowledge on advanced technologies in the field of Civil engineering with a focus on research and sustainable development for the benefit of society.

Mission

- Train the students as technologically motivated Civil engineers and researchers who can serve the society competently, collaboratively and ethically as planners, designers, constructors and operators.

- To provide quality based consultancy services to the communities for the development of civil engineering industry and other allied fields.

- To ignite innovative thinking, entrepreneur skills among students

New Trends in Technology
GREEN CONSTRUCTION AND SUSTAINABLE CITIES

Green construction practices are becoming paramount in the evolving landscape of the construction industry. These methods focus on reducing the carbon footprint and greenhouse gas emissions, which is pivotal in creating sustainable cities. The adoption of sustainable and recycled materials, alongside innovative building techniques, is transforming traditional construction methods. This shift contributes to the development of energy-efficient buildings and integrates renewable energy solutions like solar panels. These green buildings play a crucial role in establishing smart cities, optimizing energy consumption and promoting eco-friendly lifestyles. The trend towards green construction not only meets societal demands for sustainability but also sets a standard for future construction, ensuring long-term environmental benefits and quality of life improvements.

ECO-FRIENDLY CONSTRUCTION: REDUCING WASTE AND ENHANCING SUSTAINABILITY

The construction sector is increasingly focusing on eco-friendly practices to enhance sustainability. This involves a concerted effort to reduce material waste and optimize the use of sustainable building materials. The economic downturn has prompted a re-evaluation of material costs, driving the industry towards more cost-effective and sustainable solutions. Effective waste management strategies are integral to this approach, minimizing environmental impact and supporting the growth of sustainable cities. Additionally, these practices contribute significantly to the quality of life by creating healthier living environments. The move towards sustainable construction is an ethical choice and a practical response to material shortages and the global focus on sustainability. This approach sets new standards in the construction industry, paving the way for a more sustainable future.

Faculty Focus

- Mrs. A.LakshmiPrasanna completed NPTEL Course in Basic construction materials with Elite Status in January-April 2024.

- Mrs. A.LakshmiPrasanna completed NPTEL Course in Introduction to civil Engineering Profession with Elite Status in January-March 2024.

- Mr. M.N.S.Sambasiva Rao completed NPTEL Course in Introduction to civil Engineering Profession with Elite Status in January-March 2024.

- Mr. K.JeyaVignesh completed NPTEL Course in Introduction to civil Engineering Profession with Elite Status in January-March 2024.

- Mrs. K.Yamuna completed NPTEL Course in Introduction to civil Engineering Profession with Elite+Silver Status in January-March 2024.

- Mr. N.M.Subhani completed NPTEL Course in Introduction to civil Engineering Profession with Elite Status in January-March 2024.

- Mr. Sk.Sydha completed NPTEL Course in Introduction to civil Engineering Profession with Elite Status in January-March 2024.

- Mr. N.M.Subhanisuccessfully completed NPTEL Course in Basic construction materials in January-April 2024.

- Dr.P.NagaSowjanya completed Edx Course in The Industry and Profession in construction management.

- Mrs. A.LakshmiPrasanna completed Edx Course in GIS Image Analysis in Arc-GIS Pro

- Mrs. A.LakshmiPrasanna completed Edx Course in The Industry and Profession in construction management.

- Mr. M.N.S.Sambasiva Rao completed Edx Course in The Industry and Profession in construction management.

- Mr. K.JeyaVignesh completed Edx Course in The Industry and Profession in construction management.

- Mr. K.Anilkumar completed Edx Course in GIS Image Analysis in Arc-GIS Pro

- Mr. N.M. Subhani completed Edx Course in GIS Image Analysis in Arc-GIS Pro

- MrSk.Sydha completed Edx Course in 3D printing Essentials-from design to reality.

- Mr. P.Naresh completed Edx Course in The Industry and Profession in construction management.

- Mrs. A.LakshmiPrasanna completed Innovation Ambassidor training (IA)- Foundation level on 16-03-2024 by MOE's Innovation cell and AICTE.

- Mrs. A.LakshmiPrasanna completed Innovation Ambassidor training (IA)- Advanced level on 18-03-2024 by MOE's Innovation cell and AICTE.

- Mr. M.N.S.Sambasiva Rao presented "Design of water distribution network for Yellamanda using EPANET software" in NEC-ICETCE 2K24, NEC-ICETCE 2K24 from 26-27 April 2024.

- Mrs. A.LakshmiPrasannapresented "Analysis and Design of 247 Park by Using STAAD Pro." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

- Mrs. K.Yamunapresented "Analysis of Ground Water in Narasaraopet at Various Locations." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

- Mr. K.JeyaVignesh presented "Analysis & Design of G+6 Residential Building by Using STAAD Pro." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

- Dr.P.NagaSowjanyapresented "Application of GIS in Water Supply Management Network." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

- Mrs. K.Yamunapresented "Design & Analysis of G+5 Residential Building Using STAAD Pro..." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

- Mr. M.N.S.Sambasiva Raopresented "Preparation of FMB using TOTAL STATION." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

- Mrs .A. LakshmiPrasannapresented "Planning and Execution of a Buildings." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

○ Mrs.K.SivaNagamani presented "Planning, designing, analysis and estimation of G+5 residential building" in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

○ Mrs.K.Yamunapresented "A Study on Characteristic Strength of High Performance Concrete of M80 by Partial Replacement of Cement & Sand with Fly Ash &Robo Sand" in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

○ Dr.P.NagaSowjanyapresented "Analysis of basalt fibre reinforced concrete with partial replacement of fine aggregate by foundry sand" in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

○ Mr.K.JeyaVigneshpresented "An experimental study on self-healing concrete and its strength." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

○ Mr.N.M.Subhanipresented "An experimental investigation on strength properties of concrete with graphene oxide." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

○ Mr.K.Anil Kumar presented "An experimental study on partial replacement of cement with rice husk ash in concrete" in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

○ Mr.N.M.Subhanipresented "Analysis and Design of G+5 Residential Building by Using STAAD Pro." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

○ Mrs.K.Siva Naga mani presented "Partial replacement of cement and fine aggregate with wood ash and foundry sand in concrete." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

○ Mrs.A.LakshmiPrasannapresented "An Experimental Study on Partial Replacement of Cement with GGBS in Concrete." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

○ Mr Sk.Sydhapresented "Use of Demolished Concrete Waste in Partial Replacement of Coarse Aggregate in Concrete." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

○ Mr.P.Nareshpresented "Partial Replacement of Fine and Coarse Aggregate with Quarry Dust and Coconut Shell" in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

○ Mr Sk.Sydhapresented "An Experimental Study on Partial Replacement of Fine Aggregate by Quarry Dust in Concrete" in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

○ Mr.K.Anil Kumar presented "Partial replacement of coarse aggregate with waste brick in concrete" in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024

Conferences/ Webinars/ Seminars/ Workshops/ FDP's attended:

○ Mrs.A.L.Prasannaattended Five dayFDP on "Principles of Machine Learning" from25-04-2024 to 30-04-2024organized by Departments of CSE and Allied branches, NEC (A), Narasaraopet.

○ Mr. Sk. Sydhaattended Five day FDP on "Principles of Machine Learning" from25-04-2024 to 30-04-2024organized by Departments of CSE and Allied branches, NEC (A), Narasaraopet.

○ Mr.N.Bhargav Kumar attended Five day FDP on "Principles of Machine Learning" from25-04-2024 to 30-04-2024organized by Departments of CSE and Allied branches, NEC (A), Narasaraopet.

○ MrSk.Sydhaattended 10th international multi-disciplinary conference on current research trends-2024 from 02-02-2024 to 03-02-2024 by IMCCRT

○ Mrs.A.L.Prasannaattended one day webinar on "Industrial oriented symposium conducted on 08-04-2024 by RGUKT-Ongole.

○ Mrs.K.Yamunaattended Five day FDP on "Durability Challengesfor Sustainable Concrete." from18-03-2024 to 22-03-2024,organized by SR University, Warangal in association with National Academy of Construction.

Student focus

○ P.Ganesh (22475A0122) &Ch.Chiranjeevi (22475A0104)secured 1st prize in 3D Art competition in Sankranthi event organized by NEC.

○ K.Charan Kumar (20471A0178)secured 3rd prize in 3D Art competition in Sankranthi event organized by NEC.

A.Harshitha (21471A0103)secured 3rd prize in Traditional Dress competition in Sankranthi event organized by NEC.

P.Koteswara Rao -21475A0113 secured 2nd prize in Technical Quiz in COLORIDO-2024 organized by RVR & JC Engg College on 16th February 2024.

ShaikYasin - 21475A0109 secured 1st Prize (1,500.Rs) in Poster presentation in UDGHOSH-2024 organized by CIET, Mothadaka on 23rd-24th February 2024.

Kumar - 22471A0102 .secured 1st Prize (1,500.Rs) in Singing solo - Boys in ESWAR FEST-2K24 organized by Eswar College of Engineering, Kesanapalli on 23rdFebruary 2024.

ShaikYasin - 21475A0109 secured 1st Prize in Paper presentation in NOVUM- 2K24 organized by CIET, Chalapathinagar,LAM,Guntur on 15th March 2024.

K SaidhaBabu - 21475A0112 secured 1st Prize in Poster presentation in NOVUM- 2K24 organized by CIET, Chalapathinagar,LAM, Guntur on 15th March 2024.

K 21471A0106 – D.Merammasecured 3rd prize in Best costume competition by NEC on 15-03-2024 on the event of Women's day celebrations.

III & II Students attended German Pre-Master Program (Online) organized by RWTH Aachen University, RWTH International Academy on 27-03-2024.

K.Anuhya&V.santhiraju presented "Design of water distribution network for Yellamanda using EPANET software" in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

B.Avinash&BattulaVamsi Sai Krishna presented "Analysis and Design of 247 Park by Using STAAD Pro." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

PenumakaTirumaleswar&Boppudi Harish Kumar presented "Analysis of Ground Water in Narasaraopet at Various Locations." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

KotlaChaitanya Reddy presented "Analysis & Design of G+6 Residential Building by Using STAAD Pro." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

ShaikYasin&KakunuriSaidababu presented "Application of GIS in Water Supply Management Network." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

Shaik Abdul KaleemBasha presented "Design & Analysis of G+5 Residential Building Using STAAD Pro.." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

GopalaKrishna.T presented "Preparation of FMB using TOTAL STATION." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

PolepoguKoteswara Rao presented "Planning and Execution of a Buildings." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

MondithokaPramod presented "Planning, designing, analysis and estimation of G+5 residential building" in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

BojjaKejiya&ShaikSharmila presented "A Study on Characteristic Strength of High Performance Concrete of M80 by Partial Replacement of Cement & Sand with Fly Ash &Robo Sand" in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

Salma Suleiman shaik presented "Analysis of basalt fibre reinforced concrete with partial replacement of fine aggregate by foundry sand" in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

T. Bhavani Prasad &Mekalasakethpresented "An experimental study on self-healing concrete and its strength." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

N.B.S.Asish Reddy presented "An experimental investigation on strength properties of concrete with graphene oxide." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

B.V.Gopi Krishna &RamisettyHemanth presented "An experimental study on partial replacement of cement with rice husk ash in concrete" in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

AnupojuIndrasena presented "Analysis and Design of G+5 Residential Building by Using STAAD Pro." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

ChappidiChinnaBabu presented "Partial replacement of cement and fine aggregate with wood ash and foundry sand in concrete." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

InduriSubbareddy&Shaik.MohammadSuhib presented "An Experimental Study on Partial Replacement of Cement with GGBS in Concrete." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

Returichinna Ajaypresented "Use of Demolished Concrete Waste in Partial Replacement of Coarse Aggregate in Concrete." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

- KattekotaMahimKumapresented "Partial Replacement of Fine and Coarse Aggregate with Quarry Dust and Coconut Shell" in NEC - ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- SrigiriKotiReddy presented "An Experimental Study on Partial Replacement of Fine Aggregate by Quarry Dust in Concrete" in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- AngalakuditiAbhi presented "Partial replacement of coarse aggregate with waste brick in concrete" in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

Thirty three students from IV & III completed NPTEL courses

Important Activities held in the Department

Civil Engineering Department organized an Expert lecture program on Innovations in Structural Engineering by Dr. Karthikeyan.,M.Tech.,PhD Assoc. Professor, HOD-CE, VFSTR, Guntur on 23-01-2024.

JUBILATION 2K24

The Department of Civil Engineering successfully completed Jubilation 2K24 i.e A National Level Student Tech Fest. On the occasion of Jubilation-2K24 on 01 & 02-03-2024, about 50 teams from various colleges have actively participated. Dr. P.Sundar Kumar, Professor, Department of Civil Engineering, Bapatla Engineering College, Bapatla, has acted as judge .Total eight prizes were announced for all the events after thorough evaluation.

Following are the winners list for the above Events.

The details of Power point presentation winners are mentioned

S. No.	Participant Name	College Details	Position
1	B.Kejiya&Sk.Sharmila	NEC, Narasaraopet	I
2	K.Anuhya&V.Santhi Raju	NEC, Narasaraopet	II
3	Sk.Yasin&K.SaidaBabu	NEC, Narasaraopet	III

- The details of technical quiz winners are mentioned below

S. No.	Participant Name	College Details	Position
1	Sk.Md.Ibraheem&K.MohanVenkat	JNTU-Narasaraopeta	I
2	Sk.Yasin , K.SaidaBabu&M.Sivaji	NEC, Narasaraopet	II

- The details of Model making winners are mentioned below.

S. No.	Participant Name	College Details	Position
1	Rakesh Raj , Sunny Deval&Vivek Kumar	NEC, Narasaraopet	I
2	Sk.Salma&P.Triveni	Eswar College Of Engineering	II
3	P.V.Steeven,A.Manohar& Ch.Naveen	NEC, Narasaraopet	III

- Civil Engineering Department has organized 4th International conference on "ICETCE 2K24" conducted by Department of Civil Engineering, Narasaraopet Engineering College (Autonomous) Narasaraopet from 26-4-2024 to 27-4-2024.

Narasaraopeta Engineering College organized Farewell Party on 21th March 2023 at the college auditorium, where students of B.Tech 3rd year bid farewell to the outgoing students of B.Tech final year with great enthusiasm.

Civil Engineering Department managed aIndustrial visit to Final B. Tech Civil Engineering Students to Polavaram Project on 29-06- 2024

Academic toppers

IV, III, II B.Tech students who stood top in their Academic Semester exams.

Alumni Voice

I feel fortunate to be a student of Narasaraopeta Engineering College as it helped me to both on personal and professional front. It inculcated a lot of intra and interpersonal skills which helped me in all round development. Teaching by the senior faculty and the field exposure in my college life has helped me a lot in securing a good job. Personal care towards me by the faculty members has helped me in qualifying the competitive exams at national level. I thank the management of the college for providing necessary materials and books in the library to face the competitive world.

P .Raghu Vamsi, Regd. No.18471A0132,

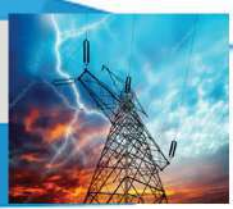**Trainee associate, Formonic Technology, Hyderabad.**

Student's Voice

I acknowledge that my knowledge has been enriched due to my association with our department. Knowledge transformation programs(Guest lecture, workshops, Industrial Visits& skill development programme) conducted to the students is really helpful to face global competition.

Sk.Mansur, Regd. No.22475A0120, III B. Tech

Vision

- To impart student Centric Education in the field of Electrical & Electronics Engineering to transform the individuals into competent Engineers with a focus on research and ethics.

Mission

- To provide knowledge-based technology and infrastructuretomeettheneedso-findustryandSociety.

- To assimilate innovation and research-oriented culture to make successful professionals and entrepreneurs.

- To encourage lifelong learning with ethics among the studentssoastomaketh-emasresponsibleindividuals.

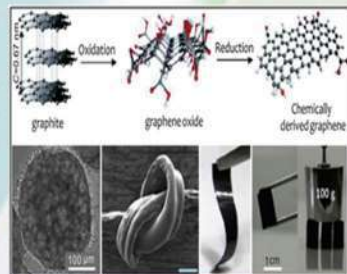## MODERN TRENDS IN TECHNOLOGY
SPACE BASED SOLAR POWER

Space-based solar power is an idea so beautiful, so tantalizing that some argue it is a wish worth fulfilling. A constellation of gigantic satellites in geosynchronous orbit (GEO) nearly 36,000 kilometers above the equator could collect sunlight unfiltered by atmosphere and uninterrupted by night. Each mega sat could then convert gigawatts of power into a microwave beam aimed precisely at a big field of receiving antennas on Earth. Any space solar- power concept that sends energy to Earth via a microwave beam would need a large receiving station on the ground. An elliptical rectenna field 6 to 10 kilometers wide would be covered with antennas and electronics that rectify the microwaves into DC power. Additional inverters would then convert the electricity to grid-compatible AC current.
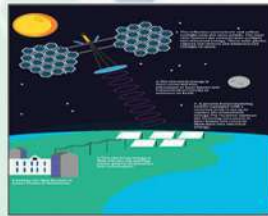
- There is no air in space, so the collecting surfaces could receive much more intense sunlight
- A satellite could be illuminated over 99% of the time.
- Power could be relatively quickly redirected directly to areas that need it most. Elimination of plant and wildlife interference.

GRAPHENE-BASED MATERIALS FOR SUPER CAPACITOR ELECTRODES

Supercapacitors or ultra-capacitors have attracted considerable recent attentions due to their high power density, high charge/discharge rates, and long cycle life performance. They are considered as one of the most promising electrochemical energy storage devices, having a potential to complement or eventually replace the batteries for energy storage applications. Graphene is the well-known two-dimensional carbon monolayers composed of all-sp2-hybridized carbons with some of the most intriguing properties, i.e., lightweight, high electrical and thermal conductivity, highly tunable surface area,strong mechanical strength and chemical stability. These outstanding properties enable graphene and graphene-based materials to find applications in high performance structural nano composites, electronics, and environmental protection and energy devices including both energy generation and storage. The combination of these outstanding physical, mechanical and chemical properties make graphene-based materials more attractive for electrochemical energy storage and sustainable energy generation.

FACULTYFOCUS
FDPSATTENDED:

- The following faculty members are participated & successfully completed in the AICTE recognized FDP on "SAR, OBE and NBA" conducted by Media Engineering Department from04-12-23to08-12-23organizedby NITTTR, Chandigarh.

  1. MrSk.AbdulKalam
  2. MrM.ChandraSekhar
  3. Mr. G. Nagaraju
  4. MrG. Naveen
  5. MrsP.Bramarambavathi
  6. Mrs. P. Raghava Rani

- Mr. Sk. Abdul Kalam has successfully completed "Machine Learning-Fundamentals and Applications" an online non-credit course authorized by IIPE and offered through IIPE Outreach on 31-01-2024.

- Dr.P. Lakshmananhas successfully participated in the five-day online FDP on "Microgrid: Operation, Control and Protection" held during April 18-22, 2024 at Department of Electrical Engineering, National Institute of Technology, Hamirpur, Himachal Pradesh, India.

- Dr. Sk. Md. Shareefhas successfully participated in one week National Level online FDP on "Generative AI Models and Applications of Machine Learning" from 21-05-2024 to 25-05-2024 Organized by the Department of Computer Science & Engineering at Shri Vishnu Engineering College for Women, Bhimavaram, Andhra Pradesh.

- Dr. P. Lakshmananhas successfully participated in Hybrid-Mode Short-Term Course and FDP on "Application of AI & ML on Renewable Energy and EV Technologies" (AAMREET-2024) organized by Department of Electrical Engineering, NIT ROURKELA from 08-06-2024 to 12-06-2024.

NPTELCOURSE DETAILS:

Name of the Faculty	Title	Course Duration
G.Nagaraju	Cloud Computing	Jan-Apr, 2024
Sk. Abdul Kalam	Cloud Computing	Jan-Apr, 2024
G. Naveen	Cloud Computing	Jan-Apr, 2024
P.Bramaramba vathi	Cloud Computing	Jan-Apr, 2024

Organized Programs:
SEMINARPROGRAM

The department of EEE organized A Seminar on "Exploring an Academic Association between IET and NEC" In Association with IQAC, on 23-01-2024.

ThePrincipalDr.M. Sreenivasa Kumar & HOD of EEE Dr. P. Lakshmanan addressed the students.

WORKSHOP PROGRAM

The department of EEE Organized one week workshop on "PLC based Logic Gates" in Association with Power Integrated Solutions, Trichy from 05-02-2024 to 10-02-2024.

The Principal Dr. M. Srinivasa Kumar & HOD of EEE Dr. P. Lakshmanan addressed the students about the importance of Power Electronics Applications Using MATLAB in today's world.

The department of EEE organized A Career Guidance Program for III Year students on 27-11-2023.

The II B. Tech I Sem Students are participated in this workshop & it was explained by Mr.Madhan Kumar, Senior Technical Executive, Power Integrated Solutions.

JUBILATION-2K24

The department of EEE organized "A National level Student TECH-FEST" In Association with Indian Society for Technical Education (ISTE) & IEEE POWER & ENERGY SOCIETY (PES) on 01-03-2024 & 02-03-2024.

Technical Paper Presentation Contest was conducted on 02-03-2024 at seminar hall,department of EEE.

The Project Expo Event was conducted by department of EEE on 02-03-2024.

The Technical Quiz Program was conducted by department of EEE on 02-03-2024.

FAREWELL PROGRAM

The department of EEE III Year Students Organized a Farewell function for IV Year Students held on 11-03-2024.

FDP PROGRAM

The department of EEE& IQAC organized Five Day Faculty Development Program on "NSQF Aligned Skill Development" in Association with NITTTR, Chandigarh from 19-02-2024 to 23-02-2024.

4th INTERNATIONAL VIRTUAL CONFERENCE

The department of EEE organized 4th InternationalVirtual Conference on "Recent Trends in Power Systems and Power Electronics – 2K24" (NEC-ICPSPE-2K24) which will be held on 05-04-2024 & 06-04-2024 In Association with IEEE & ISTE.

Dr. V. S. SrirajaBalaguru, Assistant ExecutiveEngineer/ Electrical/ IT, TNEB Headquarters, Chennai, deliver Keynote address Virtually about recent Technologies in Power Electronics & Power Systems and Applications on 05-04-2024.

The enthusiastic participants gave outstanding feedback about keynote speakers and helped in attaining the knowledge.

Student Focus
NPTEL Course Details

Year&Sem	Title	Course Duration	No. of Students Completed
IV-I	Cloud Computing	Jan-April, 2024	02
	Cloud Computing & Distributed Systems	Jan-April, 2024	03
	Introduction To Internet of Things	Jan-April, 2024	03
	Data Mining	Jan-April, 2024	04
III-I	Cloud Computing	Jan-April, 2024	03
	Cloud Computing & Distributed Systems	Jan-April, 2024	04
	Introduction To Internet of Things	Jan-April, 2024	04
	Data Mining	Jan-April, 2024	04
	Design Technology & Innovation	Jan-April, 2024	02
II-I	Cloud Computing	Jan-April, 2024	28
	Cloud Computing & Distributed Systems	Jan-April, 2024	02

AICTE - PARAKH

From III B. Tech, II Sem EEE, 60 Stuents have attended AICTE PARAKH Student Learning Assessment and completed on their respective fields.

From II B. Tech, II Sem EEE, 43 Students have attended AICTE-PARAKH Student Learning Assessment and completed on their respective fields.

STUDENT ACHIEVEMENTS:

INDEPENDENCEDAY CELEBRATIONS

Prize in the event of Traditional Dress Competition conducted on the occasion of Sankranthi Sambaralu-2024 organized by Narasaraopeta Engineering College on 08-01-2024.

Sk. Fathima Bi (22471A0226), of II EEE has won Consolation Prize in the event of Traditional Dress Competition conducted on the occasion of Sankranthi Sambaralu-2024 organized by Narasaraopeta Engineering College on 08-01-2024.

MAHOSTAV GOT TALENT

D.Naganjali (22475A0222), of III EEE has won the Second Prize in the events of TRADITIONAL YOGASANA (WOMEN) & MAHOSTAV GOT TALENT organized by VIGNAN'S FOUNDATION FOR SCIENCE, TECHNOLOGY & RESEARCH, GUNTUR, ANDHRA PRADESH, from 01-02-2024 to 03-02-2024.

VIDYUT TARANG-2K24

Sk. MohiddinBasha(21471A0247)&Sk. Shahabaj (21471A0249), of IV EEE has won Third Prize in the event of Innovarenain VIDYUT TARANG-2K24organized at COLORIDO 2024-A National level Technical, Cultural and Sports FEST held on 16-02-2024.

D. Naganjali(22475A0222)& K. SaiLeela(22475A0226), of III EEE has won Third Prize in the event of Posto-Presoin VIDYUT TARANG-2K24organized at COLORIDO 2024-A National level Technical, Cultural and Sports FEST held on 16-02-2024.

ESWAR FEST-2K24

T. Kusuma Reddy (22471A0225), K. SaiLeela(22475A0226)& M. Sowjanya (22475A0238), of III EEE has won First Prize in the event of Poster Presentation in the National Level Technical & Cultural ESWAR FEST-2K24held on24-02-2024.

A. Susmitha Lakshmi (22475A0225)& B. BalaSai Reddy (22475A0224), of III EEE has won First Prize in the event of Paper Presentation in the National Level Technical & Cultural ESWAR FEST-2K24held on24-02-2024.

JUBILATION-2K24

V. Triveni(22471A0230)& T. Kusuma Reddy (22471A0225), of III EEE has won Second Prize in the event of TechnicalPaper Presentation as part of JUBILATION-2K24 held during 01-03-2024 & 02-03-2024.

R. Ramya(20471A0254)& P. Sarath Kumar (20471A0230) of IV EEE has won First Prize in the event of Project Expo as part of JUBILATION-2K24 held during 01-03-2024 & 02-03-2024.

P. Rosaiah(21475A0209)& N. Ramesh (21475A0250) of IV EEE has won Second Prize in the event of Project Expo as part of JUBILATION-2K24 held during 01-03-2024 & 02-03-2024.

V. Pranay Naga Sai(21475A0230) of IV EEE has won Third Prize in the event of Project Expo as part of JUBILATION-2K24 held during 01-03-2024 & 02-03-2024.

V. Pranay Naga Sai (21475A0230), M. Kesava Krishna (21475A0221)& T. Lakshmi Rahul (21475A0218) of IV EEE has won First Prize in the event of TechnicalQuiz as part of JUBILATION-2K24 held during 01-03-2024 & 02-03-2024.

The following students are secured with highest marks in their respective semester results

S. Anil (22471A0208), N. Pavan Kumar (22475A0253) & V. Sai Ram (22475A0252) of III EEE has won Second Prize in the event of TechnicalQuiz as part of JUBILATION-2K24 held during 01-03-2024 & 02-03-2024.

INTERNATIONAL WOMEN'S DAY

J. Indu (22471A0209) of II EEE has won First Prize in the event of Poster Presentation conductedas a part of International Women's Day - 2024 organized by Narasaraopeta Engineering College held on 15-03-2024.

M. Sowjanya (22475A0238) & G. Anusha Glory (22475A0239) of III EEE has won Second Prize in the event of Cooking without Fire conductedas a part of International Women's Day -2024 organized by Narasaraopeta Engineering College held on 15-03-2024.

M. Sowjanya(22475A0238) of III EEE has won First Prize in the event of Best Costume conductedas a part of International Women's Day - 2024 organized by Narasaraopeta Engineering College held on 15-03-2024.

GATE-2024

The followingIV EEE Students are Qualified Electrical Engineering paper in GATE-2024.

23(A) BN NCC EXAMS

L/CPL K. Dileep Kumar of III EEE Student has excelled as the Topper of the 23(A) BN NCC in the B-Certificate Examinations held in February-2024.

Academic Toppers:

The following studentsare secured with highest marks in their respective semester results.

I –B.TechI–SEM

II –B.TechI–SEM

III–B.TechI–SEM

IV–B.TechI–SEM

INDUSTRIAL VISIT S:

As a part of Academics students are required to visit industriesinordertoget-thepracticalknowledgeand industrial exposure.

The II EEE students are visited 765/400 kV Substation Power Grid Corporation of India. Ltd, Annavaram

The IV B.Tech students are visited Hydro Power Plant located at Srisailam on 22-06-2024.

TRAINING PROGRAMS ORGANIZED

CRT–TrainingProgramisconducted for III & IIB. TechEEEStudents from 05-01-24 to 18-01-24 organized by Bytexl team

Coding Assessmentsareconducted-forIII B. TechEEE Students from 08-01-24 to 10-01-24 organized by Tech Hub team.

TCS SpecificProgramisconducted-forIVB. TechEEE Students from 24-01-24 to 07-02-24 organized by Bytexl team.

Microsoft AI Odyssey Programis-conductedforIIB. TechEEEStudents from 23-01-24 to 05-02-24 organized by Internal team.

CRT–Training Program is conducted for II B. Tech EEE Students from 11-03-24 to 28-03-24 organized by Bytexl team.

Guntur, Andhra Pradesh, India
53X4+V6P, Andhra Pradesh 522611, India
Lat 16.19949°
Long 80.055496°
15/03/24 11:53 AM GMT +05:30

CRT–Training Program is conducted for III B. Tech EEE Students from 06-05-24 to 18-05-24 organized by Bytexl team.

Placements:

5 Students of IV-EEE are placed in CAPE Electric Pvt. Ltd. With a package of 4 LPA on 18-01-2024.

- 2 Students of IV- EEE are placed in ITC Limited., Guntur, with a package of 4.2 LPA on 02-02-2024.
- 5 Students of IV-EEE are placed in TVS Sundaram Fasteners Ltd., With a package of 4.0 LPA on 28-03-2024.
- 3 Students of IV-EEE are placed in NEOLYC Telecommunication, With a package of 4.0 LPA on 03-04-2024.

ALUMNI VOICE:

It is an immense pleasure to say that I was a part of NEC. The facilities are really very kind & approachable when any need arises. Today, I am in good position it's because of what I have leant from NEC. The Professors are dedicated experts & helpful in their respective subjects.

Their experience helps us to learn more about industrial relevance of the subjects. There are many co-curricular & extra-curricular activities conducted by the NEC. Finally, I would like to thank the entire NEC family for providing such a wonderful educational platform for students from different corners of India.

A.Bhargav Mahesh
Trainee Enginner,
Accenture,
Batch:2020-2024

STUDENT'S VOICE:

I am proud to be part of NEC, the college not only imparts knowledge but also instills life skills in us to make us responsible person. In this competitive and expensive era, the objective of NEC imparting quality education of affordable cost in really praise worthy. Thanks to all my staff and NEC group.

22471A0239
Y.Sreeja

Vision

- To strive for making competent mechanical engineering Professionals to cater the real time needs of Industry and Research Organizations of high repute with entrepreneurial skills and ethical values.

Mission

- To train the students with state of art infrastructure to make them industry ready professionals and to promote them for higher studies and research.

- To employ committed faculty for developing competent mechanical engineering graduates to deal with complex problems.

- To support the students in developing professionalism and make them socially committed mechanical engineers with morals and ethical

MODERN TRENDS IN TECHNOLOGY:

Smart, Efficient & Sustainable HVAC Systems:

- Heating, ventilation and air conditioning (HVAC) systems keep buildings comfortable and air healthy to breathe. Mechanical engineers design the complex HVAC equipment needed for homes, offices, factories and more.

- Smart temperature and humidity sensors reduce energy use. Mechanical engineers are also working to electrify and decarbonize HVAC systems through innovations like electric heat pumps.

- Pilli Sravani Assistant professor and A.Pavan Kumar Assistant professor published International Journal for Modern Trends in Science and Technology **"Thermal and Stress Analysis of a Drum Brake by using Functional Graded Materials",** Volume 10, Issue 02, pages 194-201. ISSN: 2455-3778 online Available online at: http://www.ijmtst. com/vol10issue02.html DOI: https://doi.org/10.46501/IJMTST1002027.

Analysis of Composite Leaf Spring Accordance with the Applied Loads", Indexed by Scopus INTERNATIONAL

- Dr.D.Suneel Vice Principal NEC(A), and Dr.Penugonda Suresh Babu Professor a published a Journal paper entitled **"Optimizing Closed Loop Pulsating Heat Pipes (CL-PHPs) using Taguchi Method Enhancing Thermal Performance and Operational Parameters",** by Case Studies in Thermal Engineering – ELSEVIER International Journal, Abstracting and indexing: Science Citation Index Expanded, Web of Science, Directory of Open Access Journals (DOAJ), INSPEC.

FACULTY ACHIEVEMENTS:

WORKSHOPS/CONFERENCES/ WEBINARS/FDPS/ QUIZ/ATTENDED:

Dr.B.Venkata siva, HOD ME , attended for one week Faculty Development program through offline mode on "Hands on training workshop on Additive Manufacturing", organized by National center for Additive Manufacturing (NCAM)C.I.T.D Vijayawada from11/03/2024 to 14/03/2024.

Department staff participated in one day workshop on organized "Research Society Impact " ,by Dr P.V.Naganjaneyulu professor dept of ECE , School of engineering Mizoram university (central university) , Mizoram on 23/03/2024

Mechanical staff participated in a five day faculty development program on "Principles of Machine learning", by resource person Mr. T.V.Rao , Former Academic adviser APSSDC from 25/04/2024 to 30/04/2024.Organized by CSE & Allied branches.

FACULTY CERTIFICATIONS:

Dr.Venkannababu Mendi, Professor got approval by department research committee co-guide superviser in the subject of mechanical engineering by Shri Jagdishprasad Jhabarmal Tibrewala University,Rajasthan.

- Dr.B.Venkatasiva, HOD ME, reviewed a Journal paper entitled "Tg, density and X-ray diffraction of zinc-doped bioactive glasses with molar formulation : $20.15[(2.038+x)SiO_2-(1.457-x)Na_2O]-2.6P_2O_5-26.905CaO-0.045ZnO$ system", Indexed by Asian Journal of Physical and Chemical Sciences.

- Mechanical staff (18) registered and completed Edx course on "3D Printing Essentials from Deisgn to Reality", a course of study offered by AlaskaX, an online learning initiative of University of Alaska Fairbanks.

DEPARTMENT ACTIVITIES:

- Mechanical Engineering department and IQAC cell organized Six week Enterpreneurship & Skill development programme on **"Auto CAD, CREO PARAMETRIC and SOLID WORKS",** for second , third and final year students in association with MSME –TOOL ROOM CENTRAL INSTITUTE OF TOOL DESIGN From 12/02/2024 to 22/03/2024.

- Mechanical Engineering department and IQAC cell organized **One week Hands -On workshop on "IOT ,ROBOTICS AND DRONE TECHNOLOGY",** for second ,third and final year students From 12 / 02 / 2024 to 16 / 02 / 2024 Dr. B.K.C.Ganesh, CEO & FOUNDER PRINT 3D TECHNOLOGIES TIRUPATHI acted as resource person.

Department has organized a Career Guidance Talk for final year students on "Career Opportunities after B. Tech ", by Mr.V.R.D.M.Kausik agastyaraj Faculty at ACE Engineering academy 27/02/2024.

Department has organized JUBILATION -2K24 Event "NATIONAL LEVEL STUDENT SPORTS AND TECHFEST", in Association with The Institute of Engineers (India), Indian Society For Technical Education(ISTE), Society of Mechanical Automotive Engineers (SMAE) and The American society Of Mechanical Engineers (ASME)from 01/03/2024 to 02/03/2024. The Event is Inaugurated by M.Koteswrarao garu (Honrable chairman) and Dr.M. Sreenivasa kumar, Principal NEC.Total 85 (70inside +15 outside) Students were enrolled for different activities.

Department has organized online workshop on " INTELLECTUAL PROPERTY RIGHTS & PATENTS and DESIGN FILLINGS', in Association with Ragive Gandhi National Institute of Intellectual Property Management (RGNIIPM), Government of India,Nagpur under National Intellectual Property Awareness Mission (NIPAM), on 22.03.2024 at 11.00 AM for all the faculty members and students of higher education institutions.Resource Person: Shri. Bharat N Suryawanshi Asst Controller of Patents & Design RGNIIPM, Nagpur.

Department of Mechanical Engineering, Narasaraopeta Engineering College Successfully Inaugurated 4th International Conference On "Emerging Trends in Mechanical Engineering and Industrial Automation, NEC -ICETMEIA2K24",, which is scheduled during 19th & 20th April 2024. Total 52 Papers were shortlisted for the presentation.

Department has organized a One week Online Faculty Development Program on "Advanced Machining Processes * (ICT-125)", during 06/05/2024 to 10/05/2024 in Association with NITTTR - Chandigarh. 22 faculty members are participating from our remote centre.

Department has organized Guest Lecture on "Simulation and Analysis of Extruded aerospace Components Using Deform 3D software ", for third and final year students by Dr K. Anupama francy, Associate Professor Shri Vishnu Engineering college for women Vishnupur, Bhimavaram, A.P on 08/05/2024.

MOUs:

STUDENT FOCUS:
STUDENTERTIFICATIONS/PARTICIPATIONS IN WORKSHOPS / CONFERENCES/PROGRAMS:

Mechanical Engineering Students participated in 3D art Competition on the occasion of Sankranti sambaralu on 8/1/2024

K. Koteswara Rao second year student got consolation prize in 3D Art competition on the occasion of sankranti sambaralu 2024.

B. Mahesh third year student got first prize in 3D Art competition on the occasion of sankranti sambaralu 2024.

Y.Hemalatha meghana third year student got consolation prize in Traditional dress competition on the occasion of sankranti sambaralu 2024.

A.Ramarao third year student got second prize in Traditional dress competition on the occasion of sankranti sambaralu 2024.

III B.Tech Mechanical Engineering Students L.RAMBABU (22475A0301), U LOKESH (22475A0310) and N SURESH (22475A0317) Secured 2nd Prize (2000Rs Cash Prize + Memento + Certificate) in the Event Mechmantra (Paper Presentation) contest organised at Colorado 2024, RVR & JC College of Engineering held on 16/02/2024

III B.Tech Mechanical Engineering students K. M. Krishna - 22475A0349, M. Gopi Purna - 22475A0309 ,Mr. K. Mahesh - 22475A0327, S. Sai Santosh - 21471A0309 and A.P.V. Ramarao- 22475A0323 Secured 3rd Prize (1000Rs Cash Prize + Memento + Certificate) in the Event Mechmantra (Yantralayam - Project Expo) contest organised at Colorido 2024, RVR & JC College of Engineering held on 16/02/2024

III B.Tech Mechanical Engineering Students K. M. Krishna (22475A0349), Mr. G.S. Koteswara Rao (22475A0318) and V. Kishore (22475A0315) Secured first Prize (1000 Rs Cash Prize + Memento + Certificate) in the Event Eswar Fest 2k24 - Project Expo organised at Eswar College of Engineering from 23/02/2024 to 24/02/2024.

III B.Tech Mechanical Engineering Students B.Syam Babu(22475A0322) and Gurram siva ganesh. (21475A0333) Secured first Prize(1000Rs Cash Prize + Memento + Certificate) in the Event Eswar Fest 2k24 - cricket organised at Eswar College of Engineering from 23/02/2024 to 24/02/2024.

III B.Tech Mechanical Engineering Students Y. Hemalatha Meghana and B.Yuvaraju Secured first Prize(1000Rs Cash Prize + Memento + Certificate) in the Event Eswar Fest 2k24 – Paper presentationorganised at Eswar College of Engineering from 23/02/2024 to 24/02/2024.

III B.Tech Mechanical Engineering Students Balaga Yugandhar and Lukalapu Rambabu Secured first Prize(1000Rs Cash Prize + Memento + Certificate) in the Event Eswar Fest 2k24 – Poster presentation organised at Eswar College of Engineering from 23/02/2024 to 24/02/2024.

Students (20 Batches) participated in Project Expo Competition on the occasion of JUBILATION -2K24 NATIONAL LEVEL STUDENT SPORTS & TECH FEST from 01/03/2024 to 02/03/2024.

Students (25 Batches) participated in Technical Quiz Competition on the occasion of JUBILATION -2K24 NATIONAL LEVEL STUDENT SPORTS & TECH FEST from 01/03/2024 to 02/03/2024.

Students (28 Batches) participated in Paper Presentation Competition on the occasion of JUBILATION -2K24 NATIONAL LEVEL STUDENT SPORTS & TECH FEST from 01/03/2024 to 02/03/2024.

Technical quiz winners

Project expo winners

Technical Paper Presentation winners.

Department has organized "CRT Training (Azure +TCS)", for third year students from 06/05/2024to 18/05/2024 1.Vamsi, Verbal Trainer , Bytxel HYD, Raja, soft skills Trainer, Bytxel HYD, Sai kishore ,Aptitude Trainer, Bytxel HYD and Roshan, Python Trainer, Bytxel HYD T acted as Resource persons.

STUDENT CERTIFICATIONS:

Mechanical Engineering students registered and completed Edx course on "3D Printing Essentials from Deisgn to Reality", a course of study offered by AlaskaX, an online learning initiative of University of Alaska Fairbanks..

CO CIRCULAR ACTIVITIES (SPORTS):

Mechanical Engineering staff participated and won in cricket game on the occasion of Jubilation 2K24 sports events on 24/02/2024.

Mechanical Engineering Students participated in CRICKET as a part of Jubilation 2K23 sports events from 01/03/2024 to 02/03/2024.

Mechanical Engineering Students participated in KHO KHO as a part of Jubilation 2K23 sports events from 01/03/2024 to 02/03/2024.

NSS ACTIVITIES:

Mechanical Engineering department students are participated in "BLOOD DONATION PROGRAM", in association with palnadu blood center, Narasaraopet organized in our college premises as a part of NSS activity on 02/02/2024.

ALUMNI TALK:

Department has organized Alumni talk to third year students on "Career Guidance", on 20/01/2024, For this program Mr Kikkuru prudhvi yashwanth reddy, Business Requirements Tata consultancy services , Mumbai Thane acted as a Resource person.

INDUSTRIAL VISITS

Students from second year Visited "MAHANANDI PIPES", Shanti nagar, palnadu district, as a part of an industrial visit on 05/02/2024 . A.Pavan kumar Assistant professor coordinated this program.

Students from second year Visited "Central Institute of Petrochemicals Engineering & Technology (CPIET", Vijayawada as a part of Industrial visit on 15/03/2023, faculty coordinator A. Pavan kumar Assistant professor and M.Venkaih, Assistant Professor attended to this visit along with students

CAMPUS PLACEMENTS:

Students of Mechanical got selected in various companies listed below.

Academic Toppers

The following students are toppers in the end examinations in their respective classes

ALUMNI VOICE:

I am a student of NEC and would like to whole heartedly announce that, NEC has provided me a wonderful environment and opportunity to learn and grow myself academically. It was a great time, spent in NEC. The four years spent here was splendid and has helped me excel professionally as well as personally. Apart from academic, department offers various opportunity to enjoy our college days which was attracting us towards college many of the time. The relation between faculty and student is very cordial, which gave me an opportunity to excel further.

Chintha Ramakoteswararao,
Assistant developer
Centilion pvt limited,Madhapur, Hyderabad

Student Voice:

Absolutely, as a student, I have some perspectives on the National Education Curriculum (NEC) that I'd like to share.

Firstly, I see the NEC as a roadmap for my educational journey. It lays out what I'm expected to learn and achieve during my time in school. Having this structure is helpful because it gives me a sense of direction and helps me understand the broader goals of my education

Vision

To emerge as a center of excellence in Electronics and Communication Engineering through student-centric education and research focus to cater to the current and future needs of society.

Mission

M1: To provide the best infrastructure for empowering the students with quality education to motivate them towards higher studies and research.

M2: To provide qualified and experienced faculty for student-centric teaching in order to mould the students as successful professionals in the modern Electronics industry.

M3: To inculcate leadership qualities, professional etiquette, ethical values, and social responsibilities.

Modern Trends in Technology

Printed Electronics

Printing electronic components on a semiconductor substrate is the most effective way to reduce the overall cost of the manufacturing process. So, manufacturers are always trying to tackle this challenge by searching for new technologies and advancements in conventional printing technologies.

Printing electronic components on a semiconductor substrate is the most effective way to reduce the overall cost of the manufacturing process. So, manufacturers are always trying to tackle this challenge by searching for new technologies and advancements in conventional printing technologies.

Canadian start up Omniply offers a delamination technology that facilitates the separation of flexible circuits from their rigid carrier. It creates high-performance electronic devices on flexible substrates without compromising device performance or without changing the manufacturing infrastructure.

This delamination technique makes the process cheaper and eco-friendly, compared to traditional delamination methods. In addition, it overcomes resolution and reliability limits associated with printed electronics by using traditional CMOS infrastructure for device fabrication.

TracXon is a Dutch startup that makes sustainable and hybrid printed electronics. The startup leverages sheet-to-sheet (S2S) and roll-to-roll (R2R) printing, photonic sintering, stencil printing, component assembly, and more to make printed electronics.

The startup's technology also features a lower carbon footprint and finds applications in the lighting, automotive, healthcare, and electronics industries.

Electronic Pills - Collecting Data inside the Body

After years of investment and development, wireless devices contained in swallowable capsules are now reaching the market.

Israel-based Given Imaging and the researchers at the University of Buffalo in New York have developed ingestible capsules that record data from inside your body.
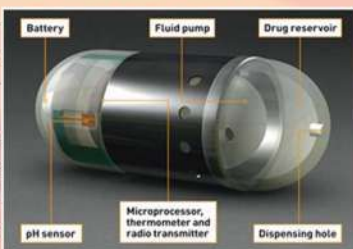
FACULTY FOCUS
Awards

Dr. Veeravalli Venkata Rao has got Certificate of Appreciation for Volunteered as proctor to guide and oversee competing teams for the IEEE Xtreme 17.0 programming competition that hosted +17,000 participants

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Dr. A.V. Nagesawara Rao has successfully satisfied the requirements for IBM Data Science Practitioner certificate : Instructor on 20-02-24, Issued by IBM.

Publications

• Sk EbraheemKhaleelulla, D Krishna et.al," Design a super ultra-wideband antenna for 6G applications using CST tool", Muktshbad journal, Vol XIII, Issue IV, April 2024.

• Dr. Y. Jaipalreddy, "Fuzzy Intrusion detection method and zero knowledge authentication for internet of things networks", International Journal of Intelegent systems and Applications in Engineering, Vol:12, Issue:16, February 2024, pages:289-296.

• A Patent has been granted to Dr. B. Suneetha for an invention entitled "SMART HAND SANITIZER MAKING AND DISPENSING MACHINE", by Government of India, on 01-03-24.

Faculty Certification Courses
NPTEL

Name of the Faculty	Program	No.Of Weeks
Dr. V. Venkata Rao, Mr. N. Srinivasa Rao, , Dr. Y. Jaipal Reddy, Dr. B. Siva Nageswara Rao	Introduction to Industry 4.0 and Industrial Internet of Things	12
Dr. A. V. Nageswara Rao	Data Analytics with Python	12
Mr. A. Ramesh , Mr. M.B. Narendra, Mrs. G. Rajavali, Mr. G. Ramana Reddy, Mrs P. Vinuthna,Mr. P. Jaya Babu,Mr. V. Naveen Raja, Mr. A. RaveendraBabu,	Cloud Computing	12
Dr. K. Raju,Mr. B. Babu Rao,	Introduction to Internet of Things	12
Mr. Ch. AdiBabu,Mr. B. Babu Rao,	Research Methdology	12

IBM Certifications

Name of the Faculty	Program	Dates of Organization	Organized by
Dr. V. Venkata Rao, Dr. SK. Bajidvali, Dr. A.V. Nageswararo, Dr. Raju.K,Dr SK EbraheemKhaleelullaDr. B. Suneeetha, Mr. M.B. Narendra, Mr. G.V. Ramanareddy, Mr. CH. AdiBabu, Mr. Ch. Seshukumar, Mr. A. Ramesh	Introduction MATLAB Essentials", and " Introduction to cloud computing"	29-04-24 to 4-05-24.	IBM

FDPs attended by our Faculty Members

Name of the Faculty	Program	Dates of Organization	Organized by
Dr. Raju.K	Regional Meet by IIC MoE's Innovation Cell	06-01-24	KoneruLakshmiah Education Foundation, Vijayawada
Mr. D. SUNEEL	"Three Days Workshop on AWS Service Management"	08-01-24 to 24-01-24	Chalapathi Institute Of Technology In Association With CSI,
Mr. P. JAYA BABU	"Three Days Workshop on AWS Service Management"	08-01-24 to 24-01-24	Chalapathi Institute Of Technology In Association With CSI
Dr.A.V.Nageswara Rao	Enterprise Design Thinking Practitioner	22.01.2024 to 02.02.2024	IBM
Dr. V. Venkata Rao, Mr. P.S.S. Chakravarthy, Dr. A.V. Nageswara Rao, Dr. Y.JaipalRedd	one week workshop on "Embedded Systems"	29-01-24 to 03-02-24	Narasaraopeta Engineering College, in association with Falcon
Mr. G. Ramana Reddy	A Five Day Online FDP on "Advanced Trends in Mechanical Engineering"	26-02-24 to 01-03-24.	K.S.R.M College of Engineering, KADAPA
Mr. M. B. Narendra and Mr. G. Ramana Reddy, Dr. B. Siva Nageswara Rao, Dr. K. Srinivas Rao, Mr. Ch. AdiBabu y, Dr. K. Raju,	Principles of Machine Learning	25-04-24 to 30-04-24	Dept: of CSE and Allied Branches of Narasaraopeta Engineering College. / ITTraining and Educational Services, Chennai.
Dr. V. Venkata Rao, Mr. V. Naveen Raja, Mrs. P. Vinuthna, Mr. G. Ramana Reddy, Mr. M.B. Narendra, Mr. N. Srinivasa Rao, Mr. A. Ramesh	"Emerging Trends and Challenges in Renewable Energy Systems"	05-02-24 to 09-02-24	GATES Institute of Technology.
Dr. V. Venkata Rao, Dr. A.V. Nageswara Rao, Dr. Sk. Bajidvali, Mr. Sk. Md. Shareef, Mr. D. Suneel, Mr. P. Jaya Babu and Mrs. T. Indira,	One Week FDP on "NSQF Aligned Skill Development"	19-02-2024 to 23-02-24	Curriculum Development Centre Department at Narasaraopeta Engineering College.
Dr. RajuKolluri	"Seasonal School 2024 Smart Agriculture System Using IoT Technology"	22&23-03-24	IEEE Sensor Council Hyderabad Chapter
Dr. B. Sneetha	AI Implementation in Electric Vehicles	22-04-24 to 27-04-24.	SOET, SandipUniversity, Nashik, Maharashtra in Collaboration with PanTech E Learning
Dr. Y. Jaipal Reddy	Design of RF & Microwave Circuits and Applications".	03-05-24 and 04-05-24	VNRVJIET, Hyderabad in Association with MTT-Society of VNRVJIET
Dr. B. Siva Nageswara Rao,	RESERCH PAPER WRITING USING	10-05-24	R&D Cell, ACE Engineering College, Hyderabad
J. BrahmaiahNaik, Dr. Sk. EbraheemKhaleelulla			

Events Organized by Department

Name of the Program	Resource person with Affiliation Details	Dates	participants
Awareness programme on "Overseas Education"	Mr. Srinivas, From LEO Consultancy	10-01-2024	ECE Final year BTech Students
"JUBILATION-2K24- A National Level Student Tech Fest" in Association IETE, IEEE and ISTE. PPT, Quiz.	Department of ECE.	01-03-2024 & 02-03-2024	64(External) +58(Internal) = 122.

DEPARTMENT ACTIVITES

Honourable Chairman Sri M V Koteswara Rao Garu, Principal Dr. M. Sreenivasa Kumar Garu and Vice Principal Dr. D. Suneel Garu releasing the poster of International Conference NEC-ICASPC-2K24, Organized by Department of ECE on 22nd & 23rd March, 2024.

"National Youth Day" program was conducted on 11/01/2024 on the occasion of Great Philosopher Swami Vivekananda's birth anniversary.

Jawaharlal Nehru Technological University Kakinada Recognizes "Department of Electronics and Communication Engineering", Narasaraopeta Engineering College As "RESEARCH CENTRE" For the Academic Years 2023-24 & 2024-25

• An Expert Talk on "E- WASTE MANAGEMENT" by SPEGSY E- WASTE Management Company for IV- ECE students on 20-06-24, Organized by Department of ECE.

• STUDENT FOCUS

TRAINING PROGRAMS ORGANIZED

Awareness programme on "Higher Education in Abroad" by Mr. D. Kishore, Business Development Manager, From Aspire Grad, Hyderabad, on 05-01-2024.

Alumni interaction for II-B,Tech-ECE students by Bhumi Reddy Ramanjaneya Reddy (Reg No: 16471A0418) Associate software Engineer, Virtusa Consultancy Services Pvt Ltd, Location: Hyderabad, on 19-01-24, in Narasaraopeta Engineering College.

FrecTaa Dance Theraphy Session was conducted in NarasaraoPeta engineering College by RAFFIQ AND TEAM VF3 on 20-01-24.

One day visit on "Innovation & Entrepreneurship Outreach program in school" was conducted in ATAL Tinkering Lab(ATL), Zillaparishad high school, sankarabharathipuram, on 06-02-24, organized by IEEE NEC Student branch, Narasaraopet.

One day visit on "ELECTRONICS INDUSTRIAL VISIT " was conducted in Narasaraopeta Engineering college, on 10-02-24, organized by IEEE NEC Student branch, Narasaraopea.

Guest Lecture and Poster Presentation on "Delays in 5G & 6G Technology" organized by Department of ECE & IQAC in association with IETE, on 14-02-24, Resource person Dr. G. Lakshmikanth, R&D at Ericsson, Sweden.

Awareness programme on"Opportunities in Bosch for ECE students" by Mrs. V. Lakshmi Prathyusha, Product Security Manager, Bosch Global Software Technologies Pvt. Ltd, Hyderabad interacting with III B. Tech. ECE students, on 14-02-2024.

One Week Workshop on 5G Deployment and Appproach for 6G communications, organized by Dept. of ECE & IQAC in association with IEEE NEC student branch, from 12-02-24 to 17-02-24, resource person Mr. R. Venkata Ramana, RADIOT Solutions, Vijayawada.

A Peer Learning Program two days workshop on "TEACHING WITH TINKECAD" on 23-02-24 & 24-02-24, organized by Dept of ECE & IQAC in association with IEEE Student Branch.

FrecTaa Dance Theraphy Session was conducted in Narasaraopeta Engineering College by RAFFIQ AND TEAM VF3 on 24-02-24.

"JUBILATION-2K24 -A National Level Student Tech Fest", was Conducted on 01/03/2024 &02-03-24 in Association with IETE, IEEE and ISTE, Organized by Department of ECE.
Events: 1. Project Expo, 2. Technical PPT, 3. Circuitrix 4. Technical Quiz

Liberty Foundation in Association with NarasaraoPeta Engineering College conducted a program on "Empowering sustainability" on 29-02-24, Chief Guest Dr. Hari Eppana pally - Chairman - Liberty Foundation, Guest of Honour Sri L Siva Sankar – District Collector – Palnadu.

"CRT Training Program" was conducted to II/II- ECE Students from 11/03/2024 to 23/03/2024, organized by the company : ByteXL.

"CRT Training Program" was conducted to II/II- ECE Students from 11/03/2024 to 23/03/2024, organized by the company : ByteXL.

CRT Training Program" was conducted to III/II- ECE Students from 06/05/2024 to 18/05/2024, organized by the company : ByteXL.

"CRT Training Program" was conducted to III/II- ECE Students from 06/05/2024 to 18/05/2024, organized by the company :ByteXL.

• The following students are participated in the Event of Cricket and won the First Prizeorganized byEswar College of Engineering Narasaraopet held on 23rdfeb 2024
1. P.Bhargav 2. D.V.Saikumar 3. L.Lokesh
• Dhanush from ECE is participated in the Event of Badmintonand won the First Prize organized byEswar College of Engineering Narasaraopet held on 23rdfeb 2024.
• SkSadia from ECE is participated in the Event of Runningand won the First Prize organized by Eswar College of Engineering Narasaraopet held on 23rdfeb 2024.

Acadamic Toppers

ALUMINI VOICE

I am great to be a student of NEC. The environment in our college is amazing. I had opportunity to meet minds and fine tune my interpersonal and professional skills. My message to current students of NEC is to attend classes and training programs provided by college which is useful in building confidence and shaping career. I would like to take opportunity to say thanks to all members of NEC

SHAIKINAMULHUSSEN
Finvedic Solutions
19471A04A6

I B.Tech I Semester – ECE Toppers

II B.Tech I Semester – ECE Toppers

III B.Tech I Semester – ECE Toppers

IV B.Tech I Semester – ECE Toppers

STUDENT VOICE

NEC is a place where you can find amalgamation of learning, fun, culture, lore, literature and much such life preaching activities.The journey of my college is incredible. Our college has fabulous infrastructure, have an excellent teaching faculty and well knowledge technicians. I am thankful to NEC for providing a platform to enhance my skills and an opportunity to showcase them.

P CHANDRA SEKHARVAMSI
20471A0438
IV ECE

Vision

- To become a centre of excellence in nurturing the quality computer science & engineering professionals embedded with software knowledge, aptitude for research and ethical values to cater to the needs of industry and society.

Mission

The department of computer science and engineering is committed to

- M1: Mould the students to become software Professionals, researchers and entrepreneurs by providing advanced laboratories.

- M2: Impart high quality professional training to get expertize in modern software tools and technologies to cater to the real time requirements of the industry.

- M3: Inculcate team work and lifelong learning among students with a sense of societal and ethical responsibilities.

Modern Trends in Technology

Artificial Intelligence

Artificial Intelligence (AI) refers to the simulation of human intelligence processes by computer systems. These processes include learning (the acquisition of information and rules for using the information), reasoning (using rules to reach approximate or definite conclusions), and self-correction. AI encompasses a variety of techniques and approaches, including machine learning, natural language processing, computer vision, robotics, and expert systems, among others. The goal of AI is to create systems that can perform tasks that typically require human intelligence, such as understanding natural language, recognizing patterns, solving problems, and making decisions, albeit often faster and more accurately than humans.

Component	Description
Data Input	Collects and aggregates data from various sources such as sensors or databases.
Data Preprocessing	Cleans, filters, and transforms raw data into a suitable format for analysis.
Feature Extraction	Identifies and extracts relevant features from the preprocessed data.
Model Training	Uses machine learning algorithms to train models on labeled data.
Model Evaluation	Assess the performance and generalization capabilities of the trained model.
Inference	Utilizes the trained model to make predictions or decisions on new data.
Feedback Loop	Incorporates new data or user feedback to update and improve the model over time.
Decision Making	Processes the model's output to make decisions or take actions.
Integration	Facilitates communication between the AI system and external systems or devices.
Monitoring & Maintenance	Continuously monitors and maintains the AI system to ensure reliability.

This table provides a high-level overview of the key components involved in the architecture of artificial intelligence data.

Certainly! Here's a simplified flowchart representing the architecture of artificial intelligence data:
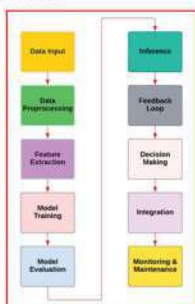
This flowchart provides a visual representation of the sequential flow of data and processes in the architecture of artificial intelligence.

Advantages of Artificial Intelligence

Artificial Intelligence (AI) offers numerous advantages across various fields and industries. Some of the key advantages include:

1. Automation: AI enables the automation of repetitive tasks, allowing humans to focus on more creative and strategic activities. This leads to increased efficiency and productivity.

2. Accuracy: AI systems can perform tasks with a high degree of accuracy and precision, reducing errors and improving outcomes in various domains such as healthcare, finance, and manufacturing.

3. Speed: AI algorithms can process vast amounts of data and perform complex calculations much faster than humans, enabling real-time decision-making and analysis.

4. Scalability: AI systems can scale to handle large volumes of data and tasks without significant increases in cost or effort, making them suitable for handling growing demands and workloads.

5. Personalization : AI enables personalized experiences and recommendations by analyzing individual preferences, behaviours, and historical data, enhancing customer satisfaction and engagement.

6. Decision Support : AI provides valuable insights and predictive analytics that help businesses and organizations make informed decisions and strategize more effectively.

7. Innovation : AI fosters innovation by enabling the development of new products, services, and solutions across various industries, driving technological advancements and economic growth.

8. 24/7 Availability : AI-powered systems can operate continuously without the need for breaks, leading to round-the-clock availability and support in areas such as customer service and monitoring.

9. Risk Reduction : AI can help mitigate risks by identifying patterns, anomalies, and potential threats in data, enabling proactive risk management and mitigation strategies.

10. Accessibility : AI technologies can improve accessibility for individuals with disabilities by providing assistive technologies and adaptive interfaces that cater to diverse needs and preferences.

Overall, the advantages of AI are substantial and contribute to improvements in efficiency, productivity, decision-making, innovation, and customer satisfaction across various domains

Disadvantages of Artificial Intelligence

Intelligence (AI) offers numerous benefits, there are also several disadvantages and challenges associated with its adoption and implementation. Some of the key disadvantages include:

1. High Initial Costs : Developing and implementing AI systems can be expensive, requiring significant investments in infrastructure, technology, and talent. This can pose challenges for smaller organizations or those with limited resources.

2. Complexity and Lack of Transparency : AI algorithms can be highly complex and difficult to interpret, leading to a lack of transparency in decision-making processes. This opacity can raiseconcerns about accountability, fairness, and potential biases in AI-powered systems.

3. Data Privacy and Security Risks : AI relies heavily on data, and the collection, storage, and analysis of large datasets can pose privacy and security risks. Issues such as data breaches, unauthorized access, and misuse of personal information are significant concerns in AI applications.

4. Job Displacement and Economic Disruption : Automation driven by AI technologies has the potential to displace jobs and disrupt entire industries, leading to unemployment, income inequality, and socioeconomic challenges. Workers may require retraining or reskilling to adapt to the changing labor market.

5. Ethical and Legal Implications : AI raises complex ethical and legal questions related to accountability, privacy, discrimination, and autonomy. Issues such as algorithmic bias, unintended consequences, and the ethical use of AI in decision-making contexts require careful consideration and regulation.

6. Overreliance on Technology : Dependence on AI systems can lead to overreliance on technology, reducing human autonomy, critical thinking, and decision-making capabilities. Trusting AI systems blindly without human oversight can lead to unintended consequences or errors.

7. Lack of Generalization and Robustness : AI models trained on specific datasets may struggle to generalize to new or unseen data, leading to performance degradation or inaccuracies in real-world applications. Ensuring the robustness and reliability of AI systems across diverse contexts remains a significant challenge.

8. Environmental Impact : The computational resources required to train and deploy AI models can have a substantial environmental impact, contributing to energy consumption, carbon emissions, and electronic waste generation. Green AI initiatives and energy-efficient algorithms are being developed to address these concerns.

9. Social and Cultural Disruption : AI technologies can exacerbate existing societal challenges, such as privacy concerns, job displacement, and cultural shifts. Addressing these issues requires interdisciplinary collaboration and inclusive decision-making processes.

10. Malicious Use and Cyber security Threats : AI-powered technologies can be exploited for malicious purposes, including misinformation, cyber-attacks, and surveillance. Ensuring the security and integrity of AI systems is essential to mitigate these risks and safeguard against potential threats.

Overall, while AI offers significant potential benefits, addressing the associated disadvantages and challenges requires careful consideration, responsible deployment, and ongoing research and regulation.

Features of Artificial Intelligence

Artificial Intelligence (AI) encompasses a wide range of features and capabilities that enable machines to mimic human-like intelligence and perform various tasks. Some key features of AI include:

1. Learning : AI systems can learn from data, experiences, and feedback to improve performance over time. This includes techniques such as machine learning, deep learning, and reinforcement learning.

2. Reasoning : AI can apply logic, rules, and algorithms to make decisions, solve problems, and draw conclusions based on available information.

3. Problem Solving : AI systems can analyze complex problems, break them down into smaller components, and develop strategies to find solutions or optimize outcomes.

4. Adaptability : AI exhibits adaptability by adjusting to changing environments, tasks, or requirements, and by learning from new experiences or information.

5. Perception : AI technologies can perceive and interpret sensory inputs such as images, speech, text, and sensor data, enabling capabilities like computer vision, natural language processing, and speech recognition.

6. Prediction : AI can analyze patterns, trends, and relationships in data to make predictions about future events, behaviours, or outcomes.

7. Automation : AI enables the automation of repetitive tasks, processes, and workflows, reducing manual effort and improving efficiency..

8. Creativity:Some AI systems exhibit creativity by generating novel ideas, solutions, or artworks, often through techniques like generative adversarial networks (GANs) and creative AI algorithms.

9. Interaction:AI systems can interact with humans and other machines through various interfaces such as voice commands, chatbots, virtual assistants, and human-robot interaction.

10. Autonomy:AI technologies can operate independently and make decisions without human intervention in certain contexts, such as autonomous vehicles, drones, and smart home devices.

11. Explain ability:Explainable AI (XAI) techniques aim to make AI systems more transparent and understandable, enabling users to interpret and trust the decisions made by AI algorithms.

12. Context Awareness:AI systems can understand and adapt to the context in which they operate, taking into account factors such as user preferences, location, time, and environmental conditions.

These features collectively enable AI to perform a wide range of tasks across various domains, from assisting in healthcare diagnosis and optimizing business operations to powering autonomous vehicles and enhancing entertainment experiences.

FACULTY FOCUS
Publications / Conferences / FDP:

- Dr.SireeshaMoturi has got certificate of participation for participated in 10 Hours National Faculty Development Program on Business Analytics organized by AISSMS College of Engineering, SJC Institute of Technology and Matrusri Engineering College in Collaboration with EXcelREdtechPvt. Ltd. held on 5th Feb to 9th Feb 2024.

- Dr.SireeshaMoturi from Narasaraopeta engineering college has successfully completed Microsoft, SAP & AICTE led Faculty Development Program on Applied Cloud Computing for Full Stack Web Development under TechSaksham from 5th February 2024 to 9th February 2024.

- Certificate of participation awarded to K.VenkataNarasimha Reddy, G.Saranya&M.Suneetha participated in 10 Hours National Faculty Development program on "Deep Learning and Artificial Intelligence" organized by APSSDC in collaboration with ExcelREdtech Pvt.Ltd, Date: 26-02-2024 to 01-03-2024.

- Certificate of participation awarded to Dr.S.V.N.Sreenivasu participated in National Level Faculty Development Program (FDP) & Pre – Incubation Program (PIP) virtual mode organized by Atal Incubation Centre ALEAP WEHUB from 19th to 21st February 2024.

- Certificate Of Participation Dr.M.Sireesha, Mr.V.Karuna Kumar, Mr. M.Venkata Rao &Ms.G.Saranya participated in 10 Hours National Faculty Development Program on "Data Analytics using Power BI and Tableau" organized by Faculty of IT and CS - Parul University - Gujarat, Atria Institute of Technology- Karnataka & Amity Pune – Maharashtra in Collaboration with ExcelREdtechPvt. Ltd. Date: 11th March to 15th March 2024.

- Certificate of Appreciation Dr.M. Sireesha has participated as Technical Program Committee Member of Reviewer in the 2nd International Conference on Power Engineering and Intelligent Systems (PEIS2024) at National Institute of Technology Uttarakhand on 16-17 March 2024.

- Dr.SireeshaMoturi, MarellaVenkata Rao, Karuna Kumar Valicharla, Saranya and RajaniCh has got Certificate Of Participation for participated in One Week Online National Faculty Development Program on "Data Visualization Using Tableau" conducted on 1st to 5th April, 2024 organized by Department of Computer Science and Engineering, Mohan Babu University, Tirupati, Andhra Pradesh & EXCELR EDTECH PVT. LTD.

- M. Sathyam Reddy has got Certificate of Presentation for presented the paper title Pneumonia Detection using Deep Learning in the International Conference on Artificial Intelligence and Its Emerging Areas-2K24 [NEC-ICAIEA-2K24], Organized by Department of Computer Science and Engineering,CSE(AI),IT,CSE(AIML),CSE(DS),CSE(CS) and MCA in Association with CSI on 12th and 13th April 2024 at NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS), Narasaraopet, A.P., India.

- YAMANI CHANDANA, Assistant Professor of CSE has got Certificate of Participation for successfully participated and completed A FIVE DAY FACULTY DEVELOPMENT PROGRAM ON PRINCIPLES OF MACHINE LEARNING from 25th TO 30th APRIL, 2024 organized by Departments of Computer Science and Engineering & Allied Branches Narasaraopeta Engineering College, Narasaraopet.

- PANCHUMARTRI GAYATRI, Assistant Professor of CSE has got Certificate of Participation for successfully participated and completed A FIVE DAY FACULTY DEVELOPMENT PROGRAM ON PRINCIPLES OF MACHINE LEARNING from 25th TO 30th APRIL, 2024 organized by Departments of Computer Science and Engineering & Allied Branches Narasaraopeta Engineering College, Narasaraopet.

- YARAGANI NEELIMA, Assistant Professor of CSE has got Certificate of Participation for successfully participated and completed A FIVE DAY FACULTY DEVELOPMENT PROGRAM ON PRINCIPLES OF MACHINE LEARNING from 25th TO 30th APRIL, 2024 organized by Departments of Computer Science and Engineering & Allied Branches Narasaraopeta Engineering College, Narasaraopet.

- TUPAKULA SAI SARANYA, Assistant Professor of CSE has got Certificate of Participation for successfully participated and completed A FIVE DAY FACULTY DEVELOPMENT PROGRAM ON PRINCIPLES OF MACHINE LEARNING from 25th TO 30th APRIL, 2024 organized by Departments of Computer Science and Engineering & Allied Branches Narasaraopeta Engineering College, Narasaraopet.

- Dr.SireeshaMoturi, MarellaVenkatara and G Saranya has got Certificate of Participation for Participated in 10 Hours National Faculty Development Program on GenAI and Prompt Engineering using Microsoft Copilot organized by P B Siddhartha College of Arts & Science, Department of CSE (DS) – Saraswati College of Engineering & CMR College of Engineering & Technology in Collaboration with EXcelREdtech Pvt.Ltd. held on 15th April to 19th April 2024.

- Yamani Chandana has got NPTEL-AICTE Faculty Development Programme Certificate from IIT Madras for successfully completing the course Data Mining during 8 weeks with a consolidated score of 77%.

- M Sathyam Reddy has got Certificate of Course Completion for completing the Cisco Networking Acadamy®Introduction to Cyber-security course on 5th Jan 2024.

- Dr.SireeshaMoturi has got certificate In recognition of the commitment to achieve professional excellence for successfully satisfied the requirements for Getting Started with Enterprise-grade AI from IBM on 03 JAN 2024.

- Dr.SireeshaMoturi has got certificate In recognition of the commitment to achieve professional excellence for successfully satisfied the requirements for Getting Started with Threat Intelligence and Hunting from IBM on 28 DEC 2024.

- Saranya has got certification of participation for successful completion of 30 hours Live Training Program on NLP, ChatGPT and Prompt Engineering Held from 18th Dec 2023 to 9th Jan 2024.

- Dr.SireeshaMoturi has got certification of participation for successful completion of 30 hours Live Training Program on NLP, ChatGPT and Prompt Engineering Held from 18th Dec 2023 to 9th Jan 2024.

- Dr.SireeshaMoturi from Narasaraopeta Engineering College, India has got Certificate of Excellence in Reviewing on 07-02-2024 from Asian Journal of Education and Social Studies for recognition of an outstanding contribution to the quality of the journal.

- Dr.SireeshaMoturi has got certificate In recognition of the commitment to achieve professional excellence for successfully satisfied the requirements for IBM Data Scienece Practitioner Certificate: Instuctor from IBM on 20 FEB 2024.

- Certificate proudly presented to Dr.Sireesha for Unleasing Innovation in Curriculum Design with Outcome-Based Education by InPods Ed-tech Organizer on Feb 29, 2024.

- Wipro Certified faculty program Certificate Awarded to M.Venkata Rao, V.KarunaKuma, &Ch.Rajani for participating in the training program on Java Full Stack conducted by TalentNext from 19-02-2024 to 08-03-2024. Conducted on 01st & 02nd March, 2024.

- IBM SkillsBuild Virtual Faculty Buildathon AI/ML with Cloud Dr. M.Sireesha Moturi has successfully completed to the training conducted from Nov 21, 2023 to Dec 02, 2023.

- Certificate of Appreciation BEST FACULTY COORDINATOR proudly presented to Dr S N Tirumala Rao and Dr.S.V.N.Sreenivasu for the International Student Workshop - INSW 2024 on "Data Science using Python" Organized by Brain O vision Solutions Pvt. Ltd in Association with AICTE. During the period of Feb 19th to 23rd, 2024.

Dr S V N SREENIVASU, professor acted as Judge in Technical Fest at JNTU College of Engineering, Narasaraopet on 04-04-2024.

Mr.K.V.Narasimha Reddy, Asst.Professor published a patent on "AI BASED PESTICIDE SPRAYING AND FRUIT HARVESTING MACHINE".

Yamani Chandana has got NPTEL Online Certification from IIT Kharagpur for successfully completing the course Data Mining during Jan-Mar 2024 (8 week course).

Dr. S V N SREENIVASU of NARASARAOPETA ENGINEERING COLLEGE has got Certificate of Participation for participated in the DST Sponsored Four Weeks Online TEDP on "Technology Based Entrepreneurship Development Programme" from 4th March- 28th March 2024 Organized by Academy of Maritime Education and Training Deemed to be University, Chennai.

Dr. S V N SREENIVASU of NARASARAOPETA ENGINEER-ING COLLEGE has got Certificate of Participation for participated in the DST Sponsored Four Weeks Online TEDP on "Technology Based Entrepreneurship Develop-ment Programme" from 4th March-28th March 2024 Organized by Academy of Maritime Education and Training Deemed to be University, Chennai.

Dodda Venkatareddy, NARA-SARAOPETA ENGINEERING COLLEGE has got Certificate of Participation for successfully par-ticipated in the "4th One-Week International Workshop on Techni-cal Writing using LaTeX (online)". The Workshop is organized by the School of Electronics Engineering (SENSE) and Technically Co-Sponsor

by VIT-AP IEEE SB and MTT SBC, at VIT-AP University, Amaravati, India during 30th Mar- 5th Apr, 2024.

Yamani Chandana has got edX verified Certificate on May 1, 2024 for successfully completed and received a passing grade in cppl.1: C++ Programming: Basic Skills a course of study offered by Codio, an online learning initiative of Codio.

Dr Rama Krishna Eluri has got edX verified Certificate on May 2, 2024 for successfully completed and received a passing grade in cppl.1:C++ Programming: Basic Skills a course of study offered by Codio, an online learning initia-tive of Codio.

Dr.SireeshaMoturi from Narasaraopeta Engineering College, India has got Certificate of Excellence in Reviewing on 07-02-2024 from Asian Journal of Education and Social Studies for recognition of an outstanding contribution to the quality of the journal.

KARUNA KUMAR VALICHARLA has got edX verified Certificate on April 26, 2024 for successfully completed and received a passing grade in cppl.1:C++ Programming: Basic Skills a course of study offered by Codio, an online learning initiative of Codio.

NukalaVijaya Kumar has got edX verified Certificate on May 2, 2024 for successfully completed and received a passing grade in cppl.1:C++ Programming: Basic Skills a course of study offered by Codio, an online learning initiative of Codio.

Shaik Rafi has got edX verified Certificate on April 24, 2024 for successfully completed and received a passing grade in cppl.1:C++ Programming: Basic Skills a course of study offered by Codio, an online learning initiative of Codio.

KandiVenkataNarasimhareddy has got edX verified Certificate on May 2, 2024 for successfully completed and received a passing grade in cppl.1:C++ Programming: Basic Skills a course of study offered by Codio, an online learning initiative of Codio.

GaddamSaranya has got edX verified Certificate on May 2, 2024 for successfully completed and received a passing grade in cppl.1:C++ Programming: Basic Skills a course of study offered by Codio, an online learning initiative of Codio.

M Sathyam Reddy has got edX verified Certificate on May 2, 2024 for successfully completed and received a passing grade in cppl.1: C++ Programming: Basic Skills a course of study offered by Codio, an online learning initiative of Codio.

M.Suneetha has got edX verified Certificate on April 26, 2024 for successfully completed and received a passing grade in cppl.1:C++ Programming: Basic Skills a course of study offered by Codio, an online learning initiative of Codio.

MarellaVenkatarao has got edX verified Certificate on May 1, 2024 for successfully completed and received a passing grade in cppl.1: C++ Programming: Basic Skills a course of study offered by Codio, an online learning initiative of Codio.

Dr K.LAKSHMINADH has got edX verified Certificate on April 26, 2024 for successfully completed and received a passing grade in DB0111EN: Introduction to SQL a course of study offered by IBM, an online learning initiative of IBM.

Dr.SivaNageswara Rao S has got edX verified Certificate on April 26, 2024 for successfully completed and received a passing grade in DB0111EN: Introduction to SQL a course of study offered by IBM, an online learning initiative of IBM.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Innovation is our tradition

- Dr.KUNDA SURESH BABU has got edX verified Certificate on May 2, 2024 for successfully completed and received a passing grade in ML0101EN: Machine Learning with Python: A Practical Introduction a course of study offered by IBM, an online learning initiative of IBM.

- M SATHYAM REDDY has got edX verified Certificate on May 1, 2024 for successfully completed and received a passing grade in ML0101EN: Machine Learning with Python: A Practical Introduction a course of study offered by IBM, an online learning initiative of IBM.

- NukalaVijaya Kumar has got edX verified Certificate on April 30, 2024 for successfully completed and received a passing grade in IT.1.3x: Introduction to Java Programming: Fundamental Data Structures and Algorithms a course of study offered by UC3Mx, an online learning initiative of Universidad Carlos III de Madrid.

- Rajani has got edX verified Certificate on May 2, 2024 for successfully completed and received a passing grade in IT.1.3x: Introduction to Java Programming: Fundamental Data Structures and Algorithms a course of study offered by UC3Mx, an online learning initiative of Universidad Carlos III de Madrid.

- M SATHYAM REDDY has got edX verified Certificate on May 2, 2024 for successfully completed and received a passing grade in CS0111EN: Hardware and Operating Systems a course of study offered by IBM, an online learning initiative of IBM.

- SireeshaMoturi has got edX verified Certificate on April 30, 2024 for successfully completed and received a passing grade in CSX0001: Computer Science 101 a course of study offered by StanfordOnline, an online learning initiative of Stanford University.

- V N SREENIVASU, NARASARAOPETA ENGINEERING COLLEGE has got Certificate of Coordinator from IETE (IINSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING) for successfully organized the course on 21 Days Masterclass on Amazon Web Service (MLOps) from 26.03.2024 to 15.04.2024.

- SK KHAJA MOHIDDIN BASHA has got edX verified Certificate on April 24, 2024 for successfully completed and received a passing grade in DB0111EN: Introduction to SQL a course of study offered by IBM, an online learning initiative of IBM.

- DR S V N SRINIVASU has got edX verified Certificate on May 7, 2024 for successfully completed and received a passing grade in CC0101EN: Introduction to Cloud Computing a course of study offered by IBM, an online learning initiative of IBM.

- T G RamnadhBabu has got edX verified Certificate on May 2, 2024 for successfully completed and received a passing grade in cppl.1:C++ Programming: Basic Skills a course of study offered by Codio, an online learning initiative of Codio.

- T G RamnadhBabu has got edX verified Certificate on May 1, 2024 for successfully completed and received a passing grade in Progra001: Java Programming Fundamentals a course of study offered by GalileoX, an online learning initiative of Universidad Galileo.

- M SATHYAM REDDY has got NPTEL Online Certification for successfully completing the course Introduction to Automata, Languages and Computation with a consolidated score of 71% from Jan-Apr 2024 (12 week course).

- Dr. KUNDA SURESH BABU has got edX verified Certificate on May 2, 2024 for successfully completed and received a passing grade in DS0720EN: Data Science and Machine Learning Capstone Project a course of study offered by IBM, an online learning initiative of IBM

- M.Mounika Naga Bhavani of Narasaraopeta Engineering College has got participation Certificate for attended Online One Week Short Term Training Programme on "Research Proposal Writing and AI Tools in Education and Research" sponsored by Indian Society for Technical Education (ISTE), New Delhi during 06/05/2024 to 11/05/2024 Organized by Department of Artificial Intelligence and Data Science at P. R. PotePatil College of Engineering & Management, Amaravati

- MEDURI MOUNIKA NAGA BHAVANI (Roll No: NPTEL24CS57S563401076) has got NPTEL-AICTE Faculty Development Programme Certificate from IIT Madras for successfully completing the 12 Weeks course (Jan-Apr 2024) The Joy of Computing using Python with consolidated score of 58% .

- Mr.NukalaVijaya Kumar from Narasaraopeta Engineering College has got Certificate of Participation for participated in five day online FDP on "Confluence of Deep Learning, Generative AI and Data Science" organized by Department of Applied Computational Science and Engineering [ACSE], GL Bajaj Institute of Technology and Management, in collaboration with Centre for Advanced Studies [CAS], Dr APJ Abdul Kalam Technical University, Lucknow, from 6th May-10th May 2024

- Tirumala Rao S.N, Professor, Narasaraopeta Engineering College, Narasaraopet, India and G.Saranya, Assistant Professor, Narasaraopeta Engineering College, Narasaraopet, India has got Certificates for presenting the research paper entitled "A Significant Regional Examination on CNN-based Network for Brain Tumor Detection and Identification" in the 2024 First International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE 2024) held at PES Institute of Technology and Management, Shivamogga, Karnataka, India during 16 – 17, May 2024. The conference is technically co-sponsored by IEEE Bangalore Section.

- M. Mounika, k.v.Narasimhareddy ,K.Rajani ,G.Saranya from Narasarao pet Engineering college has earned the below furnished awards, Applying AI Princeples with Google cloud, Introduction to Responsible AI, Introduction to large language models, Introduction to Generative AI.
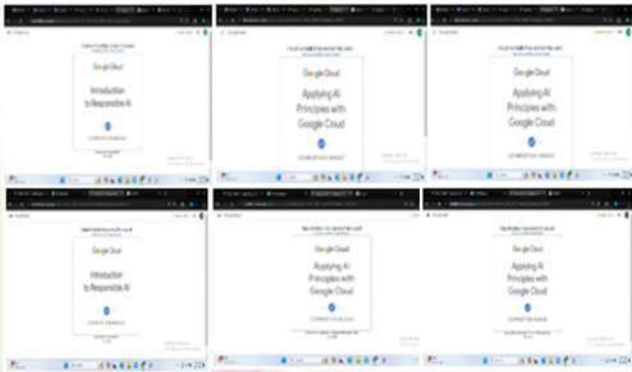
- Chandana Yamani ,Sk Rafi and Dr. Soma Sekhar has Google AI Certification

- Dr K.SureshBabu of Narasaraopeta engineering college has completed one week FDP on "OBE&NEP2020",during 10th to 14thjune 2024,jointly organized by internal quality assurance Cell-IQAC ,PBR VITS ,Kavali and VIT –AP University ,Amaravati.

- Dr.S V N SREENIVASU of Narasaraopeta engineering college has certificate received from ICCICCT, Certificate in machine learning based comprehensive of hybrid solar energy micro grid control mechanisms and assessment for sustainable rural electrification

Dr.S V N SREENIVASU of Narasarao pet engineering college has successful completion of one week faculty Development program(FDP) on "OBP&NEP 2020",during 10th to 14th june 2024,jointly organized by INTENAL QUALITY ASSURANCE cell-IQAC,PBR VITS,kavaliand VIT-AP UNIVERSITY,AMARAVATHI.

- Dr.S V N SREENIVASU of Narasarao pet engineering college certificate received from ICCICCT , Certificate in machine learning based comprehensive of hybrid solar energy micro grid control mechanisms and assessment for sustainable rural electrification

N. Vijaya Kumar Participated in 5 days International Faculty Development programme on DIGITAL MARKETINGorganized MIT Arts commerce college (Autonomous)-nizamabad ,telangana

- Dr. K. SureshBabu of Narasaraopet engineering college (Autonomous) has completed and get certificate in "OBP&NEP 2020"during 10th&14thjune 2024, jointly organised by IQAC AND VIT.

- Dr. Soma Sekhar K has got course completion certificates in Introduction to Data Science course completion certificate, computer vision

Introduction to Robotic process Automation, Introduction to deep learning, Introduction to Natural language processing, Introduction Artificial intelligence from Infosys Spring Board.

- M.Suneetha has got course completion certificates in Introduction to computer vision 101,Introduction to Robotic process Automation,Introduction to deep learning,Introduction to Natural language processing,Introduction Artificial intelligence from Infosys Spring Board.

- Shaik Rafi has got course completion certificates in computer vision 101, Introduction to Robotic process

- Automation,Introduction to deep learning,Introduction to Natural language processing,Introduction Artificial intelligence

DEPARTMENTAL ACTIVITIES:

Workshops/ Seminars / Industrial visits/ Webinars:

- MarellaVenkatrao gave A One Week Workshop on Innovative Design to Write Queries using SQL, Organized by IQAC & Department of Computer Science and Engineering in Association with CSI, ACM & IIC from 03rd to 09th January, 2024.

- Free Eye Check-Up Program Conducted in Narasaraopeta Engineering College under National Service Scheme NSS Unit Code: 90214702, In Co-ordination with Dr.M.V.Reddy Eye Hospital, Narasaraopet on 04th January, 2024.

- Python online assessment test conducted for III CSE students from 09-01-2024 to 10-01-2024.

- National Youth Day or RashtriyaYuvaDiwas is celebrated annually on January 12 tocommemorate the birth anniversary of Swami Vivekananda.

- AI Workshop with Mr.Trivikram conducted for III CSE students on 19-01-2023.

Introduction to Robotic process Automation, Introduction to deep learning, Introduction to Natural language processing, Introduction Artificial intelligence from Infosys Spring Board.

14th NATIONAL VOTER'S DAY conducted on 25-01-2024, Organized by IQAC & NSS.

75th Republic Day Celebrations on 26-01-2024.

- By Microsoft Teams, Online Technical Session on Cyber Security conducted under VODAFONE INTELLIGENCE SYSTEM (VOIS) for II CSE A& D sections on 25-01-2024 Time: 2:00 PM to 4:00 PM.

- A one week workshop on INNOVATIVE MOBILE APP DEVELOP-MENT for II CSE – D section students in Association with APSSDC held on 05th to 10th February, 2024.

- A one week workshop on AMAZON WEB SERVICES (AWS) for III CSE B & C section students in Association with APSSDC held on 05th to 10th February, 2024.

- JUBILATION-2K24 Poster A NATIONAL LEVEL STUDENT TECH FEST BYTE BLAST released by Our honourable Principal sir, HODs, Faculty Members and students on 10-02-2024 In Association with COMPUTER SOCIETY OF INDIA (CSI), INDIAN SOCIETY FOR TECHNICAL EDUCATION (ISTE) and ASSOCIATION FOR COMPUTING MACHINERY (ACM).

- A Three Day workshop on CULTURE OF INNOVATIVE WORKSHOP ON AWS for III CSE A & D section students from 14th to 16th February, 2024, Organized by IQAC & Department of Computer Science and Engineering In Association with CSI, ACM, ISTE & IIC.

- Alumni student ThammisettyGopi, Roll number - 19471A05I8, Role – Jr.React Native Developer, Company – Colourmoon Technologies Pvt.Ltd, Location – Hyderabad and Contact No - 7386870714 interacted with III/II CSE A& D Section students for profession guidelines.

- Alumni student G. Mallikharjuna Reddy, Roll number – 18471A05D5, Designation – Programmer Analysit, Company – Cognizant DLF, Location – Hyderabad and Contact No - 7032112820 interacted with II/II CSE B & C Section students for profession guidelines on 23-02-2024.

- A One Week workshop on Android APP Development using KOTLIN for III CSE B & C section students from 19th to 24th February, 2024, Organized by IQAC & Department of Computer Science and Engineering In Association with CSI, ACM, ISTE & IIC.

Institution's Innovation Council (IIC) conducted a National Level Ideathon-2024 on 27-02-2024 (Tuesday).

JUBILATiON-2K24 A NATIONAL LEVEL STUDENT SPORTS & TECH FEST conducted on 01st & 02nd March, 2024.

20 Batch IV CSE - Farewell Day Celebrated on 07-03-2024.

Appreciation certificate is presented to Narasaraopeta Engineering College, International Student Workshop - INSW 2024 on "Data Science using Python" Organized from Feb 19th to 23rd, 2024. Host College Appreciation Certificate by Brain O vision Solutions and AICTE.
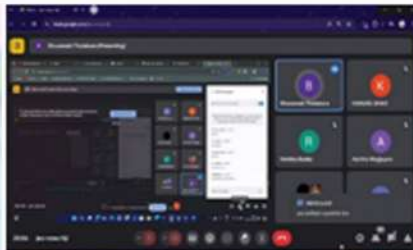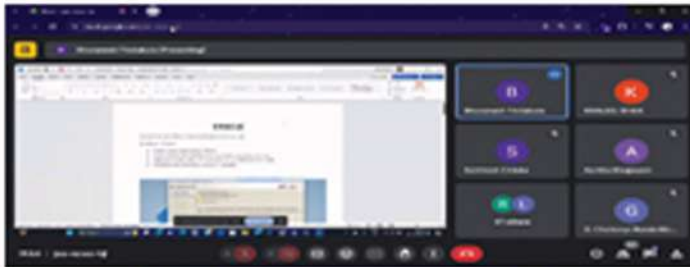

Special classes (ONLINE) to II CSE-B & C section students on "DATA BASE CONNECTIONS WITH ORACLE AND POSTMAN FOR ANGULAR" on 15-03-2024 and 16-03-2024 by T. Bhuvanesh - III CSE – C.

Showing the installation process using screenshots

Doubt clarification on installation

Doubt clarification session by Trainers on Android workshop on 21-03-2024.

Institution's Innovation Council (IIC) of Narasaraopeta Engineering College (Autonomous) is organizing online workshop on "INTELLECTUAL PROPERTY RIGHTS & PATENTS and DESIGN FILLINGS" in Association with Rajiv Gandhi National Institute of Intellectual Property Management (RGNIIPM), Government of India, Nagpur under National Intellectual Property Awareness Mission (NIPAM).
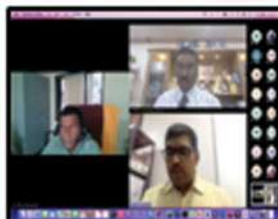
Fresher's day 2K24 Celebrated on 23-03-2024.

One of our Alumni Student name as SURYA TEJA ACHYUTA , 16471A0560 (2016) working as Software Developer Engineer in Amazon, Sanfrancisco, USA interacted with II CSE Students about career opportunities. E-mail: achyutasuryateja@gmail.comPh.No:+1-316-841-1797, +91-9790586636.

International Conference conducted on Artificial Intelligence and Its Emerging Areas-2K24 [NEC-ICAIEA-2K24], Organized by Department of Computer Science and Engineering, CSE(AI),IT,CSE(AIML),CSE(DS),CSE(CS) and MCA in Association with CSI on 12th and 13th April 2024 at NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS), Narasaraopet, A.P., India.

IBM Data Science practitioner course training program conducted at tech hub for III B.Tech CSE - B and C sections from 19-04-2024 to 20-04-2024.

- IBM Data Science practitioner course training program conducted at tech hub for III B.Tech CSE - A and D sections from 24-04-2024 to 25-04-2024.

- A Five Day Faculty Development Program on PRINCIPLES OF MACHINE LEARNING by Dr. Venkateswara Rao Tirumalasetty, Former Academic Adviser, APSSDC Organized by CSE & Allied Branches in Association with IQAC.

- Alumni student T Uday Kumar, Roll number – 17471A05A4, Role – Software Developer, Company – Cisco Systems, Location – Bangalore and Contact No - 9030833398 interacted with I/II CSE C & D Section students for profession guidelines.

- Alumni student ShaikMadarbi, Roll No – 14471A0510, Associate Analyst, Global Logic Hitachi Group Company, Hyderabad, Phone No – 9550396213 interacted with II CSE – D students for career guidelines on 13-04-2024.

- A One Week workshop on HACKATHON EXPRESS (Fast Track To Coding Excellence) conducted from 15th to 22nd June,2024

Training Programs and Drives:

UST GLOBAL drive test conducted for IV B.Tech CSE, IT, AI & II MCA students on 19th January 2024.

- 25 students from II CSE selected for Microsoft AI training conducted from 23-01-2024 to 31-01-2024.

- TCS specific training conducted for IV CSE students from 23-01-2024 to 31-01-2024.

- TCS specific training conducted for IV CSE students from 24-01-2024 to 07-02-2024.

- II B.Tech II Sem - ByteXL CRT classes started from 11-03-2024 to 28-03-2024.

- "DHATSOL" Placement Drive Written Test on 30-03-2024.

CRT classes conducted for III CSE students from 6th to 18th May, 2024.

- CRT classes conducted for IV CSE students from 13th June, 2024.

STUDENT CERTIFICATIONS/ PARTICIPATIONS IN WORKSHOPS / CONFERENCES/NSS PROGRAMS:

CO-CURRICULAR ACTIVITIES:

- IV CSE Students ChandaluriAnjaniThanmayee, Roll No:-20471A0510, Ambati Haritha, Roll No:-20471A0504, Thanugundla Vincent Reddy, Roll No:-20471A0563 has given a training to III CSE students on React JS on 02-01-2024.

- Harshitha Sri from I CSE participated in the event Essay Writing Competition and won the I prize conducted on the occasion of National Education Day on 10-11-2023.

- G.Sri Lakshmi Swathi and N.Bhavani from I CSE has participated in the event Postel Presentation Competition and won the I prize conducted on the occasion of National Mathematics Day on 22-12-2023.

- M.Harshavardhan, M.Sriharsha, Y. Amrutha, K.Sowmya and Sk. Sumiya from I CSE has participated in the event Postel Presentation Competition and won the Consolation prize conducted on the occasion of National Mathematics Day on 22-12-2023..
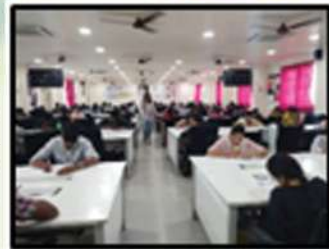
- Y.Amrutha and K.Sowmya from I CSE has participated in the event Poster Presentation Competition and won the II prize conducted on the occasion of National Energy Conservation Day on 14-12-2023.

- Sd.AhmadRasool and Ravi Teja from I CSE has participated in the event Poster Presentation Competition and won the Consolation prize conducted on the occasion of National Energy Conservation Day on 14-12-2023.

- K.Supriya and P.Nikhitha from III CSE has participated in the event Poster Presentation Competition and won the Consolation prize conducted on the occasion of National Energy Conservation Day on 14-12-2023.

- S.Bhavani and Ch.Harini from III CSE has participated in the event 3D Art Competition and won the III prize conducted on event of SankranthiSambaralu on 08-01-2024.

- T.Bhuvanesh and G.Chaitanya from III CSE has participated in the event 3D Art Competition and won the Consolation prize conducted on event of SankranthiSambaralu on 08-01-2024.

- Ch.Mohit from I CSE, J.LakshmiNarayana, K.Mahesh and Sk. Rizwana from III CSE has participated in the event Traditional Dress Competition and won the Consolation prize conducted on the occasion of SankranthiSambaralu on 08-01-2024.

- Y.Sowmya from III CSE and S.S. V.Karthik from I CSE has participated in the event Traditional Dress Competition and won the I prize conducted on the occasion of SankranthiSambaralu on 08-01-2024.

- G.Kavya from II CSE and Sk. ZaheedHussain from III CSE has participated in the event Traditional Dress Competition and won the II prize conducted on the occasion of SankranthiSambaralu on 08-01-2024.

- Sk.Kharimunisha from I CSE has participated in the event Traditional Dress Competition and won the III prize conducted on the occasion of SankranthiSambaralu on 08-01-2024.

- M.Thirumala Devi from III CSE has participated in the event Painting Competition and won the III prize conducted on the occasion of SankranthiSambaralu on 08-01-2024.

- K.JahnaviSaiPriya from III CSE and K.Srinija from IV CSE has participated in the event Painting Competition and won the Consolation prize conducted on the occasion of SankranthiSambaralu on 08-01-2024.

- G.Pavani and P.Priyanka from III CSE has participated in the event Rangoli Competition and won the II prize conducted on the occasion of SankranthiSambaralu on 08-01-2024.

- Ch.Triveni from II CSE, D. Nalini and P. Prasanna Lakshmi from I CSE has participated in the event Rangoli Competition and won the Consolation prize conducted on the occasion of SankranthiSambaralu on 08-01-2024.

- S. Akshaya Kumar, Roll No:-20471A05M7 of IV CSE student selected from palnadu district has got Certificate of Participation for participated in Declamation competition, conducted in State Level Youth Festival held from 7th to 9th Jan, 2024 at K L University, Vaddeswaram, organized by the Department of Youth Services.

- S.AkshayaKKumar has got GRADE A certificate for completed Introduction to Sport Climbing Level – 1 Course at the National Youth Festival held at Nashik on 13 January 2024.

- SanapathiAkshaya Kumar represented Andhra Pradesh has got Certificate of Participation in Nehru Yuva Kendra Sangathan (NYKS) in General Contingnment at 27th National Youth Festival 2024 held in Nashik, Maharashtra on 12th January to 16th January 2024.

- L V Pavan Kumar (Roll No:- 21471A05D7), B AnjiBabu (Roll No:- 21471A0574), B Suhas (Roll No:- 21471A0578) and N Srikanth (Roll No:- 21471A05A8) from III CSE students has got Certificate of Appreciation from Palnadu Blood Bank for their benevolent questure in donated blood on 02 February 2024 which helps to a precious human life

- Syed Rizwana and ShaikHafija of the Department of CSE from Narasaraopeta Engineering College has got certificate of appreciation for participated in CIS'SOIREE 2K24 organized by CISA of RVR & JC College of Engineering, Autonomous, a National Level Technical Fest held on February 16, 2024. They participated in the event "INVINCIBLE OF SOIREE" and secured First prize.

- ThotakuraBhuvanesh of registered number 21471A05K4, MunagalaKavyanjali of registered number 21471A05A5, TejaCharan of registered number 21471A0585 and PasupuletiMuraliPriya of registered number 21471A05B1 has attended CIS'soiree organized by CISA of RVR & JC College of Engineering on 16th February 2024.

- A. Lakshmi Niharika, K. JahnaviSaiPriya and V. Teja Sri of the Department of CSE from Narasaraopeta Engineering College has got certificate of participation for qualified in prelims round of CIS'SOIREE 2K24 organized by CISA of RVR & JC College of Engineering, Autonomous, a National Level Technical fest held on February 16, 2024.

- PonnagantiSai Ganesh bearing roll no 21471A05I7 and ThotakuraBhuvanesh bearing roll no 21471A05K4 of Branch & Year III B.Tech-CSE has participated and won First prize in the event Tech Trio Challenge organized by NEC ACM Student Chapter held on 14-02-2024.

- DullaTejaCharan bearing roll no 21471A0585 of Branch & Year III B.Tech-CSE has participated and won Second prize in the event Tech Trio Challenge organized by NEC ACM Student Chapter held on 14-02-2024.

- GurazalaChaitanya bearing roll no 21471A05F6 and TadalaManideep bearing roll no 21471A05K1 of Branch & Year III B.Tech-CSE has participated and won Third prize in the event Tech Trio Challenge organized by NEC ACM Student Chapter held on 14-02-2024.

- Two Cadets got NCC 'C' Certificates from CSE Dept. These Students are eligible for SSB (Service Selection Board) Special Entry Scheme 5 Steps Interview without Written Test (Prelims and Mains). They have Received Eligible Documents from Chirala Army Unit.

    CMS – K Harshavardhan (III CSE – C) 21471A05G1

    SGT – T Akhil (III CSE – C) 21471A05K3

- AMMISETTY CHAMUNDESWARI, Roll No – 22471A05L1, D. SATISH BABU, Roll No – 22471A05M0, GUJJARLAPUDI

- KEETTHANALAZATUS, Roll No – 22471A05M5, J. SURYA TEJA, Roll No – 22471A05M6, SHAIK FAHEEM AHMED, Roll No – 22471A05N9, T. RAJESH, Roll No – 22471A05O5, B. HEMANTH KUMAR, Roll No – 23475A0524 has got Certificate of Participation for participating in the Webwiz event at CYSENTIA 2K24, a National Level Technical Symposium organized by Department of CSE, JNTUK UCEN, held on 4th APRIL 2024.

- GUGGILA KAVYA, Roll No – 22471A05M4, Y. KRUPA CHAITANYA, Roll No – 22471A05O7 has got Certificate of Participation for participating in the Generative A.I workshop at CYSENTIA 2K24, a National Level Technical Symposium organized by Department of CSE, JNTUK UCEN, held on 4th APRIL 2024.

- YagantiMounika Prasanna Lakshmi Roll No - 19471A0560 has got Certificate from Google Cloud for successfully completed all the requirements to be recognized as a Google Cloud Certified Associate Cloud Engineer.

- AMMISETTY CHAMUNDESWARI, Roll No – 22471A05L1, D. SATISH BABU, Roll No – 22471A05M0, GUJJARLAPUDI KEETTHANALAZATUS, Roll No – 22471A05M5, J. SURYA TEJA, Roll No – 22471A05M6, SHAIK FAHEEM AHMED, Roll No – 22471A05N9, T. RAJESH, Roll No – 22471A05O5, B. HEMANTH KUMAR, Roll No – 23475A0524 has got Certificate of Participation for participating in the Webwiz event at CYSENTIA 2K24, a National Level Technical Symposium organized by Department of CSE, JNTUK UCEN, held on 4th APRIL 2024

DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING

Innovation is our tradition

● GUGGILA KAVYA, Roll No – 22471A05M4, Y. KRUPA CHAITANYA, Roll No – 22471A05O7 has got Certificate of Participation for participating in the Generative A.I workshop at CYSENTIA 2K24, a National Level Technical Symposium organized by Department of CSE, JNTUK UCEN, held on 4th APRIL 2024

Alumni Voice:

Being an alumnus of the college, Narasaraopeta Engineering College, I consider myself fortunate to reflect on all that happened during my time, especially the transformative education I acquired and the invaluable experience that I gained. Evolving constantly, the institution remains ahead in academic excellence as well as innovation.The faculty here is not only knowledgeable but also genuinely committed to the growth of the students and encourages an environment to foster success. Modern campus infrastructure upgrade features state-of-the-art labs, digital libraries, and advanced research areas that encourage innovation and exploration.The hallmark of the college is that it bridges academia and industry. With programs such as collaborative projects, hands-on workshops, internships, and industry-driven programs, I gained both a good theoretical foundation and practical skills to solve real-world challenges.

T. UDAY KUMAR
(17471A05A4)
NETWORKS SOFTWARE ENGINEER
CISCO

Student Voice:

Narasaraopeta Engineering College stands proud as a beacon of academic brilliance, innovation, and forward-thinking in engineering education. As an organization dedicated to shaping the aspirations of aspiring engineers, the college offers a diverse spread of undergraduate and postgraduate degrees in various branches of engineering, catering to a diverse spectrum of student interests and career goals. The college's commitment to holistic development is reflected in its modern infrastructure, which is equipped with state-of-the-art laboratories, advanced e-classrooms, and a conducive learning environment that fosters creativity, critical thinking, and problem-solving skills.I take immense pride in being a part of this prestigious institution, where the emphasis on both theoretical knowledge and practical application allows students to grow not only as engineers but as well-rounded professionals.

Srilatha Amireddy
(21471A0503)

Vision

To emerge as a Centre of excellence in technical education with a blend of effective student centric teaching learning practices as well as research for the transformation of lives and community

Mission

Provide the best class infrastructure to explore the field of engineering and research.

Build a passionate and a determined team of faculty with student centric teaching, imbibing experiential and innovative skills.

Imbibe lifelong learning skills, entrepreneurial skills and ethical values in students for addressing societal problems.

NEW TRENDS IN TECHNOLOGY:

Generative-AI :

Generative AI, a cutting-edge technology, has revolutionized various industries by enabling machines to create content that resembles human-generated work. It encompasses a wide range of applications, from text generation to image synthesis and even music composition. After mastering generative AI, individuals can pursue exciting job roles in fields such as artificial intelligence research, data science, and creative industries. The ever-expanding applications of generative AI promise a bright future for those who master this technology, offering opportunities to shape how we interact and create content in the digital age. Some of the top job roles include:

a. AI Researcher, where you can delve deep into the development of advanced generative models.
b. Data Scientist, using generative AI to extract valuable insights from data.
c. Content Creator, harnessing generative AI for innovative storytelling.
d. AI Ethics Consultant, addressing the ethical implications of AI-generated content

FACULTY FOCUS:

Publications/ Conferences/FDP:

1. Dr.B.JhansiVazram was participated in 30 hours Live Training Program on NLP, ChatGPT and Prompt Engineering held from 18th Dec 2023-9th Jan 2024.

2. Dr.B.JhansiVazram was participated in 20 hours Live Training Program

3. Sk.MohammedJany was participated in the AICTE Recognized Faculty Development Program on NSQF Aligned skill Development conducted by Curriculum Development Centre Department from 19th Feb 2024-23rd Feb 2024 at Narasaraopeta Engineering College.

4. Dr.B.JhansiVazaram was published an International Journal of Paper Title is Red Wine Quality Prediction Using Machine Learning on March-2024.

5. K.JayaPraksh was published an International Journal of Paper Title is Skin Detection using Deep Learning on March-2024. on Git and GitHub held from 24th Jan 2024 to 7th Feb 2024.

6. Mohammed Jany was participated in A Five Day Faculty Development Program on Principles of Machine Learning , held from 25th to 30th April 2024,organized by Department ofCSE,IT,CSE(AI),CSE(AI&ML) in association with IQAC.

7. K.Sirisha was participated in A Five Day Faculty Development Program on Principles of Machine Learning , held from 25th to 30th April 2024,organized by Department ofCSE,IT,CSE(AI),CSE(AI&ML) in association with IQAC.

8. U. Vijay Kumar was participated in A Five Day Faculty Development Program on Principles of Machine Learning , held from 25th to 30th April 2024,organized by Department ofCSE,IT,CSE(AI),CSE(AI&ML) in association with IQAC.

9. NPTEL Online Certification is Awarded to P.Vijaya Lakshmi for successfully Completing the Course on Introduction to Internet of Things, held during Jan-April 2024.

10. NPTEL Online Certification is Awarded to K.Sireesha for successfully Completing the Course on Cloud Computing, held during Jan-April 2024.

11. NPTEL Online Certification is Awarded to P.Santhi for successfully Completing the Course on Introduction to Internet of Things, held during Jan-April 2024

12. Sk.MohammedJany was participated of One Week Faculty Development Program (FDP) on "OBE & NEP 2020" during 10th to 14th June 2024, jointly organized by Internal Quality Assurance Cell-IQAC PBR VITS, Kavali and VIT-AP University, Amaravathi.

13. Mule Ramakrishna Reddy was participated of One Week Faculty Development Program (FDP) on "OBE & NEP 2020" during 10th to 14th June 2024, jointly organized by Internal Quality Assurance Cell-IQAC PBR VITS, Kavali and VIT-AP University, Amaravathi.

14. U.Vijay Kumar was participated of One Week Faculty Development Program (FDP) on "OBE & NEP 2020" during 10th to 14th June 2024, jointly organized by Internal Quality Assurance Cell-IQAC PBR VITS, Kavali and VIT-AP University, Amaravathi.

15. P.Neelima was participated of One Week Faculty Development Program (FDP) on "OBE & NEP 2020" during 10th to 14th June 2024, jointly organized by Internal Quality Assurance Cell-IQAC PBR VITS, Kavali and VIT-AP University, Amaravathi.

16. P.DeepthiSowmya was participated of One Week Faculty Development Program (FDP) on "OBE & NEP 2020" during 10th to 14th June 2024, jointly organized by Internal Quality Assurance Cell-IQAC PBR VITS, Kavali and VIT-AP University, Amaravathi.

17. P.Santhi was participated of One Week Faculty Development Program (FDP) on "OBE & NEP 2020" during 10th to 14th June 2024, jointly organized by Internal Quality Assurance Cell-IQAC PBR VITS, Kavali and VIT-AP University, Amaravathi.

18. Mohammed JanyShaik was participated in a One Week Faculty Development Program on "Design Thinking and Innovation", organized by IQAC & Department of Mechanical Engineering ,Narasaraopeta Engineering College in Association with VIT-AP University-Amaravati from 18-06-2024 to 22-06-2024.

19. Jaya Prakash K was participated in a One Week Faculty Development Program on "Design Thinking and Innovation", organized by IQAC & Department of Mechanical Engineering ,Narasaraopeta Engineering College in Association with VIT-AP University-Amaravati from 18-06-2024 to 22-06-2024.

20. Mule Ramakrishna Reddy was participated in a One Week Faculty Development Program on "Design Thinking and Innovation", organized by IQAC & Department of Mechanical Engineering ,Narasaraopeta Engineering College in Association with VIT-AP University-Amaravati from 18-06-2024 to 22-06-2024.

21. JayaPrakash K got Certificate of Achievement for Successfully Completing Artificial Intelligence Primer Certification on June 28, 2024.

22. JayaPrakash got Course Completion Certificate for Successfully Completing the course Introduction to Natural Language Processing On June 25,2024.

23. JayaPrakash K got Certificate of Achievement for Successfully Completing Artificial Intelligence Foundation Certification on June 26, 2024.

DEPARTMENTAL ACTIVITIES :

Workshops/ Seminars / Industrial visits/ Webinars:

Department of IT &CSE(AI) Jubilation-2K24 Poster was released by Honourable Principal Dr. M. Sreenivasa Kumar sir along with Department Faculty co-ordinators and student co-ordinators.

Principal sir (Dr.M.Sreenivasa Kumar) and HOD (Dr.B.JhansiV-azram) are unveiled the NEC-ACM A Five Day Faculty Development Program on Principles of Machine Learning , held from 25th to 30th April 2024,organized by Department of CSE,IT,CSE (AI), CSE(AI&ML) in association with IQAC.

STUDENT FOCUS:

Talk on Study Abroad & Career Guidance Awareness Program for IV B.TECH II SEM of IT & CSE (AI) on 05-01-2024.

Department was conducted an A Two Weeks workshop and Hackathon on ANDROID APP DEVELOPMENT for II B.TECH II SEM of IT & CSE (AI) from 24th Jan to 08th Feb 2024.

Department was conducted an A Two Weeks workshop and Hackathon on ANDROID APP DEVELOPMENT for II B.TECH II SEM of IT & CSE (AI) from 24th Jan to 08th Feb 2024.

Department was conducted an inaugural ceremony of NEC ACM STUDENT CHAPTER on 09-02-2024.

Department was conducted an 5 days work shop on AWS Cloud Computing for III B.TECH II SEM of IT from 13th Feb to 17th Feb 2024.

Department was conducted a One Day TECH TRIO CHALLENGE for II B.TECH & III B.TECH II SEM of IT & CSE(AI) on 14th Feb 2024.

II B.TECH II SEM OF AI students were participated in Cancer Awareness Program on 22-02-2024.

Department was celerated a JUBILATION - 2K24, A NATIONAL LEVEL STUDENT TECH - FEST, BYTE BLAST of Pixel Perfect Event on 02-03-2024.

Department was celebrated a JUBILATION-2K24, A NATIONAL LEVEL STUDENT TECH-FEST, BYTE BLAST of Technical Slide View Event on 02-03-2024.

Department was celebrated a JUBILATION-2K24, A NATIONAL LEVEL STUDENT TECH-FEST, BYTE BLAST of Code Conflux Event on 02-03-2024.

Department was celebrated a JUBILATION-2K24, A NATIONAL LEVEL STUDENT TECH-FEST, BYTE BLAST of Hitech Chase Event on 02-03-2024.

Department was celebrated a JUBILATION-2K24, A NATIONAL LEVEL STUDENT TECH-FEST, BYTE BLAST of Project Expo Event on 02-03-2024.

Department was conducted an IBM Data Science Training for III B.TECH II SEM OF IT & CSE (AI) ,from 22-04-2024 to 23-04-2024.

Hackathon Express Fast Track To Coding Excellence was conducted for I B.TECH II SEM of IT & CSE (AI) from 15-06-2024 to 22-06-2024.

Training Programs and Drives:

Dept.	Year	Training	Duration
CSE(AI)	3rd	Aws Cloud computing	02nd -06th Jan 2024.
IT & CSE(AI)	2nd	CRT	11th-28th Mar 2024.
IT	4th	Data Science Training	6th-18th April 2024
CSE(AI)	4th	Mem Stack Development	6th-18th April 2024
IT & CSE(AI)	4th	CRT	6th-18th April 2024
IT & CSE(AI	4th	Wipro	13th -22nd June 2024
IT & CSE(AI	4th	Full Stack Demo	29-06-2024

STUDENT CERTIFICATIONS/ PARTICIPATIONS IN WORKSHOPS / CONFERENCES/NSS PROGRAMS:

CO-CURRICULAR ACTIVITIES:

1. III B.TECH II SEM OF IT (Dasari Venkata Harish) Student got Best Performance award in All India NCC Technical Contest at Kulamvu,Kerala on 05-01-2024.

2. II B.TECH II SEM OF IT & CSE (AI) students were Participated in CYSENTIA-2K24 FEST, was organized by JNTU Narasaraopeta on 04-04-2024.

3. IV B.TECH II SEM OF IT & CSE (AI) Students were participated in International Conference on Artificial Intelligence and its Emerging Areas, organized by Department of CSE, NarsaraopetaEngg College, held during 12th April-13th April 2024.

4. Memento and Merit certificates were distributed to the winners of a Workshop and Hackathon on Android App Development conducted for II B.TECH II SEM of IT & CSE (AI), organized by Department of IT & CSE (AI) in association with KPCODE4U, Bangalore, during 24th Jan to 08th Feb 2024.

5. 3rd year AI Students (G..Chaitanya, G. TejeswarReddy,N. Bhaskar Reddy) won 1st Prize in Eswar College of Engineering Tech Fest 2k24 in the event of Project Expo on 23-02-2024.

ALUMNI VOICE:

1. Hello fellow alumni, reflecting on my time at Narasaraopeta Engineering College brings back fond memories. The rigorous academic curriculum combined with practical learning experiences prepared me well for my career. The strong emphasis on research and innovation instilled in me a passion for continuous learning. The bonds formed with classmates and faculty have lasted beyond graduation, creating a valuable network of professionals. Narasaraopeta Engineering College holds a special place in my heart, shaping me into the professional I am today."

S.Asritha
(20471A4354)-CSE(AI)
Company: Accenture
Role: Associate Software Engineer
Location: Hyderabad

2. "Hey there, fellow alumni! Looking back on my journey at Narasaraopeta Engineering College fills me with gratitude and nostalgia. The rigorous coursework, coupled with hands-on projects, challenged me to think critically and creatively. The diverse student body and supportive faculty fostered a collaborative learning environment, where we could exchange ideas and grow together. Beyond academics, the college offered numerous opportunities for personal and professional development, from internships to industry interactions. As an alum, I'm proud to carry the values and skills instilled in me by Narasaraopeta Engineering College into my career and life."

P. MohammadAzam
Company: Godigit
Role: Software engineer trainee
Location: Hyderabad

STUDENT VOICE :

Ch.Sinduja
(21471A1211)
IV B.TECH I SEM –IT.

1. "Hi everyone, just wanted to share my experience at Narasaraopeta Engineering College. The campus is equipped with state-of-the-art facilities, including well-equipped labs and a vast library, which has been instrumental in my learning journey. The college also encourages participation in various technical and cultural events, providing ample opportunities for holistic development. Moreover, the faculty members are not only experts in their fields but also approachable and supportive. Overall, my time here has been enriching, and I'm grateful to be a part of this institution."

2. Hey everyone, I just wanted to share my thoughts about Narasaraopeta Engineering College. I've been attending classes here for the past year, and I have to say, it's been an amazing experience. The faculty are incredibly knowledgeable and supportive, always willing to go the extra mile to help us succeed. The campus itself is beautiful, with modern facilities and a vibrant atmosphere. There are also plenty of opportunities for extracurricular activities and personal development. Overall, I'm really glad I chose Narasaraopeta Engineering College for my education, and I highly recommend it to anyone considering studying here."

A.Praneetha
((21471A4304)
IV B.TECH I SEM –CSE(AI).

Vision

❖ To empower students to become AI and ML professionals, driving industry innovation and positively impacting society through cutting-edge technologies.

Mission

❖ To establish a solid foundation in Artificial Intelligence and Machine Learning and effectively address real-world challenges.

❖ To develop resilient professionals by encouraging them to create applications for industry innovation.

❖ To cultivate a research-oriented mindset in students, encouraging them to create applications that have practical value and make a positive impact on society.

STUDENT STRENGTH PARTICULARS

2022 Batch (Regular) - 55

2023 Batch (Lateral Entry) - 7

FACULTY FOCUS
INTERNATIONAL JOURNALS:

❖ Dr.V.V.A.S.Lakshmi, Dr.R.Satya, D.Murali Krishna Reddy, "An energy efficient master auditor node with trust based secure routing in wireless sensor networks", International Journal of Safety and Security Engineering. Vol. 13, No. 6, December, 2023, pp. 1099-1108. Journal homepage: http://iieta.org/journals/ijsse.

FDPS ATTENDED :

❖ Dr.VVAS Lakshmi, P. Srinivasarao, D. Sreekanth, N. Siva Rama Krishna & P. Mallika are participated in one week the AICTE Recognized FDP on SAR, OBE and NBA Conducted by NITTTR Media Engineering Department on 04th Dec to 8th Dec 2023 (One Week).

❖ P. Srinivasarao& G. Nageswararao has participated in 10hours NFDP on Business Analytics organized by AISSMS College of engineering on 5th to 9th Feb 2024.

❖ P. Srinivasarao, G. Nageswararao, N. Siva Rama Krishna & P. Mallika has Participated in 10hours NFDP on Deep Learning and Artificial Intelligence organized by APSSDC in Collaboration with Excel-REdtechPvt.Ltd on 26th Feb to 1st March 2024.

❖ P.Srinivasarao, P.Mallika, G.Nageswara Rao has been participated in the (NITTTR) AICTE Recognized FDP on NSQL Aligned Skill Development.

❖ P. Srinivasa Rao, G. Nageswara Rao, G. Mahesh Babu& P. Mallika are participated in 10 hours NFDP on Data Analytics Using Power BI and Tableau organized by Faculty of IT and CS-Parul University, Gujarat.

❖ G. Mahesh Babu has successfully participated and completed A Five Day FDP on Principles of Machine Learning from 25th to 30th April 2024.

❖ P. Srinivasarao, N. Siva Rama Krishna, G. Nageswara Rao, D. Sreekanth, P. Mallika& Ch. Sravan Kumar has participated in 10 hours NFDP on "GenAI and Prompt Engineering using Microsoft Copilot" organized by P B Siddhartha college of Arts & Science. Date: 15th to 19th April 2024.

FACULTY ACHIEVEMENT:

P. Srinivasarao for successful completion of 30 hours live training program on NLP, ChatGTP and Prompt Engineering held form 18-12-2023 to 09-01-2024.

P. Mallika has participated in Expert talk on "Financial Time Series Volatility Forecasting" organized by CSE, CBIT-HYD on 27th Jan 2024.

G. Mahesh Babu - Wipro Certified Faculty in .NET Full Stack.&N. Siva Rama Krishna – Wipro Participated in Java Full Stack.

Dr.VVAS Lakshmi, P. Srinivasarao, G. Mahesh Babu, G. Nageswararao, N. Siva Rama Krishna & P. Mallika has participated in one week online NFDP on "Data Visualization Using Tableau" conducted on 1st to 5th April, 2024 organized by Department of CSE MBU Tirupathi& EXCELR EDTECH PVT. LTD.

❖ N. Siva Rama Krishna, P. Srinivasarao, G. Nageswara Rao, A. Papa Rao & Ch. Padma has successfully completed and received a passing grade in Machine Learning with Python: A Practical Introduction. A course of study offered by IBM, an online learning initiative of IBM.

❖ Dr. VVAS Lakshmi, P. Srinivasarao has successfully completed and received a passing grade in Data Analytics Basics for Everyone. A course of study offered by IBM, an online learning initiative of IBM.

❖ A. Papa Rao, Ch. Padma, D. Srikanth has successfully completed and received a passing grade in Introduction to Cloud Computing. A course of study offered by IBM, an online learning initiative of IBM.

❖ G. Mahesh Babu has successfully completed and received a passing grade in DevOps Basics for Everyone. A course of study offered by IBM, an online learning initiative of IBM.

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TO ILLUMINATE THE WORLD.

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N. Siva Rama Krishna, P. Mallika & Ch. Padma has been participated in 5 days International Faculty Development Program on Digital Marketing Organized by MIT Arts, Commerce & Science College.

Dr. V.V.A.S.Lakshmi, D. Sreekanth, P. Mallika & A. Paparao has attended Online 1 week training program on "Research Proposal Writing and AI Tools in Education and Research" sponsored by ISTE, New Delhi during 06/05/2024 to 11/05/2024 organized by dept of AI & DS at P.R.PotePatil College, Amaravathi.

Dr. V.V.A.S. Lakshmi, N. Siva Rama Krishna, P. Mallika, G.V. Neelimadhavi, M. Kishore Babu Ch. Padma, K. Mounika for the successful completion of one week FDP on "OBE & NEP 2020" during 10th to 14th June 2024, jointly organized by VIT- AP University, Amaravathi.

Dr. V.V.A.S.Lakshmi for successfully completing MongoDB Atlas Administrator Path on 08/05/2024.

P. Srinivasarao for successfully completing the course Programming in Java (Jan-Apr 2024).

Dr. V.V.A.S. Lakshmi for successfully completing the course Introduction to Artificial Intelligence on June 19, 2024 Organized by Infosys/Spring Board.

G. Mahesh Babu for participating in the training program on AIML conducted by TalentNext (Wipro) from 17th to 21st June 2024.

P. Srinivasarao, N. Siva Rama Krishna, G. Nageswara Rao, D. Sreekanth, P. Mallika & Ch. Sravan Kumar has participated in 10 hours NFDP on "GenAI and Prompt Engineering using Microsoft Copilot" organized by P B Siddhartha college of Arts & Science. Date: 15th to 19th April 2024.

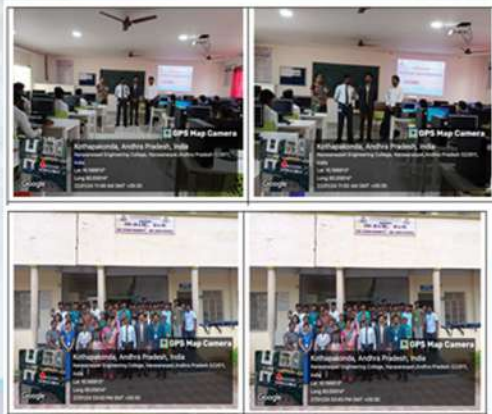## WEBINARS , WORKSHOPS / TRAININGS PROGRAMS / OTHERS CONDUCTED

One Week Workshop On "Implementing Aiml a Hands-On Approach Boot camp" Dates: 22-01-2024 to 27-01-2024.

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APSCHE Employability Profiling Test AIML-56
Dates: 15-02-2024 & 16-02-2024.
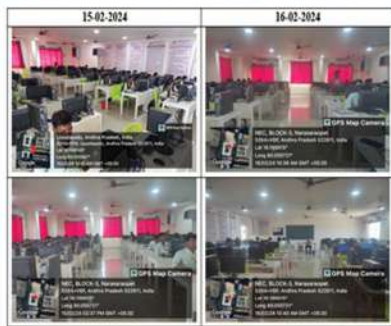
A Guest Lecture on "Build your first Generative AI Model"Mr Trivikrama, association with AI-Master and IIT Delhi Alumnus (AIR 99) on 19-01-2024 (AIML-30)

A Guest Lecture on "Web Penetration Testing" Mrs. V. Lakshmi Prathyusha, Product Security Manager, Bosch Global Software Technologies Pvt.Ltd, Hyderabad on 14-02-2024 (AIML-42)

Bytexl CRT Training for II-II B.Tech CSE-AIML inTech Hub. Schedule: 11th to 28thMarch, 2024.

The department of CSE (AIML) conducted a BoS meeting for approval of III & IV Year Syllabus of R20 regulations on 30-12-2023.

One Day Workshop on "Technological Frontiers" for CSE - AIML, DS & CS on 19-04-2024.

STUDENT FOCUS

NPTEL Course Details

Student Details	Title	Course Duration	No.of Students Completed
II-II	The Joy of Computing Python	12 weeks Program	30

EXTRA CIRRCULAR ACTIVITIES

STUDENT ACHIEVEMENTS :-

Microsoft AI Skills Challenge odyssey program has successfully completed by 45 students. (AIML-16, CS-15, DS-14). 7 Students got VIP Pass for attending SatyaNadendla's Program at Bangalore. (AIML-1, CS-5, DS-1)

CSE-AIML Inauguration of TechnoElite.

MongoDB Course Certificates

CSE-AIML Department Association Inauguration

Department Association Logos

Class Review Conducted was meeting on 17-02-2024

CISCO CERTIFICATION

From our department 38 students have been successfully completed "Introduction to Cyber Security" Course offered by CISCO Networking Academy.

SANKRANTHI SAMBARALU COMPETITIONS

BHOGI MANTALU

RANGOLI

PAINTING & PHOTOGRAPHY PHOTOS

P. HARI BABU GOT FIRST PRIZE IN PAINTING COMPETITIONS

CSP BATCHES

TITLE: PLANTATION

1. B. PAVAN KALYAN – 22471A4204
2. D.RAM SAI - 22471A4205
3. K. BABU RANJAN – 22471A4221
4. M. SHANMUKHA NANDA – 22471A4229

TITLE: PLANTATION

1. KOTESWARA RAO – 22471A4208
2. JADA VIJAY- 22471A4211
3. PARIMI HARIBABU- 22471A4238
4. V. KARTHIKEYA - 22471A4253

TITLE: AIR POLLUTION

1. G. VARA PRASAD – 22471A4207
2. G. VINAY KUMAR - 22471A4209
3. N. SRINIVASURAO - 22471A4234
4. SK. SHAFI - 23475A4203

TITLE: AGRICULTURE

1. K. SRI SAI NAGA VARDHAN – 22471A4219
2. N. CHARAN - 22471A4235
3. P. MANOHAR REDDY - 22471A4240
4. S. V. KOTESWARARAO - 22471A4247

TITLE: AGRICULTURE

1. K. NAVEEN CHANDRA – 22471A4215
2. M.D.R. BHARADWAJ – 22471A4232
3. SK. FAYAZ – 22471A4241
4. B. CHAKRAPANI – 22471A4255

TITLE: JUNK FOOD

1. D.V. SAI AKHIL – 22471A4206
2. SK. KHASIM – 22471A4243
3. SK. ADIL – 22471A4244
4. S. VEERENDRA CHARI – 22471A4252

KNOW WHAT SPARKS THE LIGHT IN YOU.THEN USE THAT LIGHT TO ILLUMINATE THE WORLD.

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TITLE: AWARENESS ON WATER POLLUTION

1. J. RICHARD MARK – 22471A4212
2. K. YASWANTH GUPTHA – 22471A4216
3. K. KARTHIK – 22471A4222
4. N. GOPI SANKAR – 22471A4236
5. SK. MOHD AABEED – 22471A4256

TITLE: WOMEN EMPOWERMENT

1. K. NAGA LAKSHMI – 22471A4220
2. K. SURYA SAI SREE – 22471A4224
3. M. GNANA SRI – 22471A4227
4. T. ANITHA – 22471A4248

TITLE: PLANTATION

1. K. GANESH KUMAR – 22471A4214
2. K. YENOSH – 22471A4217
3. V. ANIL – 22471A4254
4. S. VARA PRASAD – 23475A4204

TITLE: AWARENESS ON PLANTATION

1. B. VENKATA DURGA SAI – 22471A4202
2. S. ANKAMMARAO – 22471A4246

TITLE: HEALTH AND HYGIENE

1. A. BHAGYA SREELAKSHMI – 22471A4201
2. B. NEHARIKA – 22471A4203
3. J. PUJITHA – 22471A4213
4. M. KAVYA – 23475A4228

TITLE: AIR POLLUTION

1. K. THARUNI – 22471A4223
2. L. VASANTHA LAKSHMI – 22471A4226
3. M. HASINI – 22471A4233
4. T. SWAPNA – 23475A4249
5. V. GEETHANJALI – 23475A4206

TITLE: PLANTATION

1. G. RAGHAVENDRA – 22471A4210
2. K. BENZIMEN - 22471A4218
3. L. BHARATH KUMAR - 22471A4225
4. SK. ABDUL VAHID – 23475A4205

TITLE: AIR POLLUTION

1. L. VENKATESWARLU – 23475A4201
2. V. RAMANJANEYULU - 23475A4202

TITLE: HELPING HANDS CLUB

1. M. AJAY – 22471A4230
2. M. SAI SRIJA – 22471A4231
3. P. SADHIK – 22471A4239
4. T. VENKATESH – 23475A4250
5. T. KARTHESHA – 23475A4251

TITLE: AGRICULTURE PRODUCTS

1. K. ESWARA RAO – 23475A4207

ACADEMIC TOPPERS:

The following students are secured with highest marks in their respective semester results.

STUDENT'S VOICE:

As a second year student. I would like to share my experience in Narasaraopeta Engineering College. Till now I had completed two semesters & participated so many competitions in & out of the campus, to improve my skills.

Our department faculty so supportive & encourage me to participate in various programs like Technical Quiz, paper Presentations & Cultural activities to eliminate stage fear. NEC College provides Pradhan Mantri-YuvaYojana Programs for students to implement their ideas as an entrepreneurs.

22471A4212
J. Richard Mark

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Vision

• To cultivate a future generation of proficient Cyber Security professionals dedicated to fortifying industry and society by employing cutting-edge security measures.

Mission

• To provide allied research and academic resources that support for cyber security professionals.

• To cultivate research-oriented thinking for the design of new security algorithms.

• To collaborate with innovators for solving real world cyber security threats.

STUDENT STRENGTH PARTICULARS

• 2022 Batch (Regular) - 50
• 2023 Batch (Lateral Entry) - 2

FACULTY FOCUS
INTERNATIONAL JOURNALS:

• Dr.V.V.A.S.Lakshmi, Dr.R.Satya, D.Murali Krishna Reddy, "An energy efficient master auditor node with trust based secure routing in wireless sensor networks", International Journal of Safety and Security Engineering. Vol. 13, No. 6, December, 2023, pp. 1099-1108. Journal homepage: http://iieta.org/journals/ijsse.

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• P. Srinivasarao, G. Nageswararao, N. Siva Rama Krishna & P. Mallika has Participated in 10hours NFDP on Deep Learning and Artificial Intelligence organized by APSSDC in Collaboration with ExcelREdtech-Pvt.Ltd on 26th Feb to 1st March 2024.

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• G. Mahesh Babu has successfully participated and completed A Five Day FDP on Principles of Machine Learning from 25th to 30th April 2024.

• P. Srinivasarao, N. Siva Rama Krishna, G. Nageswara Rao, D. Sreekanth, P. Mallika & Ch. Sravan Kumar has participated in 10 hours NFDP on "GenAI and Prompt Engineering using Microsoft Copilot" organized by P B Siddhartha college of Arts & Science. Date: 15th to 19th April 2024.

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• Dr. VVAS Lakshmi, P. Srinivasarao has successfully completed and received a passing grade in Data Analytics Basics for Everyone. A course of study offered by IBM, an online learning initiative of IBM.

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A Guest Lecture on "Build your first Generative AI Model" Mr Trivikrama, association with AI-Master and IIT Delhi Alumnus (AIR 99) on 19-01-2024 (CS-23)

One Day Workshop on "Awareness program on Challenges in Innovation and Entrepreneurship" by Dr.S.V.N.Srinivasu, IIC Convenor organized by Department of CSE (CS). Date: 13-02-2024.

A Guest Lecture on "Web Penetration Testing" Mrs. V. Lakshmi Prathyusha, Product Security Manager, Bosch Global Software Technologies Pvt.Ltd, Hyderabad on 14-02-2024 (CS-37)

WEBINARS , WORKSHOPS / TRAININGS PROGRAMS / OTHERS CONDUCTED

One Week Workshop & Hackathon on "Cyber Security & Ethical Hacking" Dates: 03-01-2024 to 09-01-2024

Bytexl CRT Training for II-II B.Tech CSE-CS inTech Hub. Schedule: 11th to 28thMarch, 2024.

A Guest Lecture on 'Intellectual Property Rights' Dr. Aravind, Professor, Department of MBAon 24-04-2024 (CS-50)

The department of CSE (CS) conducted a BoS meeting for approval of III & IV Year Syllabus of R20 regulations on 16-12-2023.
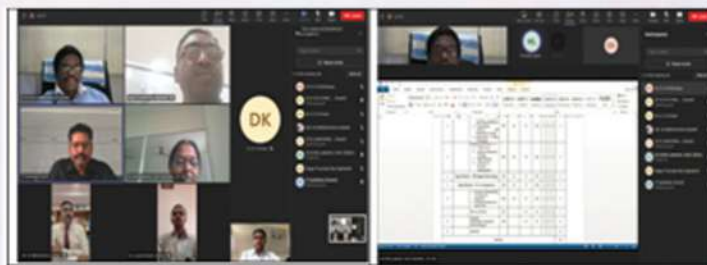
STUDENT FOCUS
NPTEL Course Details

Student Details	Title	Course Duration	No.of Students Completed
II-II	The Joy of Computing Python	12 weeks Program	28

EXTRA CIRRCULAR ACTIVITIES
STUDENT ACHIEVEMENTS:-

CSE - CS students had successfully completing the course of "The Joy of Computing using Python" Duration 12 Weeks (Jan-Apr 2024). NPTEL Online Certification.

MongoDB Course Certificates

Microsoft AI Skills Challenge odyssey program has successfully completed by 45 students. (AIML-16, CS-15, DS-14). 7 Students got VIP Pass for attending Satya Nadendla's Program at Bangalore. (AIML-1, CS-5, DS-1)

L. Vasu Deva Siva SaiSubbaraoGeeksforGeeks is delighted and excited to welcome you as a Campus Mantri of NEC Guntur.

CSE-CS Inauguration of TechnoElite.

2nd Year CS Student NandipatiPujitha- for Successfully Completing an Internship Program on Python Development from 01-12-2023 to 31-12-2023 at TechnoHacksEduTech.

2nd Year CS Students L. Vasu, P. Trinadh, G. Ganesh, N. Pujitha, B. Sowmya, B. Jagadeesh& Ch. Prasadu are successfully completed Web Development Internship Program on 01-03-2024 to 01-04-2024 at Octanet Services Pvt.Ltd.

CSE- CS Department Association Inauguration.

TITLE:AGRICULTURE SCHEMES

1. D. BRAHMAJI – 22471A4612
2. P. CHAITANYA – 22471A4635
3. R. MANOJ KUMAR – 22471A4639
4. K. AJAY KUMAR – 23475A4602

TITLE:WATER POLLUTION

1. A. SIVA NAGARAJU– 22471A4602
2. B. JAGADEESH – 22471A4605
3. P. TRINADH – 22471A4637

TITLE: ANDROID EFFECT AND AWARENESS

1. U. SRINIVAS – 22471A4645
2. U. V. MUNEESWAR REDDY - 22471A4646

TITLE:DIGITAL TRANSACTION

1. K. PRAVEEN KUMAR – 22471A4623

TITLE:PLANTATION

1. G. VENKATESWARLU – 22471A4616
2. V. HEMANTH – 22471A4649

TITLE:SERVICES AND MANAGEMENT OF HOSPITAL

1. N. CHANDU PRASAD – 22471A4632

TITLE:PLANTATION

1. P. VEERANJANEYULU – 22471A4636

TITLE: TREE PLANTATION

1. K. SAI KUMAR – 22471A4626

TITLE:AGRICULTURE PRODUCTS

1. CH. SAMBA SIVA RAO – 22471A4609
2. K. AJAY KUMAR REDDY – 22471A4622
3. S. RAMAKRISHNA REDDY – 22471A4643
4. V. RAHUL BABU – 22471A4648

TITLE:WATER POLLUTION

1. P. JAGADEESH– 22471A4651

TITLE:AIR POLLUTION

1. G. KRISHNA VAMSI – 22471A4615
2. I. JAY CHARAN – 22471A4617
3. J. BARZILLAI – 22471A4619
4. M. ASHOK– 22471A4631

TITLE:AWARENESS ON MOBILE USAGE

1. CH. PRASADU– 22471A4611

TITLE:AIR POLLUTION

1. R. LEKHYA– 22471A4638

ACADEMIC TOPPERS:

The following students are secured with highest marks in their respective semester results.

STUDENT'S VOICE:

As a second year student. I would like to share my experience in Narasaraopeta Engineering College. Till now I had completed two semesters & participated so many competitions in & out of the campus, to improve my skills.

Our department faculty so supportive & encourage me to participate in various programs like Technical Quiz, paper Presentations & Cultural activities to eliminate stage fear. NEC CollegeProvides Pradhan MantriYuvaYojana Programs for students to implement their ideas as an entrepreneurs.

22471A4605
B. Jagadeesh

Vision

• To nurture skilled professionals in the Data Science for industry innovation and create meaningful societal impact through advanced analytics, machine learning, and impactful data-driven solutions.

Mission

• To develop skilled data scientists who can effectively solve challenges in data analytics through comprehensive education and practical training in statistical analysis, machine learning, data visualization, and data manipulation.

• To develop students with strong research capabilities who can revolutionize multiple fields through the application of data science.

• To develop ethical data science professionals who utilize data for the welfare of society.

STUDENT STRENGTH PARTICULARS

• 2022 Batch (Regular) - 58
• 2023 Batch (Lateral Entry) - 2

FACULTY FOCUS
INTERNATIONAL JOURNALS:

Dr.V.V.A.S.Lakshmi, Dr.R.Satya, D.Murali Krishna Reddy, "An energy efficient master auditor node with trust based secure routing in wireless sensor networks", International Journal of Safety and Security Engineering. Vol. 13, No. 6, December, 2023, pp. 1099-1108. Journal homepage: http://iieta.org/journals/ijsse.

FDPS ATTENDED:

P. Srinivasarao& G. Nageswararao has participated in 10hours NFDP on Business Analytics organized by AISSMS College of engineering on 5th to 9th Feb 2024.

P. Srinivasarao, G. Nageswararao, N. Siva Rama Krishna & P. Mallika has Participated in 10hours NFDP on Deep Learning and Artificial Intelligence organized by APSSDC in Collaboration with ExcelREdtechPvt.Ltd on 26th Feb to 1st March 2024.

P.Srinivasarao, P.Mallika, G.Nageswara Rao has been participated in the (NITTTR) AICTE Recognized FDP on NSQL Aligned Skill Development.

P. Srinivasa Rao, G. Nageswara Rao, G. Mahesh Babu& P. Mallika are

FACULTY ACHIEVEMENT:

P. Srinivasarao for successful completion of 30 hours live training program on NLP, ChatGTP and Prompt Engineering held form 18-12-2023 to 09-01-2024.

P. Mallika has participated in Expert talk on "Financial Time Series Volatility Forecasting" organized by CSE, CBIT-HYD on 27th Jan 2024.

G. Mahesh Babu - Wipro Certified Faculty in .NET Full Stack.&N. Siva Rama Krishna – Wipro Participated in Java Full Stack.

G. Mahesh Babu Sir has successfully completing the course Python for Data Science organized Elite NPTEL Online Certification & NPTEL - AICTE FDP.

Dr.VVAS Lakshmi, P. Srinivasarao, G. Mahesh Babu, G. Nageswararao, N. Siva Rama Krishna & P. Mallika has participated in one week online NFDP on "Data Visualization Using Tableau" conducted on 1st to 5th April, 2024 organized by Department of CSE MBU Tirupathi& EXCELR EDTECH PVT. LTD.

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N. Siva Rama Krishna, P. Srinivasarao, G. Nageswara Rao, A. Papa Rao & Ch. Padma has successfully completed and received a passing grade in Machine Learning with Python: A Practical Introduction. A course of study offered by IBM, an online learning initiative of IBM.

Dr. VVAS Lakshmi, P. Srinivasarao has successfully completed and received a passing grade in Data Analytics Basics for Everyone. A course of study offered by IBM, an online learning initiative of IBM.

A. Papa Rao, Ch. Padma, D. Srikanth has successfully completed and received a passing grade in Introduction to Cloud Computing. A course of study offered by IBM, an online learning initiative of IBM.

G. Mahesh Babu has successfully completed and received a passing grade in DevOps Basics for Everyone. A course of study offered by IBM, an online learning initiative of IBM.

Dr. V.V.A.S.Lakshmi, D. Sreekanth, P. Mallika& A. Paparao has attended Online 1 week training program on "Research Proposal Writing and AI Tools in Education and Research" sponsored by ISTE, New Delhi during 06/05/2024 to 11/05/2024 organized by dept of AI & DS at P.R.PotePatil College, Amaravathi.

Dr. V.V.A.S.Lakshmi for successfully completing MongoDB Atlas Administrator Path on 08/05/2024.

P. Srinivasarao for successfully completing the course Programming in Java (Jan-Apr 2024).

P. Srinivasarao, N. Siva Rama Krishna, G. Nage.swara Rao, D. Sreekanth, P. Mallika& Ch. Sravan Kumar has participated in 10 hours NFDP on "GenAI and Prompt Engineering using Microsoft Copilot" organized by P B Siddhartha college of Arts & Science. Date: 15th to 19th April 2024.

N. Siva Rama Krishna, P. Mallika& Ch. Padma has been participated in 5 days International Faculty Development Program on Digital Marketing Organized by MIT Arts, Commerce & Science College.

Dr. V.V.A.S. Lakshmi, N. Siva Rama Krishna, P. Mallika, G.V. Neelimadhavi, M. Kishore Babu Ch. Padma, K. Mounika for the successful completion of one week FDP on "OBE & NEP 2020" during 10th to 14th June 2024, jointly organized by VIT- AP University, Amaravathi.

One Week Workshop On 'Coding Data Alchemy Unleashing Insights with Python Magic' Dates: 29-01-2024 To 03-02-2024.

N. Siva Rama Krishna for successfully completing the course Introduction to Data Science on June 21, 2024 Organized by Infosys.

APSCHE Employability Profiling Test DS-52 Dates: 15-02-2024 & 16-02-2024.
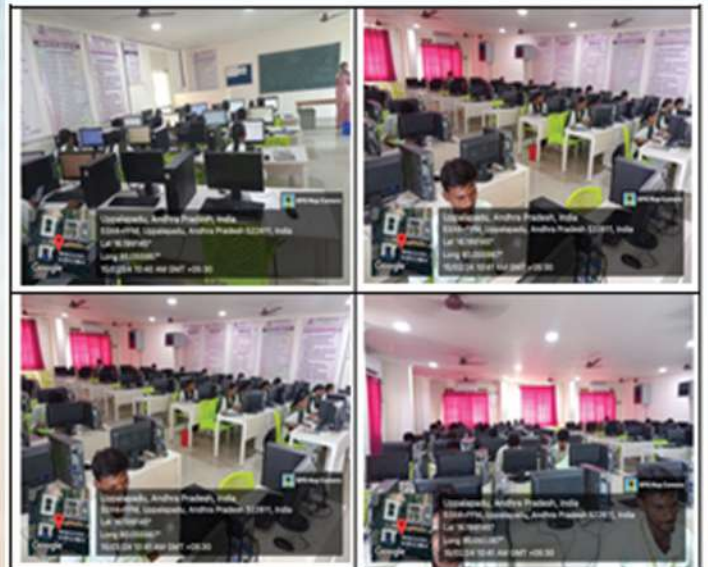
WEBINARS , WORKSHOPS / TRAININGS PROGRAMS / OTHERS CONDUCTED

A Guest Lecture on "Road Map to Data Scientist" Mr.Avinash, association with ALICE SOFT on 09-01-2024 (DS- 44)

A Guest Lecture on "Build your first Generative AI Model" Mr Trivikrama, association with AI-Master and IIT Delhi Alumnus (AIR 99) on 19-01-2024 (DS-30)

A Guest Lecture on "Web Penetration Testing" Mrs. V. Lakshmi Prathyusha, Product Security Manager, Bosch Global Software Technologies Pvt.Ltd, Hyderabad on 14-02-2024 (DS-19)

Bytexl CRT Training for II-II B.Tech CSE-DS inTech Hub. Schedule: 11th to 28thMarch, 2024.

The department of CSE (DS) conducted a BoS meeting for approval of III & IV Year Syllabus of R20 regulations on 13-12-2023.

One Day Workshop on "Technological Frontiers" for CSE - AIML, DS & CS on 19-04-2024.
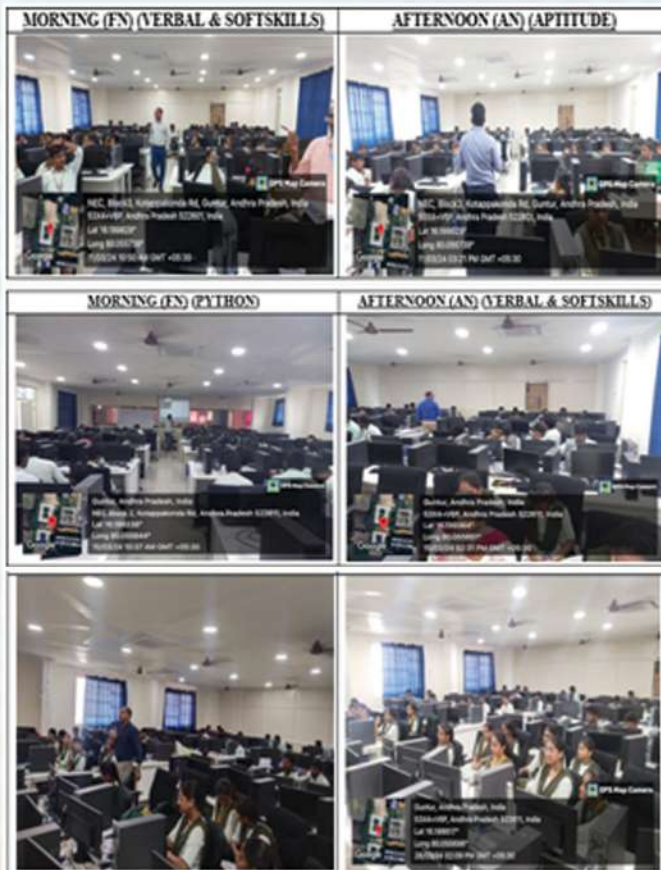
The Below Team From Our College To Participate In The Grand Finale of The Smart India Hackathon 2023. TEAM NAME: APRENDIZA, TEAM ID: 34862
1. K. HARSHITHA – 22471A4425
2. T. RAMYA – 22471A4451
3. G. SHANMUKHA – 22471A4458

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Chairman & Principal appreciated the team, participated in SIH - 2023 @ Odisha.

STUDENT FOCUS
NPTEL Course Details

Student Details	Title	Course Duration	No. of Students Completed
II-II	The Joy of Computing Python	12 weeks Program	30

EXTRA CIRRCULAR ACTIVITIES
STUDENT ACHIEVEMENTS:-

MongoDB Course Certificates

Microsoft AI Skills Challenge odyssey program has successfully completed by 45 students. (AIML-16, CS-15, DS-14). 7 Students got VIP Pass for attending SatyaNadendla's Program at Bangalore. (AIML-1, CS-5, DS-1)

CSE-DS Inauguration of TechnoElite

CSE-DS Department Association Inauguration.

Class Review Conducted was meeting on 17-02-2024

CISCO CERTIFICATION

From our department 43 students have been successfully completed "Introduction to Cyber Security" Course offered by CISCO Networking Academy.

SANKRANTHI SAMBARALU COMPETITIONS

BHOGI MANTALU

RANGOLI

PAINTING & PHOTOGRAPHY PHOTOS

CSP BATCHES

TITLE: AWARENESS ON HEALTH ISSUES
1. CH. BLESSY – 22471A4412
2. S. DIVYA - 22471A4449

TITLE: AWARENESS ON TRAFFIC RULES AND ROAD SAFETY
1. D. HARSHITHA- 22471A4418
2. K. HARSHITHA - 22471A4425
3. Y. SAI PRIYA - 22471A4457

TITLE: WATER FACILITIES & AVAILABILITY OF DRINIKING WATER
1. D.V. PRASANTH REDDY- 22471A4407
2. B.V. SIVA REDDY - 22471A4409
3. T. ANIL KUMAR- 22471A4450

TITLE: CROP ROTATION
1. B. UPENDRA – 22471A4411
2. CH. NARENDRA REDDY - 22471A4413
3. D. ADI KESAVA REDDY - 22471A4416
4. S. MANOHAR - 22471A4448

TITLE: WATER FACILITIES & AVAILABILITY OF DRINIKING WATER
1. M.V. THIRUMALA RAO – 22471A4435
2. P. GOPI – 23475A4401
3. K. KIRAN KUMAR – 23475A4402

TITLE: AWARENESS OF PLANTATION
1. A. PAVANA PRANATHI – 22471A4403

TITLE: WATER POLLUTION
1. G. BALA KOTESWARA RAO– 22471A4421
2. K. SRINIVASA REDDY – 22471A4426
3. P. VENKATA MOHAN – 22471A4442
4. V. HARENDRA – 22471A4456

TITLE: CYBER CRIME
1. CH. PREMCHAND – 22471A4414
2. P. VENKATESH – 22471A4439
3. P. SAI GANESH – 22471A4444

TITLE: AWARENESS OF WATER POLLUTION
1. G. SAI TEJA – 22471A4422
2. M. UDAY KIRAN – 22471A4433
3. M. GUNA SEKHAR REDDY – 22471A4437
4. P. IMRAN – 23475A4441
5. T. HARISH SHARMA – 23475A4453

TITLE: ONLINE UPI PAYMENTS
1. J. PRADEEP – 22471A4424

TITLE: AWARENESS ON HEALTH ISSUES AND MEDICINES
1. B. CHANDRA KIRAN KUMAR– 22471A4406
2. B. ASHOK KUMAR – 22471A4410
3. G. SAI VENKATA NARASIMHA – 22471A4423
4. K. MADHAV – 23475A4428
5. U. VENKATESWARLU – 23475A4454

TITLE: AWARENESS OF WATER POLLUTION
1. L. SRINIVASARAO – 22471A4431
2. M. V. YASWANTH – 22471A4434
3. P. SUDHAKAR BABU – 22471A4443
4. SK. ABDUL LATHIF – 22471A4445

TITLE: AWARENESS ON HEALTH ISSUES AND MEDICINES
1. K.V. SAI BHARATH – 22471A4427
2. K. DINESH – 22471A4429
3. V. SOMA SEKHAR – 22471A4455
4. G. SHANMUKHA – 22471A4458

TITLE: HEALTH AND HYGIENE
1. M. CH. DEDEEPYA – 22471A4432

TITLE: AWARENESS ON CLEAN AND GREEN
1. SK. ISHRATH BANU – 22471A4446

TITLE: HEALTH AND HYGIENE
1. SK. NEEHA PARVEEN – 22471A4447

TITLE: AWARENESS ON PLASTIC
1. B. DINESH BABU – 22471A4405

TITLE: AWARENESS ON EDUCATION
1. P. HANEEF SHA KHAN – 22471A4440

TITLE: AWARENESS ON FERTILIZATION
1. A. SRIVALLI – 22471A4401
2. K. DIVYA – 22471A4430
3. M. NAVA DURGA – 22471A4436

TITLE: AWARENESS ON AGRICULTURAL PRODUCTS
1. B. SWAPNA – 22471A4408

TITLE: AWARENESS ON PLANTATION
1. A. SWATHI – 22471A4402

TITLE: CROP ROTATION
1. CH. CHINNA MARY YESU– 22471A4415

TITLE: AGRICULTURAL SCHEMES
1. D. MOUNIKA– 22471A4417

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TITLE: AWARENESS ON SOIL POLLUTION
1. B. JASNAVI – 22471A4404

TITLE: AWARENESS ON PLANTATION
1. G. JAYA SRI– 22471A4419

TITLE: AWARENESS ON PLANTATION
1. G. HEMA SARANYA – 22471A4420

TITLE: AWARENESS ON ORGANIC FARMING
1. T. ASHA GAYATHRI – 22471A4452

TITLE: AWARENESS ON ORGANIC FARMING
1. P. HANEEF SHA KHAN– 22471A4440

TITLE: AWARENESS ON PLANTATION
1. P. SAI SRAVANTHI – 22471A4438

ACADEMIC TOPPERS :

The following students are secured with highest marks in their respective semester results.

STUDENT'S VOICE:

As a second year student. I would like to share my experience in Narasaraopeta Engineering College. Till now I had completed two semesters & participated so many competitions in & out of the campus, to improve my skills.

Our department faculty so supportive & encourage me to participate in various programs like Technical Quiz, paper Presentations & Cultural activities to eliminate stage fear. NEC College provides Pradhan Mantri Yuva Yojana Programs for students to implement their ideas as an entrepreneurs.

M.Ch. Dedeepya
22471A4432

New Trends in Technology

Harnessing the Sun's Power: A Promising Solution to Energy Challenges

As global energy demands rise and environmental concerns mount, finding alternatives to polluting fossil fuels is crucial. Solar energy emerges as a frontrunner in this quest. It encompasses various technologies like solar heating, photovoltaics, thermal electricity, and architecture. This abundant, renewable resource holds immense potential to address the country's energy crisis.

To refine solar energy capture and conversion technologies, we have to explore different methods of utilizing solar power, providing a concise explanation of photovoltaic cells and thermal power systems.

Solar technologies fall into two categories: passive and active. Passive techniques focus on building design to capture and distribute sunlight naturally. This includes building orientation, using materials with optimal thermal mass or light dispersion properties, and designing spaces for natural air circulation. Active techniques, on the other hand, employ equipment like photovoltaic panels and solar thermal collectors to harness solar energy.

FACULTY FOCUS

Dr.K.PonnariLakshmi,Professor,and H.O.D.B.S&H has participated and presented a paper titled "Leveraging digital stories to enrich students' vocabulary: a pathway to engaging learning" in a three day Multidisciplinary National Conference on Reimagining discourse: Language, Literature and Contemporary Communication organized by Department of English and Foreign Languages, School of applied Sciences and humanities in Vignan University from 29th April to 1st May 2024.

Dr.K.PonnariLakshmi,Professor and H.O.D. B.S&H has successfully completed the certificate courses "Career Development 2x: Communication and Teamwork" and "Conversational English Skills" courses of study offered by TsinghuaX, an online learning initiative of Tsinghua University.

Dr.K.PonnariLakshmi,Professor and H.O.D. B.S&H has return a book "Basic Conversational skills: Situational English for beginners with the ISBN: 9788196623616 Published by Doctorate Int'l Publications.

Dr.V.Aruna, Assoc.Professor of English published a paper in IJFANS an International Journal, with the title "Multiple Intelligence Practice: A Source to Develop Soft Skills and English Communication" in the month of March.

Dr.V.Aruna, Assoc. Professor of English attended a National Conference on world Poetry Day Musings of Great Poets Conducted by Dept. of English, RGMCET, Nandyal and presented a paper on "John Keats and Toru Dutt: A Comparative Study in Romanticism and Beauty".

Dr.V.Aruna, Assoc. Professor of English has participated and presented a paper titled "Proficient Discourse gives shaping to Graduates in Modern English Education" in a three day Multidisciplinary National Conference on Reimagining discourse: Language, Literature and Contemporary Communication organized by Department of English and Foreign Languages, School of applied Sciences and humanities in Vignan University from 29th April to 1st May 2024.

Dr.V.Aruna, Assoc. Professor of English has successfully completed the certificate course "Conversational English Skills" course of study offered by TsinghuaX, an online learning initiative of Tsinghua University.

Mr.G.R.K.Murthy Asst. Professor of English has attended a National Conference on world Poetry Day Musings of Great Poets Conducted by Dept. of English, RGMCET, Nandyal and presented a paper on "John Keats and Toru Dutt: A Comparative Study in Romanticism and Beauty".

Mr.G.R.K.Murthy Asst. Professor of English has successfully completed the certificate course Conversational English Skills acourse of study offered by TsinghuaX, an online learning initiative of Tsinghua University.

Mr.M.Purna Chandra Rao, Asst. Professor, of English has successfully completed the certificate course Conversational English Skills acourse offered by TsinghuaX, an online learning initiative of Tsinghua University.

Dr.Sk.Rafi, Asst. Professor, of English has successfully completed the certificate course Conversational English Skills acourse offered by TsinghuaX, an online learning initiative of Tsinghua University.

Mr.S.Riyaz, Asst. Professor, of English has successfully completed the certificate course Conversational English Skills acourse offered by TsinghuaX, an online learning initiative of Tsinghua University.

Mr.Z.Mohana Rao, Asst. Professor of English has successfully completed the offered by TsinghuaX, an online learning initiative of Tsinghua University.

Mr.ChandraMouli, Asst. Professor, of English has successfully completed the certificate offered by TsinghuaX, an online learning initiative of Tsinghua University.

Mrs.V.Radha, Asst. Professor has participated in the National Seminar on "Applications of Statistics and Mathematics" and Presented a Paper entitled "Estimation of magneto boundary layer slip flow over a permeable cylinder with Chemical Reaction" held during 15th& 16th February – 2024. Organized by Department of Statistics' and Mathematics, TSWRDCW-Khamamman, Khammam Dist. Telangana.

Mr.M.Prasad, Assoc. Professorhas participated in the National Seminar on "Applications of Statistics and Mathematics" and Presented a Paper entitled "Role of Thermo-Diffusion and Diffusion-Thermo impacts on MHD three Dimensional through flow a porous medium held during 15th& 16th February – 2024. Organized by Department of Statistics' and Mathematics, TSWRDCW-Khamamman, Khammam Dist. Telangana.

Mr.K.Harischandra Prasad Asst. Professorhas participated in the National Seminar on "Applications of Statistics and Mathematics" and Presented a Paper entitled "Radio flow of third grade VISCO elastic fluid past and isothermal inverted Cone with heat generation" held during 15th& 16th February – 2024. Organized by Department of Statistics' and Mathematics, TSWRDCW-Khamamman, Khammam Dist. Telangana.

Statistics and Mathematics" and Presented a Paper entitled "Numerical analysis of MHD non-Newtonian fluid flow over a cylinder with activation energy" held during 15th& 16th February – 2024. Organized by Department of Statistics' and Mathematics, TSWRDCW-Khamamman, Khammam Dist. Telangana.

Mrs.A.Aparna, Asst. Professor has participatedin Five day International online FDP on AI for educators from 20th May 2024 to 24-May 2024 at Institute of Public Enterprise, Hyderabad.

Miss.SyedRoshiniBanu, Asst. Professor has participated in the National Seminar on "Applications of Statistics and Mathematics" and Presented a Paper entitled"Wedge flow of nanaofluids with heat source and ohmic heating using BVP4C" held during 15th& 16th February – 2024. Organized by Department of Statistics' and Mathematics.angana.

Miss.SyedRoshiniBanu, Asst. Professor has participatedin Five day International online FDP on AI for educators from 20th May 2024 to 24-May 2024 at Institute of Public Enterprise, Hyderabad.

Dr.Ch.Maheswari, Assoc. Professor has participated in the National Seminar on "Applications of Statistics and Mathematics" and Presented a Paper entitled"Modeling of Darcy – Forchhheimer flow of-radiative hybrid nanofluid over a stretch Surface with BVP4C approach" held during 15th& 16th February – 2024. Organized by Department of Statistics' and Mathematics, TSWRDCW-Khamamman, Khammam Dist. Telangana.

Dr.Ch.Maheswari, Assoc. Professor has participatedin Five day International online FDP on AI for educators from 20th May 2024 to 24-May 2024 at Institute of Public Enterprise, Hyderabad.

Dr.R.MohanaRamana Assoc. Professor has participated in the National Seminar on "Applications of Statistics and Mathematics" and Presented a Paper entitled "Insights into the thermal characteristics of Ethylene glycol conveying. Titanium oxide, alumina and Silver nanoparticles with BVP4C approach across wedge" held during 15th& 16th February – 2024. Organized by Department of Statistics' and Mathematics, TSWRDCW-Khamamman, Khammam Dist. Telangana.

Dr.R.MohanaRamana Assoc. Professor hasparticipated in Five day International online FDP on AI for educators from 20th May 2024 to 24-May 2024 at Institute of Public Enterprise, Hyderabad.

"Every work hasgotto passthroughhundredsofdifficulties before succeeding. Those that persevere will the light, sooner or later." Swami Vivekananda

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Dr.G.Dharmaiah, Assoc. Professor has participated in the National Seminar on "Applications of Statistics and Mathematics" and Presented a Paper entitled" Jeffrey fluid flow with Falkner-skan factor, Brownian and thermophoresis impacts past a wedge" held during 15th& 16th February – 2024. Organized by Department of Statistics' and Mathematics, TSWRDCW-Khamamman, Khammam Dist. Telangana.

Dr.G.Dharmaiah, Assoc. Professor has participatedin Five day International online FDP on AI for educators from 20th May 2024 to 24-May 2024 at Institute of Public Enterprise, Hyderabad.

Samuel John Gosu is participated as Oral Presentation in DST – SERB Sponsored National Conference on "Advances in Functional Materials and Photonics" (NAFP-2024) held on 5th&* 6th January 2024. Organized by Department of Physics, KoneruLakshmaiah Education Foundation (Deemed to be University), GreenFieldd, Vaddeswaram, Guntur, Andhra Pradesh, India – 522302.

Dr.N.RaviBabu Assoc. Professor has participatedin Five day International online FDP on AI for educators from 20th May 2024 to 24-May 2024 at Institute of Public Enterprise, Hyderabad.

"Every work hasgotto passthroughhundredsofdifficulties before succeeding. Those that persevere will the light, sooner or later."
Swami Vivekananda

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DEPARTMENT OF MBA

Manager - He, who do things right

Vision

To provide a world-class learning experience in the field of management and develop leadership capabilities to withstand global challenges thus making MBA distinctive, Research oriented, and professional program that is equipped to build on the twin pillars of theory and practice.

Mission

To impart and nurture managerial and entrepreneurial skills in the students.

To create a competitive environment for the student to upgrade their knowledge and sharpen theirskills.

To encourage the faculty and students to undertake research and consultancy assignments promoting self-employment through entrepreneurship.

New Trend

Business analytics refers to the skills, technologies, and practices for continuous iterative exploration and investigation of past business performance to gain insight and drive business planning. Business analytics focuses on developing new insights and understanding of business performance based on data and statistical methods

Faculty Focus
Publications/Conferences/FDP

S. Salma, N. Usha Deepa Sundari& T. Swathihas participated in 3 days FDP on "The intricacies of AI in Academic Researchorganized by Master of Business Administration, AI Departments in association with Research Cell, LBRCE from 28-06-24 to 30-06-24.

Dr. P. Pattabhi Ram, J. Rajesh, D. Satish babu, S. Salma & T. Swathihas participated in one week FDP on " Design Thinking & Innovation" organized by IQAC & Department of Mechanical Engineering in NEC in association with VIT-AP University- Amaravathi from 18-06-24 to 22-06-24.

S. Salma, D. Satish babu & N. Usha DeepaSundari has participated in Five day international workshop on "Research Methodology" Organized by GISS from 12th to 16th June 2024.

Dr. P. Pattabhi Ram, Dr. Aravind, N.ushadeepasundari, D. Satish babu & S. Salma had completed one week faculty development program (FDP) on OBE & NEP 2020 during 10/6/24 to 14/6/24, jointly organize by Internal Quality Assurance cell – IQAC, PBR VITS, Kavali and VIT-AP University, Amaravathi.

Salma Syed Published a paper on "A Comparative Study on Women Empowerment in Private Sector Banks (With Special Reference to ICICI and HDFC in Andhra Pradesh)" in Two-Days International Conference on "Paradigm Shift Towards Sustainable Management & Digital Practices: Exploring Global Trends and Innovations" Organized by Vishwa Vishwani School of Business Hyderabad, Vol-XXVIII, No-30, ISSN: 0975-802X, on 24th& 25th May 2024.

D.Satish Babu Published a paper on"Enhancing Organizational Productivity Through Digital HRM Practices"in Two-Days International Conference on "Paradigm Shift Towards Sustainable Management & Digital Practices: Exploring Global Trends and Innovations" Organized by Vishwa Vishwani School of Business Hyderabad, Vol-XXVIII, No-30, ISSN: 0975-802X, on 24th& 25th May 2024.

Salma Syed Participated 5-Day online Faculty Development Program (FDP) on "AI for Educators" conducted by Institute of Public Enterprise (IPE), Hyderabad. 20-24 May 2024

Salma Syed Participated in National Level Online Workshop on "Career and Higher Education Opportunities for Graduates" jointly organized by Institute of Public Enterprise (IPE), Hyderabad, Govt. Degree College, Koratla&Girraj Govt. College, Nizamabad on 8th May 2024

Salma Syed Participated in the 3-Day FDP on "Research Problem Identification & Paper Writing" organized by Dept. of Research & Publications, A2Z EduLearningHub on 2nd to 4th May 2024.

Salma Syed Participated in the 6 days online MDP on "Empowering Entrepreneurs, Building Future" from 29th April to 4th May 2024, Organized by the Department of Management Studies, Sridevi Women's Engineering College(Autonomous), Vattinagulapally, Gandipet, Hyderabad- 500075, Telangana, India.

Salma Syed for completing NPTEL Online Certification 8 weeks Course on Marketing Management-II during Feb-April,2024.

Sd. Salma,D.Satish Babu and N.Usha Deepa Sundari participatedin a one-day workshop on "ChatGPT & AI hacks with MS Office" conducted by Skill Nation on 18-04-2024.

N.Usha Deepa Sundari has completed the online course on "Digital Transformation"organized by SimpliileranSkill up on 17th April 2024.

Salma Syed Participated in Two-Day National Seminar on "Fintech Revolution-Reshaping Financial Services in the Digital Age" Organized by School of Management, Dept. of Commerce & Business Management University Arts and Science College, Kakatiya University, Subedari, Hanumakonda, Telangana, India. From 27th& 28th March,2024.

Salma Syed has participated in the UGC Sponsored Three-Day International Conference on "Emerging Trends and Opportunities in Healthcare Management" organized by the Department of MBA (Hospital Administration), Acharya Nagarjuna University, Guntur, AP. From 15th -17th March,2024.

Salma Syed has participated in one-day workshop on "Emerging Trends in Scholarly Publishing with Elsevier" organized by Researcher Academy on Campus, on 15th March,2024.

Salma. Syed, D. Satish Babu & N. Usha Deepa Sundari participated in Two-day National Level Online FDP on "Research Methodology and Project Guidance" Organized by the Department of Commerce, Government Degree College – Korutla in association with the institute of Public Enterprise (IPE), Hyderabad on 12th& 13th March,2024.

Sd. Salma, N.Usha Deepa Sundari & D. Satish Babu have participated in the workshop on "Constitutional Rights in the current scenario" organized by Rajeev Gandhi College of Management Studies, on 2nd March 2024.

Salma. Syed has participated in 3 days National Workshop on "Innovation, Incubation and IPR for MSMEs, Start-up's"organized by KLIPFCfrom 28th, 29th& 1st March 2024.

N.Usha Deepa Sundari had successfully completed her Certification course on Digital marketing Strategy and operation Management in Great Learning.

Salma Syed has successfully participated in an online Three-Day Faculty Development Programme on "Citation & Reference Management for Scholarly Writing" organized by IQAC,NSB Bangalore in collaboration with Mendeley, Netherlands between 26th and 28th of February 2024.

Salma Syed has successfully participated in an online 5-Day Faculty Development Programme on "A Captivating Exploration of Artificial Intelligence Influence on Shaping the Contemporary Landscape In The Healthcare And Essence Of Pharmacy"organized by School of Pharmaceutical Sciences, Vels Institute of Science Technology and Advanced Studies (VISTAS), India. from 19 -23 February 2024.

SALMA SYED attended an inspiring young leader's session titled "VISIT BHARATH: A DEVELOPED INDIA BY 2047-ROLE OF ACADEMIA" organized by the Association of Indian Management Schools (AIMS) on 16th Feb 2024.

Dr. M. Aravind &Salma. Syed participated in the 5-day FDP on IPR for Sustainable and Technological Development 2024 held on Feb 06-10,2024 organized by GalgotiasUniversity, Greater Noida (U.P), India.

Suresh Yamarthihas attended a knowledge sharing session titled on "Leadership and Change Management in BANI World" Organized on 17th JAN 2024 by Association of Indian Management Schools (AIMS).

Departmental Activities
Workshops/Seminars/Industrial visits/Webinars

Department of MBA has Conducted 3 events Business Quiz, Market Makers & Young Manager as a part of jubilation 2K24 held during 01st& 02nd March 2024.

Department of MBA Conducted CRT training program on reasoning, resume Interview techniques, and presentation skills for I Year MBA students. In this training,150 students are participated from 22-04-2024 to 27-04-2024.

Department of MBA Conducted CRT training program on Interview techniques, and presentation skills for II Year MBA students. In this training, 113 students participated from 18-03-2024 to 26-03-2024.

Narasaraopet Engineering College, Department of MBA is awarded Lifetime Institutional membership of Association of Indian Management Schools (AIMS), HYD.In February 2024

Student Focus

Balaram Krishna , B. Brahmiah, Gopi &P.Ajay had won I prize in the activity named Snap The Shot at KLU- TARKSHYA –A National Level Management Fest held on 28-03- 2024.

BalaRam Krishna , B. Brahmiah, Gopi &P.Ajay had won I prize in the activity named CINEPHILIA at KLU- TARKSHYA –A National Level Management Fest held on 28-03- 2024.

Sk. Jasmine, Sk.Md. Javeed, Akhil Babu & Jaya Lakshmi had won II prize in Corporate Doodles at KLU- TARKSHYA –A National Level Management Fest held on 28-03- 2024.

Sk. Irfana & S. Suchita, Sk. Farzana & Sk. Dilshad pursuing II MBA has participated in Mehandi Competition in NEC as a part of Women's day Celebrations held on 14thMarch 2024.

M. Sasirekha, Sk. Muneera, Sk. Karishma pursuing II MBA from NEC has participated in Poster presentation Competition in NEC as a part of Women's Day Celebrations held on 14thMarch 2024.

I Year MBA Students participated in the event R.V.R & J.C MANMEET-2K24 DALAAL KA KAMAAL contest organized at COLORIDO 2024- A national level technical, cultural and sports fest held on Feb-16th 2024.

I Year MBA Students M.Vikranth&S.MD.Javeed have been successfully completion of The Winner Engineering (Primary) Workshop focused on "Sankalpam Life Success Process"organized by Sankalpam Life School, USA on 30-01-2024.

II Year MBA student T.Vinay Babu participated in the event of painting competition and won the consolation prize conducted on the occasion of Sankranthi Sambaralu on 8th Jan 2024.

I Year MBA Students G.Amaresh&P.Rupa Vyshnavi have been participated in the event of poster presentation and won the III Prize conducted on the occasion of National Eneregy Conservation Day on 14-12-2023.

I Year MBA Students K.Nandini&T.Rajani have been participated in the event of Rangoli Competition and won the III Prize conducted on the occasion of Sankranthi Sambaralu on 8th Jan 2024.

I Year MBA Student G.Jaya Lakshmi has participated in the event of Traditional Dress Competition and won the II Prize conducted on the occasion of Sankranthi Sambaralu on 8th Jan 2024.

Placements:

09 students were selected in Keertana FinServ.

Curricular & Co-Curricular activities (Sports)

The following students are III & I Sem academic toppers in their respective classes.

P. Bhavani	A. RajeshKumar	G. Mahesh	K. Pavitra
22471E0047	22471E0002	22471E0024	22471E0029
III SEM: 9.29	III SEM: 9.14	III SEM: 9.14	III SEM:9.14

D. Pavan Priya	Sk. Salma	G. Dhanalakshmi	V. Amrutha Naidu
23471E0086	23471E00C2	23471E0014	22471E0073
I SEM 10.00	I SEM 9.69	I SEM 9.23	I SEM9.23

Alumni Voice

It is an immense pleasure to say that I was a part of NEC. Ithelped me a lot to derive the inherent talents in myself to meet the careerrequirements. I hearty thank my faculty for helping me to develop managerial skills.

M.Mahesh (2010-2012)
IDFC Bank Manager
Guduru

Student's Voice

I feel proud to be a part of NEC. It provides me with a great opportunity to enter the corporate business world.

G. Amaresl
H.T.no:23471E0019

Vision

- To prepare MCA Department as a generator of world class Software Professionals / Entrepreneurs.

Mission

- Import the knowledge of modern s/w tools to meet the challenges in current day competition.
- Imparting employability skills instudents.
- Encourage research activities among students and staff.

New Trends in Technology

Artificial Intelligence and Machine Learning: AI and ML continue to revolutionize various industries, from healthcare to finance to retail. Advancements in deep learning algorithms, neural networks, and natural language processing are driving this trend.

Edge Computing: With the proliferation of IoT devices, edge computing has gained traction. It involves processing data closer to the source rather than relying on a centralized data processing warehouse or the cloud. This reduces latency and improves efficiency.

Sustainable Technology: With increasing concerns about climate change and environmental sustainability, there's a growing focus on green technology solutions. This includes renewable energy sources, energy-efficient technologies, and sustainable materials.

STUDENT FOCUS

I MCA II Semester 195 students are attended Campus recruitment Training (CRT) program on 15-04-2024 TO 20-04-2024

II MCA III Semester 65 students are attended Summer Training program on "Python, Fundamentals of Data Science, Aptitude, Soft skills" By TPC from 06-05-2024 to 18-05-2024

I MCA II Semester 195 students are attended Campus recruitment Training (CRT) program on 24-06-2024 TO 06-07-2024

The MCA First Mid exams will be held from May 14, 2024, to May 18, 2024.

Dance practice for students is not just about learning steps; it's a fun and energetic way to exercise! Imagine moving to the beat of lively music, feeling the rhythm in your body, and letting loose. Our extra dance classes are designed to keep

you fit while having a blast. Each session starts with a warm-up that gets your heart pumping and muscles ready. Then, we dive into learning cool dance routines that make you feel like a star. The best part? You don't need to be a pro to join in; everyone is welcome, and we all learn together.

As you practice, you'll improve your coordination, balance, and flexibility. Plus, dancing with friends makes it even more enjoyable and social. By the end of each class, you'll feel invigorated and accomplished. So, put on your dancing shoes and get ready to groove with us!

- 193 students participated in the NPTEL examination on 21-04-2024, with an impressive 70% overall passing rate.
- MCA electrified the campus with a thunderous celebration marking the arrival of fresh talent on JAN 08-01-2024.
- MCA Students are commemorating the Farewell Party on 13-04-2024 with grandeur and jubilation.

FACULTY FOCUS
PUBLICATIONS (Faculty & Students)

LIST OF PUBLICATIONS IN INTERNATIONAL JOURNALS:

- "Suicidal Ideation Detection: A Review of Machine Learning and Application" by Thirluka Bala Nandini, Teki Avinash, Yampati Thriveni, and B.N.V. Udhaya Lakshmi in *Positif Journal*, ISSN: 0048-4911, Vol.24 &02-2024, Pages: 50-64.

- "Privilege Escalation Attack Detection and Mitigation in Cloud Using Machine Learning" by Ontipuli Ankamma Rao, Mahamkali Leela Sai, Nekkanti Jagadeesh, and Vndavalli Mahesh Babu in *Science & Technologies*, ISSN: 1005-0299, Vol.23 &02 Feb 2024, Pages: 116-125.

- "Transfer Learning Based Lightweight Ensembled Model from Imbalanced Breast Cancer" by Thorlikonda Lakshmi Haripriya, Valluri Sai Prasanna, Vattem Siva Sindhu, and B.N.V. Udhaya Lakshmi in *Science & Technologies*, ISSN: 1005-0299, Vol.23 &02 Feb 2024, Pages: 38-45.

- "Short-Term Delay Time Prediction in Freight Rail Operations Using Data-Driven Models" by Shaik Riyaz, Perikala Sandeep, Segu Anusha, and Cheerala Sravan Kumar in *Positif Journal*, ISSN: 0048-4911, Vol.24 &02-2024, Pages: 01-09.

- "Predictour: Predicting Mobility Patterns of Tourists Based on Social Media Users Profiles" by Mandava Manoj Kumar, Mithinti Naga Rukmini, Kakumanu Charishma, and Vndavalli Mahesh Babu in *Positif Journal*, ISSN: 0048-4911, Vol.24 &02-2024, Pages: 37-49.

- "Detection of Cyberbullying on Social Media Using Machine Learning" by Sireesha Yemineni, Pavithra Udatha, Sivadeepika Uppu, and B.N.V. Udhaya Lakshmi in *Positif Journal*, ISSN: 0048-4911, Vol.24 &02-2024, Pages: 01-09.

- "Emotion Based Music Recommendations System Using Wearable Physiological Sensors" by Bonagiri Kiranmai, Jyothi Bommisetty, Prasanna Bolisetti, and Dr. Kapu Nageswara Rao in *Positif Journal*, ISSN: 0048-4911, Vol.24 &02-2024, Pages: 01-06.

- "Improving Shopping Revenue by Real-Time Customized Digital Coupon Issuance" by Annapureddy Naveen Kumar Reddy, Dudekula Mastanavali, Duggireddy Silpa, and Dr. Kapu Nageswara Rao in *Science & Technologies*, ISSN: 1005-0299, Vol.23 &02 Feb 2024, Pages: 146-154.

- "Pain Recognition with Physiological Signals Using Multi-Level Context Information" by Bandrupalli Ushasri, DuggireddyLakshminarasamma, Garapati Gopi, and Dr. Kapu Nageswara Rao in *Science & Technologies*, ISSN: 1005-0299, Vol.23 &02 Feb 2024, Pages: 107-115.

- "AI Based FAQ Chatbot with Voice Assistance" by Ravi Teja Yemineni, Chandu Uppu, Soma Satya Deepak Bomma, and B.N.V. Udhaya Lakshmi in *Positif Journal*, ISSN: 0048-4911, Vol.24 &02-2024, Pages: 01-11.

- "A Two-Fold Machine Learning Approach to Prevent and Detect IoT Botnet Attacks" by Donthireddy Rajashekhar Reddy, Akula Govindaiah, Balijepalli Pavithra, Gonam Navya Sri, and Dr. Kapu Nageswara Rao in *Positif Journal*, ISSN: 0048-4911, Vol.24 &02-2024, Pages: 74-79.

- "Secure Carpooling Service Based on Consortium Blockchain" by PelluriSaidivya, Kundeti Anil Kumar, and Mr. Modadugu Sai Yaswanth in *Positif Journal*, ISSN: 0048-4911, Vol.24 &02-2024, Pages: 01-10.

- "Proposal of SVM Utility Kernel for Breast Cancer Survival Estimation" by Shaik Apsana, Govindapuram Vijetha, PeddakotlaLourdu Rani, and Modadugu Sai Yaswanth in *Science & Technologies*, ISSN: 1005-0299, Vol.23 &02 Feb 2024, Pages: 492-498.

- "Traffic Rules Violation Detection Using Deep Learning" by Pujala SVNL Thriveni, Polamreddy Vyshnavi, Shaik Shabana, and Cheerala Sravan Kumar in *Positif Journal*, ISSN: 0048-4911, Vol.24 &02-2024, Pages: 65-73.

- "A Deep Learning Ensemble with Data Resampling for Credit Card Fraud Detection" by Nagandla Gopi Krishna, NavvalaSaiteja, Kompala Syam, GudetiBujji, and Vndavalli Mahesh Babu in *Positif J---ournal*, ISSN: 0048-4911, Vol.24 &02-2024, Pages: 01-09.

- "A Deep-Learning Based Efficient Firearms Monitoring Technique for Building Secure Smart Cities" by Shaik KhajaValli, Shaik Ghan Saida, Shaik Bellamkonda Imran, and Cheerala Sravan Kumar in *Positif Journal*, ISSN: 0048-4911, Vol.24 &02-2024, Pages: 20-28.

- "Model Selection of Hybrid Feature Fusion for Coffee Leaf Disease Classification" by Shaik Reshma, SattuluriSnowhi, PurniVenkateswarlu, and Cheerala Sravan Kumar in *Positif Journal*, ISSN: 0048-4911, Vol.24 &02-2024, Pages: 01-08.

- "Propounding First Artificial Intelligence Approach for Predicting Robbery Behavior Potential in an Indoor Security Camera" by Shaik Subhani, Gontu Tirumala Sainadh Reddy, Tanneeru Anil, and Modadugu Sai Yaswanth in *Science & Technologies*, ISSN: 1005-0299, Vol.23 &02 Feb 2024, Pages: 20-28.

- "A Deep Learning-Based Efficient Firearms Monitoring Technique for Building Secure Smart Cities" by Pujala SVNL Thriveni, Polamreddy Vyshnavi, Shaik Shabana, and Cheerala Sravan Kumar in *Science & Technologies*, ISSN: 1005-0299, Vol.23 &02 Feb 2024, Pages: 20-28.

- "Autonomous Landing Scene Recognition Based on Transfer Learning for Drones" by Paleti Kamal, Nagandla Srilatha, Mundru Manjula, and Vndavalli Mahesh Babu in *Positif Journal*, ISSN: 0048-4911, Vol.24 &02-2024, Pages: 80-85.

- "Identifying the Gender of Human Cyber Attackers Using ML Techniques" by Mullamuri Sravani, Karasala Swarupa, Kondaveeti Sandhya, and Vndavalli Mahesh Babu in *Science & Technologies*, ISSN: 1005-0299, Vol.23 &02 Feb 2024, Pages: 29-32.

- "Traffic Rules Violation Detection Using Deep Learning" by Pujala SVNL Thriveni, Polamreddy Vyshnavi, Shaik Shabana, and Cheerala Sravan Kumar in *Positif Journal*, ISSN: 0048-4911, Vol.24 &02-2024,

FDPS ATTENDED:

- B.N.V.Udaya Lakshmi completed the MathWorks workshop "MATLAB Essentials" and received a valid certificate with ID c1cf62835782437bb27e47f4b7e31941 on 01-05-2024. She achieved a score of 86 in the course "CS109x: Introduction to Data Science with Python". AND

  This certificate acknowledges that B N V UDAYA LAKSHMI actively engaged in the Faculty Development Programme recognized by AICTE. The program focused on NSQF Aligned Skill Development and was conducted by the Curriculum Development Centre Department. B N V UDAYA LAKSHMI's participation was from 19/02/2024 to 23/02/2024, spanning a duration of one week.

- M.Sai Yaswanth completed the MathWorks workshop "MATLAB Essentials" and received a valid certificate with ID c1cf62835782437bb27e47f4b7e31941 on 27-04-2024.

- M.Sai Yaswanth completed the MathWorks workshop "MATLAB Essentials" and received a valid certificate with ID 2f1b5b9b92d6489d978cf65920e095f5 on 30-04-2024.

- N. Yogachandana completed the MathWorks workshop "MATLAB Essentials" and received a valid certificate with ID 17a3de0e6d214ac395356cec07fa0c5b on 07-05-2024. She scored 95 in the course "PY0101EN: Python Basics for Data Science".

Toppers from II MCA III Semester(2022 Batch)

| SHAIK APSANA | YEMINENI SIREESHA | D. RAJASHEKHAR |
| 22471F0065 | 22471F0063 | 22471F0010 |

Toppers from I MCA I Semester(2023 Batch)

Vision

| D. JYOTHI | B. ANITHA | K.SWAPNA KUMARI |
| 23471F00E4 | 23471F0005 | 23471F0026 |

ALUMNI VOICE

Discovering the optimal path to success at precisely the opportune moment holds immense significance, and in pursuit of this, I decisively chose NEC. The nurturing ambiance, coupled with NEC's methodical approach to education, hasempowered me remarkably. The faculty members Exhibit unparalleled kindness and accessibility whenever assistance is sought. At NEC, we are meticulously groomed for our Professional endeavour's, a preparation that directly resulted in my placement with a prestigious company for my internship.

GADIRAJU MANOJ VARMA

STUDENT VOICE

I am immensely proud to be a part of this department. The Department of MCA has achieved remarkable strides in its academic, research, and placement endeavour's. It offers a diverse array of meticulously crafted programs, continuously refining their curricula to align with the dynamic demands of the industry and cater to the discerning needs of our esteemed stakeholders.

BANDARUPALLI USHASRI

TRAINING AND PLACEMENT CELL

We Train, You Excell

Vision

"To impart necessary training to our students to meet the expectations of the Industry and to achieve 100% placement by providing them adequate job opportunities."

The Central Training and Placement Cell are committed to the professional progress of NEC students through integrating the career issues within an academic environment for realizing their best possible career path.

Mission

Mission of T&P cell is to provide opportunities for Industry oriented training to all students, impart appropriate training to students for making them Industry ready, guide them for higher studies & motivate them to become entrepreneur instead of job seekers.

About NEC TPC: Training & Placement Department is the most crucial part which plays an important role in providing opportunities to the student by arranging campus Interviews. In NEC, the TPC is highly supported by its teaching faculty of various departments.

SNO	COMPANY NAME	DATE	SELECTS	SALARY
1	RINEX Technologies	4-Jan-24	23	520000
2	Movate	29-Jan-24	2	250000
3	Indosol Solar	31-Jan-24	1	240000
4	ITC LTD	2-Feb-24	10	420000
5	NGLOME	3-Feb-24	2	216000
6	TCS	9-Feb-24	12	3670
7	INDO MIM LTD	16-Feb-24	1	330624
8	SAVANTIS SOLUTIONS	17-Feb-24	60	222000
9	EXCEL R	29-Feb-24	21	400000
10	Surya Tech Solutions	16-Mar-24	73	25640
11	TVS Sundram Fasteners	30-Mar-24	60	192096
14	LOGSKIM	8-Apr-24	54	175000
15	CWAY Engineering Exports	28-Apr-24	4	150000
16	Keerthana Finance	04-May-24	9	240000
17	Quadrant Technologies	06-May-24	1	250000
18	Gen Technologies	17-May-24	2	250000

NSS ACTIVITIES

Dr. M.V.Reddy addressing the students to take precautionary measures against eye diseases in a Free Eye Check-Up Camp organized by NSS Unit in our college on 04-01-2024.

Our college NSS Unit organized a Declamation Contest (Elocution Competition) as a part of Vikasit Bharat Program in co-ordination with Nehru Yuva Kendra, Guntur in our premises on 09-01-2024

Our college NSS Unit organized a Blood Donation Program in co-ordination with Palnadu Blood Centre, Narasaraopet on 02-2-2024 in campus premises

Dr. Bhaskara Lakshmi and Dr.J.Srujana (American Ancology Institute, Mangalagiri) addressing the students to take measures against Cancer diseases on the eve of World Cancer DayProgram conducted by our NSS Unit in co-ordination with Women Empowerment Cell on 22-02-2024 in campus premises.

Hon'ble Principal Dr.M. Sreenivasa Kumar felicitating Dr. J.Srujana (American Ancology Institute, Mangalagiri) and Dr.Bhaskara Lakshmi with shawl and mementos.

Hon'ble Palnadu District Collector, Sri.L.Siva Sankar Garu motivating the students to achieve their goals on the inauguration of Liberty Foundation Program conducted in college premises on 29-02-2024.

Dr. HariIppanapalli, Chairman of Liberty Foundation, Hyderabad addressing the students to be passionate in realizing their dreams in the session.

Sri. Kunaisetty Janardhan Guruji explaining the importance of Yogasanas in our daily life on the eve of International Day of Yoga Celebration on 21-06-2024.

Students active participation in Yogasanas

Felicitation to K. Janardhana Guruji with shawl and memento.

Hon'ble Excise Superintendent, Special Enforcement Bureau, Sri.Sk.KhajaMohiddin, addressing the students the impact of drugs usage on their career on the eve of International Day Against Drugs Abuse and Illicit Trafficking on 26-06-2024 in campus premises.

As part of the 75th Republic Day Celebrations, the march fast by our 05-NCC Coy NCC Cadets in a Ceremonial Drill organized under the leadership of Chairman Mr. Mittapalli Venkata Koteswara Rao garu in our college Premises

Honourable Chairman Mr. Mittapalli Venkata Koteswara Rao garu attended the program organized by Honorable Principal Dr.M.Sreenivasa Kumar to pay Tribute to the Brave Jawans who died in the Pulwama Terror Attack

Honourable Chairman Mr. Mittapalli Venkata Koteswara Rao garu and Honorable Principal Dr. M.Sreenivasa Kumar were present with NCC Cadets.

29 Cadets from Our College Attended the NCC B-Certificate Exams held in February 2024 and 29 passed. 14 of them got A-grade and 15 got B-grade. It is noteworthy that NEC College has achieved 100% pass for the Second Year in a Row.

10 Cadets from Our College Attended the NCC C-Certificate Exams held in March 2024 and 08 passed. Generally it is very tough exam in the NCC, 04 of them got B-grade and 04 got C-grade.

For the First Time Four Cadets from our college attended the Republic Day Parade organized by the State Government. The Honorable Governor of the State, Chief Ministers, Ministers and dignitaries from various departments from all over the State were present as the chief guests for this ceremony.

We are thrilled to announce that Our Very Own NCC cadets have made us proud by qualifying for the Service Selection Board (SSB) Special Entry Scheme's 5 Steps Interview, bypassing the traditional written tests. Out of 170 candidates from the Chirala Army unit, only nine were selected, and remarkably, six of them are from our college! Today, they received their eligibility documents, marking a significant milestone in their journey towards serving our nation.

For the First Time Four Cadets from our college attended the Republic Day Parade organized by the State Government. The Honorable Governor of the State, Chief Ministers, Ministers and dignitaries from various departments from all over the State were present as the chief guests for this ceremony.

Senior Cadet CQMS B.Bhavani Varaprasad Naik, who stood as the Best Cadet in Guntur Group, was receive a cash prize and an award by the hands of Guntur Group Commander Colonel S.M Chandrashekar garu.

Assistant Collector of Palnadu District Ms. K.R.Kalpashree garu explaining to the students the role of youth in elections and the importance of exercising the right to vote. Narasaraopet Rural Circle Inspector Mr. Mallikarjuna Rao Garu and College NCC Officer Medikonda Rajesh Babu and cadets participated in the program.

NEC College NCC Cadets who Once Again Proved that They Are Always Ahead in Public Service by Providing Queue Line Management and Helping Disabled and Old People as part of General Election Duties-2024.

Congratulations to Our Stellar Cadet, L/CPL K. Dileep Kumar, a third-year EEE student at Narasaraopeta Engineering College, who has excelled as the Topper of the 23(A) BN NCC in the B-Certificate Examination held in February 2024

Congratulations

Our Cadet L/CPL.K.DILEEP KUMAR for standing as the 23(A) BN NCC Topper in the B-Certificate Examination held in Feb-2024

L/CPL.K.Dileep Kumar

Total Appeared : 29 | A-Grade : 14
Total Passed : 29 | B-Grade : 15

As part of the JNTUK University's Academic Curriculum, NCC has been included as a Core Subject for Engineering Students from the Academic Year 2023-24. Viva was conducted for the students as part of the first semester. 23rd Andhra Battalion Subedar Major Satyendra Singh, NCC Officers Major BSRK Raju garu and Medikonda Rajesh Babu participated.

Junior cadets organized a Grand Farewell to their Legendary Seniors who completed the 3-year NCC course from Our College. Palanadu District Assistant Collector Mrs. K.R. Kalpashree garu and Principals Dr. M. Sreenivasa Kumar and Dr. J.N. Suresh Kumar garu attended the program and addressed the program.

Air Commodore V. Madhusudana Reddy, Deputy Director General, Head of N.C.C, AP and TS States visited NEC College along with ADG Col.Sanjay Guptha and Guntur Group Commander Colonel S.M.Chandrashekar. College Chairman Mittapalli Venkata Koteswara Rao, Principal Dr. D. Sunil gave a warm welcome. He interacted with cadets and inquired about their achievements in NCC.

Our NEC College NCC Cadets Won Prizes in many Categories (like Group Dance, Ballet, Flag Area, Long Run and Camp Gen. Administration) in the competitions conducted at the ATC-VI NCC camp in Bapatla Suryalanka.
Camp Commandant Colonel Sunil Gautam and Dy. Camp Commandant Colonel Renjith distributed prizes to the winners

NCC ACTIVITIES

Once a Cadet Always a Cadet

Our NEC College NCC Cadets Won Prizes in many Categories (like Group Dance, Flag Area, Guard of Honor and Camp Gen. Administration) in the competitions conducted at the CATC-IV NCC camp held at Bapatla Suryalanka.

Camp Commandant Colonel Sunil Gautam sir distributed prizes to the winners.

Our NCC Cadets own prizes in many categories conducted in CATC-IV 5 districts NCC Camp held at Airforce Station Bapatla

NARASARAOPET ENGINEERING CO.

Congratulations

Our Cadet P. GEETHA SAI SRIVALLI won Bronze Medal in State Level TSC Firing Selections of AP & TS Dte. of NCC.

Cadet P. Geetha Sai Srivalli
B.Tech., I Year - CSE

In the firing selections conducted as part of the TSC-IGC Selection Camp of Two Telugu States held in Anantapur from July 1st to 10th, Cadet P.Geetha Sai Srivalli, studying first year of engineering at Narasaraopet Engineering College won the Bronze Medal by showing excellent talent and Additional Director General of AP & T NCC Dte. Col.Sanjay Guptha. Awarded the medal to the winner.

SankranthiSambaraalu

National Voters Day

Libarty Foundation Day

Jubliation 2k24

Womens Day