NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)

NEC WAVES

A News Letter of

NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)

EAMCET - Code: NSPE | PGECET - Code: NSPE

Approved by AICTE, Affiliated to JNTUK, Kakinada, Accredited by NBA, Accredited by NAAC with 'A+' Grade
NIRF Ranking (251-300 Band), An ISO 9001:2015 Certified Institution
Kotappa Konda Road, Yallamanda (PO), Narasaraopet - 522601, Palnadu (Dist), Andhra Pradesh

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Prof. D. Narasimha Reddy, Vice-Chancellor, JNTU Hyderabad, Dr. G.V.R. Prasada Raju, Vice-chancellor, JNTUK, Kakinada, NEC Chairman, Vice-Chairman, Director, Secretary & Principal Lightning lamp on the occasion of Graduation Day - 2K22 on 17th September, 2022

Dear Readers,

An American author and a famous motivational speaker Jim Rohn says "For every disciplined effort, there are multiple rewards". It has become true in the case of Narasaraopeta Engineering College. NAAC peer team (Dr.Vaidehi Vijayakumar, Chairperson, Dr.Dharmendra Sharma Co-Ordinator and Dr.Parkshit Singh, Member) visited on the 4th and 5th of July 2022. With the team work of Management, Staff Members and the Principal, the college has received NAAC A+ Grade on 12th July 2022. Having NAAC A+ Grade is an honour because very few institutions have received an A+ grade. On the 14th July JNTUK approved Research Centres for ME, CSE & ECE branches which add another feather in to the cap of NEC. On 15th July 2022 NEC has got NIRF rank band with 251-300.

An old adage says "Success is dependent on effort". On 18th August 2022 APSCHE has recognised the eminence of NEC and felicitated Dr.M.Sreenivasa Kumar, Principal of NEC for receiving the prestigious NAAC A+ Grade.

"With hard work and efforts one can achieve anything" says Antonie Griezmann. Dr. Sreenivasa Kumar, Principal of NEC has received prestigious Bheeshma Charya Award from Bharat Educational Excellence on 4th Sep 2022 from APSCHE Chairman Dr .K. Hemachandra Reddy at Andhra University, Visakhapatnam. He has also received Best Teacher Award from the District Collector, Palnadu District On 5th September 2022.

Graduation Day was celebrated on 17th Sep 2022 with e great enthusiasm. 625 students received their Degree certificates. Students and Parents came to college from different parts of the country to cherish the proud moments. Prof.D.Narasimha Reddy former V.C. JNTUH was the Chief Guest, Prof.G.V.R.Prasada Raju V.C. J.N.T.U.K. was the Guest Of Honour, Lt. Col. Dr.V.Rajendra Prasad Founder & C.E.O Drevcare Pvt . Limited was the Special Guest to this programme.

Mano Vignana Yatra team visited NEC campus on 7th December 2022. Sudheer Sandra, Psychologist & Career Counselor, Ravi Kumar Sagar Founder & CEO R.K.IAVO group motivated the students with innovation ideas.

NCC plays a significant role in bringing discipline among the students. Even the girls students are inspired and want to join NCC. So the Principal and officials have encouraged them. 12 girls students joined in NCC. NCC Formation Day was observed in NEC on 27th Nov, 2022. Col. Sunil Gowtham, Commanding Officer 23(A) Bo. NCC, Chirala and Sri Bhaktavatsala Reddy C.I. (Rural Police Station, N.R.T) were the guests on the occasion.

A National Level Workshop was conducted by NEC on 30-11-2022 on Entrepreneurship and Innovation as career opportunity, Dr.M.Sreenivasa Kumar, Principal of NEC was the Resource person.

Orientation Day 2022 programme was conducted on 5th December 2022. Dr.Rama Mohan Rao, Vice-Chairman, APSCHE and Y.Siva Sankar Reddy S.P. Palnadu District were the guests to this programme.

The team work of the faculty & staff members, the wise guidance of the Principal and the service motto of the Management makes the institution reach acme in achieving the academic excellence.

-----Editor

Principal's Desk



Dr. M. Sreenivasa Kumar, Principal

It is a matter of great pride and satisfaction for Narasaraopeta Engineering College to bring out the Newsletter "NEC WAVES" Released for the period July 2022 to Dec 2022. The College has made tremendous progress in all areas academic, non-academics, capacity building relevant to staff and students. The College has achieved another milestone in getting NAAC A+ (CYCLE 2). it is a matter of great pride that the institute is ranked in NIRF one among the 300 best engineering colleges in the country Rank Band 251 -300. The college already achieved NBA accreditation Tier -1 for CSE and ECE programs. This illustrates positive performance and quality standards we maintain in Teaching, Research, Employability, and Innovation. The college believes in 'fuelling the quest for knowledge which ensures individual professional success, which culminates in benefiting the Society.

I'm glad to signify that with commencement of this year 2022, Narasaraopeta Engineering College has completed 25 grand years of its establishment. The inspiration and commitment of our Management to continuous improvement and the hard work of the faculty members towards the overall growth of our students ensures that every student passing out of our college will taste the success in any sphere of life they choose to work.

I congratulate the Editorial Board of this News Letter who have played wonderful role in accomplishing the task.

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.



NAAC Peer Team Visited NEC on 04th & 05th July, 2022



Department of Civil Engineering

Dreamt it We Built it!



Vision

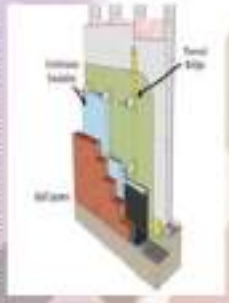
- To be knowledge hub with state of art infrastructure and imbibe skills of advanced technologies in the field of Civil engineering with a focus on research and sustainable development for the benefit of society.

Mission

- To provide infrastructure and Train the students as technologically motivated Civil engineers and researchers who can serve the society competently.
- To provide experienced and dedicated faculty for nurturing successful civil engineering professionals for Industry and allied fields.
- To ignite innovative thinking, entrepreneur skills among students with ethical values.

New Trends in Technology

The demand for efficient insulation material is becoming crucially important throughout the construction industry.The heat through walls tends to cross directly through the building envelope, be it masonry, block, or stud frame, to the internal fascia such as drywall.This process is called "thermal bridging". Aerogel, the Nasa technology developed for cryogenic insulation, is considered one of the most effective thermal insulation materials, and US spin-off The rmablok has adapted it using a proprietary aerogel in a fiberglass matrix. This can be used to insulate studs, which can considerably increase the overall wall R-value (an industry measure of thermal resistance) by more than 40 percent.



Kinetic Roads

The utility of kinetic energy potential in roadways is explored by Italian startup Underground Power. The company has developed a technology called Lybra, a tire–like rubber paving that converts the kinetic energy produced by moving vehicles into electrical energy.
This technology is developed in collaboration with the Polytechnic University of Milan, Lybra operates on the principle that a braking car dissipates kinetic energy.
This new cutting–edge technology is able to collect, and convert kinetic energy into electricity and pass it on to the electricity grid also for improving road safety, the device upgrades and promotes sustainability of road innovation in construction.



Faculty Focus

Premsai Jagdish, N.M.Subhani published a paper titled "Seismic Evaluation of RC Framed Building (G+10) Using Shear Failure Model" in The International journal of analytical and experimental modal analysis, Volume XIV, Issue XI, and November/2022, 1327-1325.

Billapati Venu Babu, N. Mahaboob Subhani published a paper titled "Seismic Response of R.C.C High Rised Buildings in Different Zones with Location of Shear Wall" in The International Journal of Analytical and Experimental Modal Analysis, Vol: Volume Xiv, Issue X, and October/2022Page: 768-773.

Chinta Lakshmi Venkata Prasanna Sai Kumar, k. Meghanadh, published a paper titled "Study on Strength Properties of Concrete by Replacement of Cement by Egg Shell, Rice Husk Ash and Fly Ash" in Journal of Interdisciplinary Cycle Research, Volume Xiv, Issue X, and October/2022, 519-525.

Kurapati Naveen Kumar, k.Jeyavignes published a paper titled "Seismic Response Of (G+5) And (G+10) R.C.C Building With Floating Column In Different Zones" in Journal Of Interdisciplinary Cycle Research, Volume Xiv, Issue Xi, November/2022,727-734

Raya Sairam Reddy, k.Jeyavignes published a paper titled 'Strength and Durability Properties of Self compaction Concrete", in The International Journal of Analytical and Experimental Modal Analysis, Volume XIV, Issue XI, November/2022, 1336-1342.

P.Akash, Dr.P.Naga Sowjanya presented "Estimation and Scheduling of Road Networks by Using Primavera P6", in NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2022.

K.V.Brahhamachari, N.M.Subhani presented "Manufacturing of plastics and brick by using foundry waste and plastic waste", in NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2022.

SK.M.Jani Basha,K.Anil kumar presented "Assessment of Ground water quality of Palnadu Region ", in NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2022.

D.Arunbabu, N.M.Subhani presented "Partial replacement of coarse aggregate with over burned bricks", in NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2022.

G.Joseph kumar,M.N.S.Sambasiva Rao presented "Design and Analysis of pipe Network system by using EPANET", in NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2022.

V.Rohith,,M.N.S.Sambasiva Rao,V.Venu Babu presented "Ground water modeling by using MODFLOW SOFTWARE for santhinagar ", in NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2022.

A.Manikanta Reddy.K.Anil kumar presented "Evaluation of Groundwater Quality and Sqi in the Zones of Limestone", in NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2022.

A.Manoj sai kumar,K.Meghanadh presented "Experimental Study On Strength Of Concrete By Replacement Of Cement With Metakaolin" in NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2022.

R.Guru sai kumar,Jeya vignes.K presented "Factors affecting on construction delay" in NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2022.

I.Hasmitha,Dr.I.Chandrasekhar Reddy presented "Investigating the performance of fly ash and GGBS based geo polymer concrete" in NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2022.

P.Jilani,DR.P.Naga Sojanya presented " 3D Modelling of NEC Civil block using Revit and QGIS" in NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2022.

D.Sai Teja, K.Meghanadh presented "Partial Replacement of a Cement by Glass Powder in Concrete" In Nec-Icetce, organized by Civil Engineering Department at NEC from 6-7 August 2022.

N.Srinivasa Rao,M.Ramesh Babu presented "Study on partial replacement of paper mill sludge and waste water sludge in concrete" In Nec-Icetce, organized by Civil Engineering Department at NEC from 6-7 August 2022.

S.Naga Sandeep, Dr.I.Chandrasekhar Reddy presented "Evaluating the Performance Comparison between Green Concrete & Geopolymer Concrete" in NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2022.

K.Priyanka,V.Suresh,K.Naga Venu Gopal presented "Evaluating The Performance Of Fiber in Road Concrete" In NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2022.

A.Gopi Krishna,K.Meghanadh presented "Partial replacement of coarse aggregates by coconut shell s " in NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2022.

B.Venu Babu,N.M.Subhani presented "Seismic Resistance of High Rise Buildings in Different Zones with location of Shear Walls " in NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2022.

Ch.Laksmi venkata prasanna sai Kumar A.L.Prasanna presented "Study on Strength Properties of Concrete by Replacement of Cement by Egg Shell, Rice Husk Ash and Fly Ash" in NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2022.

S.Mabeswari, K.Meghanadh presented "Behaviour of Concrete by the Partial Replacement of Fine Aggregate with Sawdust and Cement with Alccofine1203" in NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2022.

P.Kalyan Kumar, K.Meghanadh presented "Study on Strength Properties of Concrete by Replacement of Cement with Ggbs and Marble Powder with Some Fibree" in NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2022.

B.China Kondiah,Jeya vignes.K presented "Comparative study on strength properties of self-compacting concrete" in NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2022.

Sairamreddy raya,Jeya vignes.K presented "Strength and durability properties of self-compacting concrete" in NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2022.

Anusha.K,N.M.Subhani presented "Influence of metakaolin in concert as partial replacement of cement " in NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2022.

Prem Sai Jagadish Batchu,N.M.Subhani presented "Seismic Evaluation of RC Framed Building Using Shear Failure Model" in NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2022.

Srikanth kethavarapu , K.Meghanadh presented "A Report On Influence Of Quarry Dust On Behaviour Of Self-Compacting Concrete" in NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2022.

Shaik Ansari Jani Begum, K Meghanath presented "Partial Replacement of Cement with Rice Husk Ash and Waste Tyre Rubber as Coarse Aggregate" in NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2022.

Anil kumar K. Manikanta reddy A presented "Manufacturing of Bricks from Black Cotton Soil by Using Plastic as Stabilizer" in NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2022.

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

Dr.P.Naga Sowjanya Attended FDP on Mangerial Skills for Technical Teachers & Administrators (26th – 30thof September 2022) in Association with National Institute of Technical Teachers Training and Research, Chandigarh.

Dr.P.Naga Sowjanya Attended FDP on Outcome based Education (19th – 23rdof September 2022) in Association with National Institute of Technical Teachers Training and Research, Chandigarh

K.Anil kumar Attended FDP on Nanosensors and Devices during (22nd – 26th of August 2022) in Association with National Institute of Technical Teachers Training and Research, Chandigarh.

N.M.Subhani Attended FDP on Nanosensors and Devices during (22nd – 26th of August 2022) in Association with National Institute of Technical Teachers Training and Research, Chandigarh.

N.M.Subhani Attended FDP on Funding Opportunities in Engineering during (14th – 18th of November 2022) in Association with National Institute of Technical Teachers Training and Research, Chandigarh.

Koppula Meghanadh Attended FDP on Nanosensors and Devices during (22nd – 26th of August 2022) in Association with National Institute of Technical Teachers Training and Research, Chandigarh.

Koppula Meghanadh Attended FDP on concrete Mix Design-New directions during (10th – 14th of August 2022) in Association with National Institute of Technical Teachers Training and Research, Chandigarh.

Koppula Meghanadh Attended FDP on Design of Reinforces Cocrete structures during (July-October 2022) by NPTEL-AICTE.

M.N.S.Sambasiva Rao Attended FDP on Nanosensors and Devices during (22nd – 26th of August 2022) in Association with National Institute of Technical Teachers Training and Research, Chandigarh.

M.N.S.Sambasiva Rao Attended FDP on Essesntial Industrial Chemistry for Engineers" during (05th – 09th September 2022) in Association with National Institute of Technical Teachers Training and Research, Chandigarh.

Jeya Vignes Attended FDP on Essesntial Industrial Chemistry for Engineers" during (05th – 09th September 2022) in Association with National Institute of Technical Teachers Training and Research, Chandigarh.

Jeya Vignes Attended FDP on construction Management during (19th – 23rd September 2022) in Association with National Institute of Technical Teachers Training and Research, Chandigarh.

Jeya Vignes Attended FDP on Nanosensors and Devices during (22nd – 26th of August 2022) in Association with National Institute of Technical Teachers Training and Research, Chandigarh.

Jeya Vignes Attended FDP on Funding Opportunities in Engineering during (14th – 18th of November 2022) in Association with National Institute of Technical Teachers Training and Research, Chandigarh.

K.Anji Reddy Attended In FDP on "Ground motion modelling and Response Computations in Earthquake Engineering" organised by Department of Civil engineering ,NIT Warangal on 04-13th August.

Mr. J. Manoj Kumar Attended FDP on Nanosensors and Devices during (22nd – 26th of August 2022) in Association with National Institute of Technical Teachers Training and Research, Chandigarh.

Mr. J. Manoj Kumar Attended FDP on Funding Opportunities in Engineering during (14th – 18th of November2022) in Association with National Institute of Technical Teachers Training and Research, Chandigarh.

Mr. J. Manoj Kumar Attended FDP on Essesntial Industrial Chemistry for Engineers" during (05th – 09th September 2022) in Association with National Institute of Technical Teachers Training and Research, Chandigarh.

Mrs.A.Laksmi Prasanna Attended FDP on Essesntial Industrial Chemistry for Engineers" during (05th – 09th September 2022) in Association with National Institute of Technical Teachers Training and Research, Chandigarh.

Student Focus

All the students of II&III Btech students attended Internships in various Organisations.

SNO	COMPANY NAME	NO. OF STUDENTS
1	Panchayat Raj.	14
2	NHAI	10
3	Lantek Engineering Consultancy	10
4	Presence Interiors	8
5	Municipality	22
6	Office Of Thasildar	1
7	Agile Arch Associates & Engineers	5
8	Neha Constructions	5
9	Gundathoti Reddy Mix Concrete	5
10	Ramky	4
11	Pri Division Office	2
12	Surasani Infra	2
13	KDM Engineering Pvt Ltd.,	5
14	Afcons Infrastructures Ltd.,	1
15	Tulasi Bhagya Nagar	1
16	Chabbras Associats	1
17	Srikara Builders	6
18	On Line	3
19	Stand Pro	3
20	APEWIDC	7
21	Power Grid Corporation Of India Ltd, 765 Kb	1

Students have actively participated in Ganesh idol model Preparation Program organized by NEC on the event of Ganesh Chaturdhi conducted on 30.8.2022.

Students have actively participated in Poster presentation Program organized by NEC on the eve of Innovation Day on Sri A.P.J.Abdul Kalam birth anniversary on 15.10.2022.





IV B.Tech,Civil-B ,K.Naga Yasaswini (20475A0123),Y.Naga Lakshmi Kumari (20475A0149) got Second Prize in in Poster presentation Program organized by NEC on the eve of Innovation Day on Sri A.P.J.Abdul Kalam birth anniversary on 15.10.2022.

IV B.Tech Civil-A ,P. Kishore (19471A0141) won the first Prize in Volley ball tournamnet organized by NEC, Narasaraopet on 29/8/2022.





IV B.Tech Civil-A ,P.Kishore (19471A0141) & Civil-B ,N.Sasi Kumar (20475A0119) won the first Prize in Volley ball tournamnet organized by Nehru Yuva Kendra-Guntur, Andhra Pradesh at Krishnaveni Degree College, Narasaraopet on 28/12/2022.



IV B.Tech civil-A, P.Govardhan (19471A0144) & Civil-B, T.Chandra Naga Akhil Placed in AMAR RAJA industries with RS. 3.25LPA interviews held in NEC on 27.12.2022

Important Activities held in the Department

Civil Engineering Department has organized two days International conference on "ICETCE 2K21" conducted by Department of Civil Engineering, Narasaraopet Engineering College (Autonomous) Narasaraopet from 6-8-2022 to 7-8-2022.



Important Activities held in the Department

Civil Engineering Department organized the Engineers day event on the occasion of Sir M.Viseswarayya garu on his birth Anniversary on 15.09.2022.





Industrial Visit



Civil Engineering Department managed a Industrial visit to Third B.Tech Civil Engineering Students to Srisailam project on 30-09-2022.

Alumni Interaction:



N.Manikanta Babu (18475A0127) shared his knowledge regarding job experience with IV B.Tech civil students.

S.Naga Sandeep (19475A0139) shared his knowledge regarding M.S. education with II B.Tech civil students.



Academic Toppers







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.

G.Satya Prakash
Batch (2018-2022)
Trainee Associate
Formanic, 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 & skill development programme) conducted to the students is really helpful to face global competition.

K.HEMANTH
20475A0110
IV 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 infrastructure to meet the needs of industry and Society.
- To assimilate innovation and research oriented culture to make successful professionals and entrepreneurs.
- To encourage lifelong learning with ethics among the students so as to make them as responsible individuals.

New Trends in Technology

BIOENERGY



Bioenergy is by far the largest renewable contributor to the transport and heating sectors, and also provides an important share of renewable electricity generation . In 2016 bioenergy supplied around 500 TWh of electricity, accounting for approximately 2% of global electricity generation with the total installed capacity reaching 110 GW. While over the period of 2010–2016 annual capacity additions were steady in the range of 5–7 GW per year, bioenergy only plays a prominent role in the electricity generation portfolios of a limited number of countries. Thus, in 2016 around 90% of all capacity was located in just 26 countries, which indicates that bioenergy is growing but not expanding strongly into a wider array of countries, in many cases despite biomass resource availability.

One of the major challenges of bioenergy within electricity production sector is relatively high cost of electricity generation and limited scope for lowering these costs due to general maturity of technology implemented. These technologies are mostly based on conventional power plant technologies like direct combustion of solid fuels or use of gaseous products of biomass within gas turbines or gas engines. Even combined in most of the cases with heat production, biomass electricity generation is still limited in improvements of project economics or technology.

Blockchain energy Management System



As the application of blockchain expends from the finance field to energy field, block chain technology provides a new opportunity for distributed energy systems. However, a distributed energy system based on blockchains allows any node in the whole network to read data. In many application scenarios, user privacy cannot be effectively protected, and there is a security problem that the attack cannot be traced. In this paper, we propose an energy management mode based on a permissioned blockchain for a renewable energy microgrid.

Faculty Focus:

International Journals:-

Dr.P.Lakshmanan has presented a paper on "High Step-up DC-DC converter using 3-Winding Transferomer & Soft-Switching for use in Photovoltaic Systems" in 3rd International Conference of Emerging Technology (INCET – 2022) during 27 – 05 -2022 to 29 -07 – 2022 at Jain College of Engineering, Belagavi, India.

FDPs Attended:-

Dr.P.LAKSHAMAN attended FDP on "Simulation of Smart Electric Vehicles" (in collaboration with Typoon HIL) during 18-07-2022 to 22-07-2022 organized by department of EEE, NITTTR, Chandigarh.

Dr.SK.MD.Shareef attended FDP on "Emerging Technologies in Electrical Engineering" from 28-11-2022 to 02-12-2022 organized by PACE Institute of Technology & Science, Ongole.

Dr.SK.MD.Shareef attended FDP on "Inculcating Universal Human Values in Technical Education" from 14-11-2022 to 18-11-2022 organized by AICTE New Delhi Institute of Technology & Science, Ongole.

Mr.P.D.V.S.K.Kishore attended FDP on "Battery-Super capacitor hybrid energy storage systems for Electric Vehicle" on 03-08-22 organized by Shrimitha Energy Solutions Private Limited.

Mr.G.Nagaraju attended FDP on "Power Electronics Applications to Smart Grid and Electric Vehicles" during 27-06-22 to 29-06-22 organized by Department of EEE, Anil Neerukonda Institute of Technology and Sciences (ANITS), Visakapatnam.

Mr.G.Naveen attended FDP on "Power Electronics Applications to Smart Grid and Electric Vehicles" during 27-06-22 to 29-06-22 organized by department of EEE, Anil Neerukonda Institute of Technology and Sciences (ANITS), Visakapatnam.

Mr.M.Chandra Sekhar attended FDP on "Power Electronics Applications to Smart Grid and Electric Vehicles" during 27-06-22 to 29-06-22 organized by department of EEE, Anil Neerukonda Institute of Technology and Sciences (ANITS), Visakapatnam.

Mr.G.Naveen attended and certified in week FDP on "Smart Grid & Micro Grids in Indian Context" from 20-06-22 to 24-06-22 organized by Department of EEE, MGIT, Hyderabad.

Mr.P.V.S.K.Kishore attended and certified in week FDP on "Smart Grid & Micro Grids in Indian Context" from 20-06-22 to 24-06-22 organized by Department of EEE, MGIT, Hydered.

Mr.Sk.Karimulla attended one week STTP through ICT mode "Assessment and Evolution" during 13-06-22 to 17-06-22 organized by NITTTR, Kolkata.

Mr.Chandra Sekhar attended FDP on "Recent Advances in Electrical Engineering" during 17-10-22 to 21-10-22 organized by department of EEE, in association with IEEE Annanthapuram Subsection and IEEE student branch of G.Pullareddy College of Engineering (Autonomous), Kurnool.

The following faculty members are participated in five day online FDP on" The role of artificial Intelligence in Renewable energy Application" from 01-08-22 to 05-08-22 organized by department of eee, kpr Institute of Engineering & Tech, Coimbatore, Tamilanadu,, India.

1. Dr.P.Lakshman.
2. Dr. SK.MD. Shareef
3. P.D.V.S.K.Kishore
4. G. Nagaraju
5. M. Chandra Sekhar
6. G. Naveen
7. Sk. Karimulla
8. Sk. Abdul Kalam
9. P. Bramarambhavathi
10. P. Naganjaneyulu

The following faculty members are participated & certified in one week online FDP on "Nano Sensors & devices" from 22-08-22 to 26-08-22 organized by department of mechanical engineering in association with NITTTR, Chandigarh.

1. Dr. SK.MD. Shareef
2. P.D.V.S.K.Kishore
3. G. Nagaraju
4. M. Chandra Sekhar
5. G. Naveen
6. Sk. Abdul Kalam
7. P. Bramarambavathi
8. P. Naganjaneyulu

The following faculty members are participated & certified in one week online FDP on "Energy Harvesting and Storage Material & Devices" from 12-09-22 to 16-09-22 organized by department of mechanical engineering in association with NITTTR, Chandigarh.

1. P.D.V.S.K.Kishore
2. G. Nagaraju
3. G. Naveen
4. k.Karimulla
5. Sk. Abdul Kalam
6. P. Naganjaneyulu

The following faculty members are participated & certified in one week online FDP on "Managerial Skills for Technical Teacher and Administrators" from 26-09-22 to 30-09-22 organized by IQAC & Department of Mechanical Engineering in association with NITTTR, Chandigarh.

1. Dr.P.Lakshman.
2. Dr. SK.MD. Shareef
3. P.D.V.S.K.Kishore
4. G. Nagaraju
5. M. Chandra Sekhar
6. G. Naveen
7. Sk.Karimulla
8. Sk. Abdul Kalam
9. P. Bramarambavathi
10. P. Naganjaneyulu

The following faculty members are participated & certified in one week online FDP on "VLSI Devices and Circuits for AI Applications" from 19-09-22 to 23-09-22 organized by IQAC & Department of Electronics & Communications Engineering in association with NITTTR, Chandigarh.

1. G. Nagaraju
2. K. Karimulla
3. P.Naganjaneyulu

The following faculty members are participated & certified in one week online FDP on "IoT Enabled PLC" from 10-10-22 to 14-10-22 organized by IQAC & Department of Electrical & Electronics Engineering in association with NITTTR, Chandigarh.

1. Dr.P.Lakshman.
2. Dr. SK.MD. Shareef
3. P.D.V.S.K.Kishore
4. G. Nagaraju
5. M. Chandra Sekhar
6. G. Naveen
7. Sk.Karimulla
8. Sk. Abdul Kalam
9. P. Bramarambavathi
10. P. Naganjaneyulu
11. P.Raghava Rani
12. G.Saritha

Mr.Chandra Sekhar attended FDP on "Recent Advances in Electrical Engineering " during 17-10-22 to 21-10-22 organized by department of EEE, in association with IEEE Annanthapuram Subsectionand IEEE student branch of G.Pullareddy College of Engineering (Autonomous), Kurnool.

Workshop Attended

Dr.P.Lakshmanan has participated in one week online workshop on the "Design, Test & Validate, Power Electronics E-Mobility, Renewables, Microgrid using Typhoon HIL" during 27-06-2022 to 02-07-22 organized by department of EEE, NIT, Delhi.

Organized Programs:-

R20 BOS meeting

The department of EEE conducted BOS meeting on 19-07-2022 for the approval of,

i) R20–III & IV Year Course Structure and Syllabus.

ii) Minors & Honors.



Dr.K.RAVINDRA, Professor of EEE, UCEK, JNTUK participated as BOS subject expert by JNTUK and Resolutions made at BOS meeting.



Second International Conference

The department of EEE organized second international conference on recent trends in power systems and power electronics – 2K22(NEC-ICPSPE-2K22) which will be held on 22-07-2022 to 23-07-2022.



Dr.UMASHANKAR SUBRAMANIAM, Associate Professor and Distinguished Researcher in renewable energy lab, College of Engineering, Prince Sultan University, Riyadh Saudi Arabia, deliver Keynote address virtually on 22-07-2022 and his research experience and insides on emerging Technologies.





The enthusiastic participants gave an outstanding feedback about keynote speaker and helped in attaining the knowledge on the topic "Renewable energy".

Career Guidance Programs

The Department of EEE & IQAC organized an Online Session on "Build Self Confidence" by Doctorite Miss.Sita on 13-09-2022 from 2 PM – 3PM.



The Department of EEE organized A Guidance Program on Career Opportunities after B.Tech for the IV EEE students on 24-09-2022.



Mr. M.Ramesh, Senior Faculty Member at ACE, give a guidance about the opportunities after completion of B.Tech like GATE Exams, AE Exams and other competitive exams.



Michael Faraday Birthday Celebrations

The department of EEE celebrated 231st birth Anniversary of Michael Faraday on 22-09-2022. He was the father of Electricity.



The Honorable Secretary & Principal sir garlanded Faraday's portrait on this occasion. The EEE staff are accompanied with them.

WORKSHOP

The Department of EEE & ME Conducted one week Workshop on "Designing Solar PV Systems" in Association with GREENVION ENERGY TECHNOLOGIES from 26-09-2022 to 01-10-2022.



The III B.Tech I Sem (A & B) Students are participated in this Workshop & explained by B.Purushotam Chary,Manager-GVET, Hyderabad.



FDP PROGRAM

The Department of EEE & IQAC organized one week Faculty Development Programme on "IOT Enabled PLC" in Association with NITTTR, Chandigarh from 10-10-2022 to 14-10-2022.



NATIONAL ENERGY CONSERVATION DAY

The Department of EEE and IQAC organized a program on the occasion of "NATIONAL ENERGY CONSERVATION DAY" on 14-12-2022.



The Department of EEE invited as a Chiest Guest Sri.S.Srinivasarao, Executive Engineer, APCPDCL, Narasaraopet for this program.



On the occasion of "NATIONAL ENERGY CONSERVATION DAY" the department of EEE and IQAC conducted a poster Presentation with the theme "SAVE ENERGY-SAVE EARTH" and prizes are distributed for the winners.



PRACTICAL TRAINING PROGRAM

The Department of EEE & IQAC organized A Two Week Practical Training Program with hands on Experience on "PLC & VFD" In Association with Axis Global Automation, Chennai from 19-12-2022 to 31-12-2022.



The IV B.Tech II Sem (A & B) Students are participated in this Practical Training Program & explained by the Trainer Mr.M. Nagarjun, Application Engineer, AGIIT, Chennai.



Faculty Achievements

On the Occasion of Dr.Sarvepalli RadhaKrishnan Birth Anniversary (Teacher's Day), Dr.P.Lakshmanan, HOD of EEE received Academic Excellence Award for the Academic Year 2021-2022 on 05-09-2022.



The following faculty also received Academic Excellence Awards for the Academic Year 2021-2022 on 05-09-2022.

1. Dr. SK.MD. Shareef
2. P.D.V.S.K.Kishore
3. Sk. Abdul Kalam
4. P. Bramarambavathi

AICTE - PARAKH

From IV B.Tech, I-Sem EEE, 65 Students are attended AICTE-PARAKH Student Learning Assessment and completed on their respective fields.





From III B.Tech, I-Sem EEE, 30 Students are attended AICTE-PARAKH Student Learning Assessment and completed on their respective fields.

From II B.Tech, I-Sem EEE, 31 Students are attended AICTE-PARAKH Student Learning Assessment and completed on their respective fields.



Student Focus
NPTEL Course Details

Student Details	Title	Course Duration	No.of Students Completed
IV-I	DC Micro Grid & Control Systems	July to October, 2022	17
III-I	Operating System Fundamentals	July to October, 2022	01
III-I	The Joy of Computing using Python	July to October, 2022	66

INTERNSHIP PROGRAM DETAILS

S.No	Organization Name	No.of Students	Status
1.	33/11 KV Substation, Pidugurallu	3	Completed
2.	33/11 KV Substation, Vinukonda	3	Completed
3.	33/11 KV Substation, Phirangipuram	2	Completed
4.	Internshala - Programming with Python	1	Completed
5.	Internshala - Machine Learning	17	Completed
6.	132/33 KV Substation, Kothavalasa	2	Completed
7.	132/33 KV Substation, Macherla	3	Completed
8.	33/11 KV Substation, vissannpeta, NTR Dist.	1	Completed
9.	Jindal Steels, Amaravaram	1	Completed
10.	RK POWER Control Systems, CPT	7	Completed
11.	VTPS, Vijayawada	14	Completed
12.	220 KV Substation, Markapuram	1	Completed
13.	NPTL, Banglore	52	Completed
14.	Deep Learning using Pytorch	07	Completed
15.	Webdevelopment with PHP & MySQL Database	01	Completed
16.	765/400 KV ROMPICHERLA	05	Completed
17.	APGENCO,SRISAILAM	03	Completed
18.	APTRANSCO,SATTENAPALLI	01	Completed
19.	APTRANSCO,TADIKONDA	01	Completed
20.	L&T SOFTWARE TECHNOLOGIES,VIJAYAWADA	15	Completed
21.	SCR,VIJAYAWADA	28	Completed
22.	ZHEST IT,CHILAKALRIPET	01	Completed

Student Achievements:-

NATIONAL CADET CORPS ARMY ATT CAMP

M.JASWANTH KUMAR, III EEE Attended Army Attachment Camp at 76 Infrantry Brigade From 22-08-2022 to 31-08-2022 in the unit 23(A) BN CHIRALA with the CPL.

VINAYAKA IDOL COMPETITION

J. BALA ANKARAO (21475A0214) & P. RAOSAIAH (21475A0209) of III EEE has won second prize in the event of Vinayaka Idol Competition organized by Narasaraopeta Engineering College.

PHOTOGRAPHY COMPETITION

B.VENKATESWARA RAO (20471A0203) of III EEE has won the second prize in the event of Photography Competition conducted by the Narasaraopeta Engineering College on the occasion of World Photography Day 2022.

BOOTCAMP + HACKATHON

The following III EEE students are participated in the 12 hours Bootcamp + 32 hours Hackathon on Web Development conducted from 24-08-2022 to 27-08-2022 organized by NEC in collaboration with Bainovision Solution India Pvt, Ltd.

1. A.Bhargav Mahesh (20471A0202)
2. M.Venkateswara Rao (20471A0221)
3. Y.Abhiram (20471A0260)
4. S.Bhaavani (21475A0204)
5. D.Bala Tripura Sundari (21475A0220)
6. S. Naveen (21475A0237)

The following III EEE students are participated in the 12 hours Bootcamp + 32 hours Hackathon on Web Development conducted from 19-10-2022 to 22-10-2022 organized by NEC in collaboration with Bainovision Solution India Pvt, Ltd.

1. P.Rosaiah (21475A0209)
2. P.Teja Babu (21475A0225)
3. R.Shyam Sundar (21475A0232)

P.TEJA BABU (21475A0225) of III EEE has won the second prize in the event of 12 hours Bootcamp + 32 hours Hackathon on Web Development conducted from 19-10-2022 to 22-10-2022 organized by NEC in collaboration with Bainovision Solution India Pvt, Ltd

2nd STATE LEVEL YOGASANA CHAMPIONSHIPS 2022

D.NAJANJALI, II EEE has won the third prize in the event of TRADITIONAL YOGASANA of age category senior girls held at PB Siddhartha College of Arts & Science, Vijayawada from 07-10-22 to 09-10-22.

22 ANDHRA BN NCC, TENALI

K.HANUMANTHU (20475A0241), III EEE Attended COMBINED ANNUAL TRAINING CAMP –VII/ PRE RDC LAUNCH CAMP at NATCO SCHOOL OF LEARNING, GOLLAMUDIPADU from 12-10-22 to 19-10-2022.

INDUSTRIAL ROBOTIC WORKSHOP:

B. HARISH (20471A0205), III EEE Student attended and certified an Industrial Robotic Workshop is Exclusively Conducted at Narasaraopeta Engineering College in collaboration with Skill AP, APSSDC on 09-11-2022.

INTERNATIONAL INTERNSHIP

B.HARISH (20471A205), III EEE student successfully completed the International Internship on "In Advance Certification on Emerging Technologies" Organized by Andhra Pradesh Skill Development Corporation (APSSDC) and Indo-Euro Synchronization (IES) during 29-08-2022 to 21-10-2022.

NATIONAL ENERGY CONSERVATION DAY

K.SAI LEELA (22475A0226) of II EEE has won the First Prize in the event of Poster Presentation Conducted on the occasion of National Energy Conservation Day on 14-12-2022.

IDEATHON-2022

B.V.SUMANTH (20475A0267), IV EEE has won First prize in the event of "Ideathon – 2022" organized by Institution's Innovation Council, Narasaraopeta Engineering College conducted on 16-12-2022.

SAAP PHASE – II YOGA LEAGUE - 2022

D.NAGANJALI (22475A0222), II EEE has won First prize in the event of Traditional Yoga Asana in the state level SAAP PHASE – II YOGA LEAGUE – 2022 organized by District Sports Authority, Kakinada held 29-12-2022.



CLUSTER LEVEL SPORTS MEET – 2022

CH ANIL (21471A0206), K. KOTESTWARA RAO (21475A0209) of II EEE won the First prize in the event of Kabaddi as a part of Cluster Level Sports Meet – 2022 held on 28-12-2022.



Alumni Interactions:



The Alumni student Mr.R.Venkateswarlu (15471A0233), working as Electrical Design Enginee, Challuru Engineering and Automation, Tirupathi shared his industry experience with final year students.

The Alumni student Mr.K.Srikanth (16475A0209) shared his language translator experience with IV B.Tech, I - Sem students on 26-10-2022.





The Alumni student Ms.CH.Haritha (13471A0225) shared her working experience in TCS & discuss with IV EEE Students regarding the process of admission in USA and Scholarship.

Academic Toppers:-

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



I – B.Tech II – SEM



II – B.Tech II – SEM



III – B.Tech II – SEM



IV – B.Tech II – SEM

Industrial Visits:-

As a part of Academics students are required to visit industries in order to get the practical knowledge and industrial exposure.

The IV B.Tech student visited Hydro Power plant located at Srisailam on 29-10-2022.





The III EEE A & B students visited 765/400 kV Substation Power Grid Corporation of India.Ltd, Annavaram Village, Rompicherla Md, Narasaraopet on 31-10-2022 and 02-11-2022.

Placements:-

R.Ramya (19471A0221), IV-EEE has selected in HCL with a package of 5 LPA on 18-08-2022.

The following students are selected in SAVANTIS SOLUTIONS with a package of 3.6 LPA.

1. K. Hemanth (18471A0206)
2. M. S.Lidiya (19471A2015)
3. M. Nagendra kumar (20475A0254)
4. A. Siva (20475A0224)
5. N. Keerthi (20475A0234)
6. D. Yamuna (20475A0219)

The following students are selected in TCS with a package of 4 LPA.

1. K. Venkata Naresh (20475A0247)
2. U. Nagur Babu (20475A0225)
3. V. Demudu Naidu (20475A0226)

Training programmes Organized:-

The IV B.Tech-EEE students are attended online TCSNQT training on 25-07-2022.

The IV B.Tech-EEE students are attended online TCSNQT training from 08-08-2022 to 12-08-2022.

The Communication Skills Program was conducted to IV – EEE students by Dr.O.Ananda from 11-10-2022 to 13-10-22.

CRT - Training Programme is conducted for for III B.Tech_EEE from 13-10-2022 to 21-10-2022 Organized by Bycexl Team.

CRT - Training Programme is conducted for for II B.Tech_EEE from 17-11-2022 to 26-11-2022 Organized by Bycexl Team.

Alumni Voice:-



K.TERSE SUBHASHINI
18471A0218
Project Manager, Wipro

The systematic approach towards imparting Education at NEC made me as a competent individual. In four years of my graduation. I faced different aspects of life. Thus years at NEC are the best for concerning learning, experience & gaining exposure to fields.

The faculty are very supportive & encourage students to reach above expectations, NEC focus on overall development of every student in education, cultural awareness & practical of business world. Finally, I would take to thankful to the entire NEC family for their support & motivation in my carrier building & to fulfill my dreams.

Student's Voice:-



21471A0226
T. V.S.S. NAGA ASHOK

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.

DEPARTMENT OF MECHANICAL ENGINEERING

WE BUILD MACHINES THAT BUILD NATION

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

The Department of Mechanical Engineering is committed:

- 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 values.

MODERN TRENDS IN TECHNOLOGY:

DIGITAL TWIN TECHNOLOGY:

A digital twin is a virtual model designed to accurately reflect a physical object. The object being studied — for example, a wind turbine — is outfitted with various sensors related to vital areas of functionality. These sensors produce data about different aspects of the physical object's performance, such as energy output, temperature, weather conditions and more. This data is then relayed to a processing system and applied to the digital copy.

Once informed with such data, the virtual model can be used to run simulations, study performance issues and generate possible improvements, all with the goal of generating valuable insights — which can then be applied back to the original physical object.

Therefore, the industries that achieve the greatest success with digital twins are those involved with large-scale products or projects:

Engineering (systems)
Automobile manufacturing
Aircraft production
Railcar design
Building construction
Manufacturing
Power utilities



FACULTY FOCUS:

FACULTY PUBLICATIONS:

Dr.B.Venkatasiva, HOD ME published a Journal paper entitled "Modelling and Analysis of Car Wheel Rim using CAD/CAE Tools", INTERNATIONAL Journal Of Mechanical Engineering, ISSN: 0974-5823, Vol.7 5 July, 2022.

Dr.B.Venkatasiva, HOD ME, Dr.M.Venkanna babu, Professor, A,Pavan kumar Assistant Professor and Ch.Sekhar, Associate professor published a Journal paper entitled "Design Optimization and Fracture Analysis of Cam shaft using Composite Materials", Indexed by Scopus INTERNATIONAL Journal Of Neuro Quantology, ISSN: 130-5150, Vol.7 5 NOV 2022.

Dr.M.Sreenivasa Kumar Principal NEC and Dr D.Jagadish, Professor ME published a Journal paper entitled "ESTABLISHMENT OF SCR TEST FACILITY AND EVALUATION OF 8MM PITCH HONEYCOMB TYPE CATALYST IN A 20 LITTER CAPACITY SCR TEST FACILITY", AES SCOPUS INDEX JOURNAL, ISSN: 2096-3246 Volume 54, Issue 02 December, 2022.

Dr.M.Sreenivasa Kumar, Principal NEC published a Journal paper entitled "DESIGN AND STRUCTURAL ANALYSIS OF FLYWHEEL USING DIFFERENT MATERIALS& WEGHT REDUCTION", AES SCOPUS INDEX JOURNAL, ISSN: 2096-3246 Volume 54, Issue 02, December, 2022.

Dr.B.Venkatasiva, HOD ME published a Journal paper entitled "Pick And Place Operation By Collaborating Electromagnetic And Pneumatic Gripper Robots", in International Conference On Materials Innovation And Sustainable Manufacturing (ICMISM-2022) in Association with ELSEVIER Conference Organised by Department of Mechanical engineering VISHU INSTITUTE OF TECHNOLOGY (AUTONOMOUS during 16/12/2022 to 17/12/2022.

Dr.D.Jagadish, Professor ME published a Journal paper entitled "Engine Combustion And Emission Analysis Using Optical Methods", in International Conference On Materials Innovation And Sustainable Manufacturing (ICMISM-2022) in Association with ELSEVIER Conference Organised by Department of Mechanical engineering VISHU INSTITUTE OF TECHNOLOGY (AUTONOMOUS during 16/12/2022 to 17/12/2022.

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

Dr. Venkannababu Mendi, Associate professor awarded with Ph.D in Mechanical Engineering entitled "Structural Analysis of Cam to Lever Mechanism with Partical Swarm Optimization for Heavy Load Application", from Shri JJT University, Rajasthan, (2017-2022).





Dr.B.Venkata siva, Professor HOD-ME gave guest lecture for faculty on "Outcome Based Education", on 10/07/2022 at BVC Institute of Technology & Science • Amalapuram – 533 221, East Godavari District, Andhra Pradesh, India.

Dr.P.Suresh babu, Professor, Participated in one Week online FDP on "Advancements in Thermal and Renewable Energy Technologies (ATRET-2022)" organized by the Department of Mechanical Engineering, Lakireddy Bali Reddy College of Engineering, Mylavaram, Krishna (Dt.), Andhra Pradesh, India organized from 04/07/2022 to 09/07/2022.

Dr.M.Sreenivasakumar, Principal has participated in the regional meet held on 12 August 2022 at Sreenidhi Institute of science and Technology, Hyderabad.

Dr.D.Jagadish, Professor has participated in the regional meet held on 12 August 2022 at Sreenidhi Institute of science and Technology, Hyderabad.





Dr.M.Sreenivasakumar, Principal attended for Andhra Pradesh State Council Of Higher Education "Rasavada the Appreciation 2022" received Appreciation from APSCHE For achieving NAAC A+ Grade.

Dr.B.Venkata Siva Professor HOD-ME delivered an invited talk on "Outcome based education (OBE)", organized by IQAC ,Ideal Institute of Technology, Kakinada on 23/08/2022.



Dr.B.Venkata Siva Professor HOD-ME acted as a Manuscript Reviewer paper title "Novel Design of the micro-EDM System for Preparing Nano-W Colloidan.



Mr Ch Sekhar(ME) Associate Professor attended three day faculty development program (FDP) OF IES - ARC Faculty on "Pneumatic Automation with Industry 4.0 technology", at FESTO, Bangalore from 24/08/2022 to 26/08/2022.



Dr.M.Sreenivasa kumar, Principal NEC received "Bishma Acharya Award", from Bharath Education Excellence Award 2021-2022 All India Level Biggest Award Ceremony of Education and Research at YVS Murthy Auditorium, Andhra University,Visakhapatnam.



Dr.M.Sreenivasa kumar, Principal NEC received "Prajasakthi Puraskara Patram", on the Occasion of Teachers day from Prajasakthi daily newspaper.



Mr.M.Venkai Assistant professor received "Academic Excellence Award", on the eve of Teachers day for Engineering Drawing subject.



Mr.Ch.Sekhar Assistant professor received "Academic Excellence Award", on the eve of Teachers day for Robotics Subject.



Mrs.P.Sravani Assistant professor received "Academic Excellence Award", on the eve of Teachers day for Power plant Engineering subject.



Dr.P.Suresh babu professor received "Academic Excellence Award", on the eve of Teachers day for Entrepreneurship and Innovation subject.



Dr.B.Venkata siva HOD-ME presented guest lecture on "Outcome based education (OBE)", organized by IQAC ,NEC- NIPS Narasaraopet on 14/09/2022.

Dr.B.Venkata Siva Professor HOD-ME attended one week faculty development program on "Amazon web services", organized by dept of CSE NEC in collaboration with brain vision solutions India pvt limited during 22/08/2022 to 27/08/2022.

Dr.B.Venkata Siva Professor HOD-ME attended "A National Level 7 Day Hands On Training Program On Integrative Research In Various Fields Of Engineering", on 24/09/2022 at SRKR Engineering college(autonomous) Bhimavaram West Godavari.





Dr.B.Venkata Siva Professor HOD-ME delivered an invited talk on "Outcome based Education (OBE)", organized by IQAC, JNTUH University College of Engineering Manthani, Peddaplli district Telangana on 29/09/2022.

Dr.M.Sreenivasa Kumar Principal NEC and Dr.B.Venkata siva, HOD ME attended one day State level workshop for Autonomous and NAAC accredited Engineering and Pharmacy colleges on "Indian ranking -2023 National Institutional ranking frame work (NIRF)", on 15/11/2022 organized by quality assurance cell A.P state council of higher education at Andhra Loyola Institute Of Technology,Vijayawada.



Dr.B.Venkatasiva, HOD ME, Dr D.Jagadish Professor, Dr.M. Venkanna babu, Professor, P.Sravani Assistant Professor, and K. Raghavendra Assistant Professor, Assistant Professor attended a five day FDP on "UGC-AICTE Incorporating Universal Human Values", from 14/11/2022 to 18/11/2022 through online mode.



Dr.M.Sreenivasa Kumar, Principal NEC attended a five day AICTE training faculty development program on 'Additive and Smart Manufacturing for Biomedical Applications", at Indian Institute Of Technology Tirupath, organized by Mechanical Engineering Department Tirupathi from 21/11/2022 to 25/11/2022.



Dr.D.Suneel, Vice Principal NEC attended (Hybrid mode) a two week ATAL faculty development program on 'IOT Applications In Mechanical engineering", at PVP Siddhartha Institute Of Technology Vijajayawada, organized by Mechanical Engineering Department from 14/11/2022 to 26/11/2022.

Dr.B.Venkata siva, HOD ME acted as a Peer Reviewer title "Design, simulation and experimental evaluation of hot-stamped 22MnB5 steel auto body part", Journal Manuscript ID: symmetry-2060592 MDPI postfach Switzerland.

FACULTY CERTIFICATIONS:

Mr. M.Venkaiah, Assistant Professor completed certification course on "25 Days Machine Learning Master Class", from Pantech e learning online certification program.

Mrs. P.Sravani , Assistant Professor completed certification course on "30 Days Machine Learning Master Class", from Pantech e learning online certification program.

Dr.B.Venkata siva, HOD ME, completed a certification course on "Fundamentals of Artificial Intelligence", from NPTEL online Certification program.

Dr.D.Jagadish, Professor completed a certification course on "Fundamentals of Artificial Intelligence", from NPTEL online Certification program.

Dr.M.Venkanna babu, Professor completed a certification course on "Fundamentals of Artificial Intelligence", from NPTEL online Certification program.

K.John babu, Assistant Professor completed a certification course on "Fundamentals of Artificial Intelligence", from NPTEL online Certification program.

SK. Nagul meera vali, Assistant Professor completed a certification course on "The joy of computing using python", from NPTEL online Certification program.

CO CIRCULAR ACTIVITIES (SPORTS):

P. Sravani, Assistant Professor from Mechanical engineering department got 2nd prize in chess, held on the occasion of National Sports Day(29/08/2022).

P. Sravani, Assistant Professor and D. Raghavendra, Assistant Professor from Mechanical engineering department gotlst prize in carrom board held on the occasion of National Sports Day (29/08/2022)





Sk.Nagulmeeravali Assistant Professor from Mechanical engineering department got runner prize in carrom board held on the occasion of National Sports Day (29/08/2022).

Dr.M.Sreenivasa Kumar, Principal NEC presented guest lecture on "Entrepreneurship and Innovation as career opportunity", organized by Institution's Innovation Council 5.0 Narasaraopeta Engineering college on 30/11/2022.



Dr.D.Jagadesh, Professor -ME gave guest lecture for students of Bapatla Engineering college on "Advances in gas turbine and Jet propulsion", through online mode on 06/12/2022.

Dr.B.Venkatasiva, HOD ME acted as a Manuscript Peer Reviewer title "ELECTRONIC INTERFACE FORM BASED ON MICROFLUIDICS SYSTEM AND TRIBOELECTRIC NANOGENERATOR", Journal Electronics (ISSN 2079-9292) Manuscript ID electronics-2106335.

Dr.B.Venkatasiva, HOD ME participated and presented paper "Pick And Place Operation By Collaborating Electromagnetic And Pneumatic Gripper Robots", in International Conference On Materials Innovation And Sustainable Manufacturing (ICMISM-2022) in Association with ELSEVIER Conference Organised by Department of Mechanical engineering VISHU INSTITUTE OF TECHNOLOGY (AUTONOMOUS during 16/12/2022 to 17/12/2022.

Dr.D.Jagadish, Professor ME participated and presented paper "Engine Combustion And Emission Analysis Using Optical Methods", in International Conference On Materials Innovation And Sustainable Manufacturing (ICMISM-2022) in Association with ELSEVIER Conference Organised by Department of Mechanical engineering VISHU INSTITUTE OF TECHNOLOGY (AUTONOMOUS during 16/12/2022 to 17/12/2022.

Dr D.Jagadish, Professor ME attended four day FDP on "21st Century Skills & Teaching Methodologies ", this faculty development programme conducted by Andhra Pradesh State Council Of Higher Education (APSCHE), Mangalagiri, A.P in association with Common Wealth Education Media Center for Asia (CEMCA) and Andhra Loyola College(A), Vijayawada from 19/12/2022 to 22/12/2022.



Dr.M.Sreenivasa kumar, Principal NEC, Dr D.Suneel, Vice Principal NEC and Dr. Venkannababu Mendi, professor ME attended through online mode one week FDP on "Innovations in Mechanical Engineering", this faculty development programme conducted by Vasireddy Venkatadri Institute of Technology Engineering college, Namburu, Pedakakani, Guntur, Andhra Pradesh from 26/12/2022 to 30/12/2022.

Department Activities:





Department has organized a Virtual Second International Conference on "Emerging Trends In Mechanical Engineering And Industrial Automation" in association with The Institution Of Engineers (INDIA) from 29/07/2022 & 30/07/2022.

Department has organized a final project review for third year students on 30/06/2022, Dr D. Venkatarao(9849223327), Professor HOD-ME KHIT, Guntur, acted as external examiner, Dr.B. Venkata Siva, Professor HOD-ME, Dr.D.Jagadish, Professor, Ch.Sekhar, Associate Professor are acted as Coordinators.

Mechanical Engineering department has attended Facts Finding Commity (FFC) inspection through online mode on 01/08/2022.





Department has organized One day Workshop on "Pneumatic Technology in Industrial Automation", in Association With FESTO Association with APSSDC-ARC on 11/08/2022 third and final year students participated in this workshop.

Department has organized a One Week faculty development program on "Nanosensors and Devices", in Association with NITTTR-Chandigarh from 22/08/2022 to 26/08/2022.





Mechanical Engineering Department has Organized "Teachers Day Celebrations", by Honorable Chairman Sri Mittapalli Koteswararo Garu and Principal Dr.M.Sreenivasa Kumar garu on 05/09/2022.

Department has organized a One Week faculty development program on "Energy Harvesting And Storage Material And Devices", in Association with NITTTR-Chandigarh from 12/09/2022 to 19/09/2022.





Mechanical Engineering department Organized One day Workshop "Autodesk Fusion 360", by ICT Academy on 12/09/2022

Mechanical Engineering department Organized online Seminar "Build Self Confidence", Ms.Sita acted as a resource person on 13/09/2022.

Department has organized a One day seminar on "A Guidance program on career opportunities after B.Tech", for final year students in Association with ACE Engineering Academy on 22/09/2022, Mr.M.Ramesh Senior faculty member at ACE acted as a Resource person.





Department has organized one week faculty development program on "Nanotechnology – Development and challenges", in Association with NITTTR-Chandigarh Dr. B.Venkata Siva Professor HOD-ME acted as a local coordinator during 26/09/2022 to 30/09/2022.



Department has organized one week faculty development program on "Managerial Skills for Technical Teachers & Administrators", in Association with NITTTR-Chandigarh Dr.M. Sreenivasa kumar Principal NEC acted as a local coordinator during 26/09/2022 to 30/09/2022.

Department has organized one week workshop for third year students on "Designing of solar PV systems", in Association with Green Energy Technologies during 26/09/2022 to 30/09/2022.





Department has organized one week Workshop on "Design and Development of GOKART Vehicle", in association with society of Mechanical and Automotive engineers (SAME), Hyderabad. Mr.Y.Mytreya, Public Relations officer and Mr.S.Venkatesh, Public Relations officer are acted as resource persons for this program from 10/10/2022 to 15/10/2022.

Department has organized CRT Training Program (Reasoning) for third year students during 10/10/2022 to 14/10/2022, in Association with BYTEXL training Hyderabad For this Training Program Mr. Madhu Trainer acted as a Resource person





Department has organized "CRT Training", for second year students during 17/11/2022 to 18/11/2022 D. Nagi Reddy(966 6366497) Trainer bytexl Hyderabad acted as Resource person.

Department has organized three day awareness program on "Robotics and 3D printing", for NIT CSE third year and ECE final year A and B section students. Ch Sekhar, Assistant Professor ME and SK Zubeer basha, Assistant Professor ECE acted as a guest lectures during 03/11/2022 to 05/11/2022.





Department has organized one day program on "Industrial Robotic Workshop", for third year and final year ME A and B section students. M.Nagarjun, Application Engineer AGIT Technologies and S.Jothiharlharan, Application Engineer AGIT Technologies are acted as resource persons and Ch Sekhar, Assistant Professor ME and SK Zubeer basha, Assistant Professor ECE acted as coordinators on 09/11/2022.

Department has organized one day awareness program on "Robotics and 3D printing", for NIT third year and ECE final year A and B section students. Ch Sekhar, Assistant Professor ME and SK Zubeer basha, Assistant Professor ECE acted as a guest lectures during 17/11/2022.





Department has organized one day awareness program on "Robotics and 3D printing", for JNTUN College third year and final year ME. Ch Sekhar, Assistant Professor ME and SK Zubeer basha, Assistant Professor ECE acted as a guest lecture on 18/11/2022.

Department has completed Internal ISO Verification by Dr.Singaiah, Dr.J.Srinivas and Dr.T.Anjaneyulu in presence of Dr.B.Venkata siva, HOD ME and department faculty on 19/11/2022.



MOUs:



Department has made MOU with "INDO – EURO SYNCHRONIZATION Pvt.Ltd-IES", for this program principal Dr.M.Sreenivasa kumar garu and Honarable Secretary M.Rameshgaru attended at Acharaya Nagarjuna Univeristy on 02/08/2022.

Department has made MOU with "JOCIL LIMITED", for this program principal Dr.M.Sreenivasa kumar garu, Vice principal Dr.D.Suneel and Dr.B.Venkata siva, HOD ME attended at Jocil company on 27/10/2022.





Department completed ARC Inspection successfully by APSSDC team on 01/12/2022.

Department completed Academic audit successfully by Dr.K.Lakshminadh, Professor CSE and Dr.N.V. Mohana ramana, Professor BS &H department from 02/12/2022 to 03/12/2022.





Department have organized A One Week Workshop for final year mechanical students on "Mechatronics & Industrial Automation",from 19/12/22 to 23/12/22 in Association with Integrated Power Solutions,Trichy, Honorable Principal Dr. *M.Sreenivasa Kumar, Vice-Principal Dr. D. Suneel and Hod-ME Dr. B. Venkata Siva were present and gave the Inaugural message, Mr.M Madhan Kumar,Technical Trainer, PIS Trichy and Mr. V.Ramniwas.Technical Trainer PIS, Trichy acted as Resource Persons.

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

Balle Ramanjaneyulu Second year mechanical student attended online workshop on "Auto CAD 2D", from Learn Delta online certification program.

SK.Subani Second year mechanical student attended online workshop on "Auto CAD 2D", from Learn Delta online certification program.B.PrasannaBabufinal year mechanical student completed NPTEL certification on "Manfucaturing Process Technology I & II with 55%.

S.Williams final year mechanical student completed NPTEL certification on "Manfucaturing Process Technology I & II with 52%.

SK.Jilani final year mechanical student completed NPTEL certification on "Manfucaturing Process Technology I & II with 55%.

P.Naveen final year mechanical student completed NPTEL certification on "Manfucaturing Process Technology I & II with 58%.

G.Hari Krishna Reddy final year mechanical student completed NPTEL certification on "Manfucaturing Process Technology I & II with 58%.

SK. Dasthagiri final year mechanical student completed a certification course on "Engineering Metrology", from NPTEL online Certification program.

P.K.Chaitanya, third year student completed a certification course on "The joy of computing using python", from NPTEL online Certification program.

Mr.M.Venkai Associate professor, deputed as a spot evaluator for Design of machine members subject at VVIT college, Guntur on 23/11/2022.

Mr.N.Vijaya sekhar, Associate professor deputed as an External evaluator for 4-1 mini project review for final year mechanical at Eswar College Of Engineering And Technology, Narasaraopet on 22/11/2022.



Final year students K.Nikhil kumar and M.Balachandar selected for the funded Industrial Training Dismantling of Gasoline Engine by "ARC Super 2.0", industrial training at Toyota manufacturing plant, Banglore (TKM) by ARC and Indo Euro Synchronization.

Five students from mechnical engineering attended workshop on "Full stack Web Development Hackthon program", organized by Narasaraopeta Engineering college in Association with Brainovision solutions India Pvt Ltd from 24/08/2022 to 27/08/2022.



Final year student K.Prudhvi yeswanth reddy selected for "AWS Deep Racer Student League 2022", AP State Skill Development Corporation.



Mechanical Engineering students participated in "Poster Presentation Competition", on the occasion of celebration of INNOVATION day on 15/10/2022.



Department has organized "CRT Training", for second year students during 27/11/2022 to 01/12/2022 D. Nagi Reddy(966 6366497) Trainer bytexl Hyderabad acted as Resource person.



Mechanical Engineering Students participated in Poster Presentation Competition on the occasion of National Energy Conservation Day on 14/12/2022.



Mechanical Engineering Students participated in National level IDEATHON -2022 organized by NEC Institution Innovation Council on 16/12/2022.



Mechanical Engineering students participated in "Career guidance & Overseas education opportunities for Engineering Students", organized by IQAC & Department of TPC on 30/12/2022.

NSS ACTIVITIES:



Mechanical Engineering department students participated" 75th Azadi Ka Amrit Mahotsav Har Ghar Tiranga PalanduZillaJatiyaPatakaShobaYatra", as a part of NSS activityon10/08/2022 at S.S & N College Narasaraopet.

Mechanical Engineering department students haveparticipated in "Painting and Essay Writing Competition on the eve of Azadi Ka Amrit Mahotsav", as a part of NSS activityon11/08/2022.





Mechanical Engineering students got free dental check-up as a part of NSS activity on 09/09/2022.

Faculty from Mechanical Engineer department participated in "5K RUN", on the occasion of world stroke day organized by Mahatma Gandhi Neuro Center Hospital Narasaraopet on 29/10/2022.





Faculty from Mechanical Engineering department participated in "National United Day", on the birth Anniversary of Sardar Vallabhai Patel organized by Narasaraopeta Engineering College Narasaraopet on 31/10/2022.

ALUMNI TALK:

Department has organized a one day Alumni talk to first year students on "Career opportunities in Software", on 23/07/2022, For this program Mr. N.Sai kumar (9963677348) APPSIKA Soft tech Hyd - Testing Engineer acted as a Resource person.





Department has organized a one day Alumni talk to final year students on "Career opportunities in Software", on 10/10/2022, For this program, Mr. G. Siva Krishna reddy (13471A03E5),(2013-2017 Batch) , NTT DATA (Mexico), Gandhinagar, Abinition Developer (DSIST Specialist) acted as a Resource person.

Department has organized a one day Alumni talk to final year students on "Career Guidance", on 18/11/2022, For this program Mr. P.Manoj kumar (9600170921), software engineer, Cognizant, Hyderabad acted as a Resource person.





Department has organized a one day Alumni talk to final year students on "Career Guidance", on 24/11/2022, For this program Mr. D.Rajesh , Associate Tech Lead Eclart prime start up, Hyderabad acted as a Resource person.

Department has organized a one day Alumni talk to final year students on "Career Guidance", on 02/12/2022, For this program Mr T.Avinash Kumar Reddy, Associate Software Engineer Solera, Bengaluru acted as a Resource person.





Department has organized a one day Alumni talk to final year students on "Career Guidance", on 09/12/2022, For this program Mr T.Chandra sekhar Reddy (6303562323), Associate Software Engineer DXC Technology, Bengaluru acted as a Resource person.

Department has organized a one day Alumni talk to final year students on "Career Guidance", on 23/12/2022, For this program Mr. Chirumamilla Gopibabu (2014-2018) Batch , Developer, Zilogic systems, Bangalore acted as a Resource person.



INDUSTRIAL VISITS:

Students from first year Visited "Mittapalli Spinners Limited", Yellamandaas a part of industrial visit on 15/07/2022, faculty coordinators namely SK.Bajan, SK. Meeravali, B.Rajiv Kumar & M.Venkaiah. attended to this visit.





Students from Third year A section Visited "JOCIL LIMITED", Dokiparru Guntur as a part of an industrial visit on 21/10/2022 .A.Pavan kumar Assistant professor and K.John babu Assistant professor coordinated this program.

Students from Third year B section Visited "JOCIL LIMITED", Dokiparru Guntur as a part of an industrial visit on 22/10/2022. A.Pavan kumar Assistant professor and K.John babu Assistant professor coordinated this program.





Students from second year A section Visited "Mittapalli spinners limited", yellamanda narasaraopet as a part of an industrial visit on 02/11/2022. T. Ashok kumar Assistant professor and SK.Nagur Meeravali Assistant professor coordinated this program.

Students from final year A section Visited "JOCIL LIMITED", Dokiparru Guntur as a part of an industrial visit on 09/11/2022. P.Srinivasa rao, Assistant professor and A.Pavan kumar, Assistant Professor coordinated this program.





Students from final year B section Visited "JOCIL LIMITED", Dokiparru Guntur as a part of an industrial visit on 10/11/2022.A.K.Kiran chand Assistant professor and N.Viaya sekhar, Assistant professor coordinated this program.

Students from first year Visited "Mittapalli Spinners Limited", Yellamanda as a part of industrial visit on 06/12/2022, faculty coordinator Ch.Sekhar, Assistant professor to this visit.

CAMPUS PLACEMENTS:

Students of Mechanical got selected in various companies listed below.

Roll No	Name of the students	Name of the Company	Date of drive	Salary
19471A0320	KIKKURU PRUDHVI YASHWANTH REDDY	Savantis	06-09-2022	2,22,000
19471A0326	MELAM STEPHEN WILLIAMS	Savantis	06-09-2022	2,22,000
20475A0320	BALACHANDAR M	Savantis	06-09-2022	2,22,000
19471A328	NOORBASHA ANWAR BASHA	TCS		3,60,000

Academic Toppers

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







ALUMNI VOICE:



G.S. Krishna Reddy
(2013-2017 Batch)
NTT DATA (Mexico),
Gandhinagar,
Abinition Developer
(DSIST Specialist)

Finding the right path to success at the right time is really very important and for that way I had selected NEC. The friendly environment, the systematic approach towards imparting education at NEC made me a competent individual.The wide range of activities- both curricular and co-curricular- along and the support from NEC is really very helpful for my future. The faculties are really very kind and approachable when any need arises.

In NEC we are trained for our placements and because of that I was placed in one of the reputed companies for my internship. Today, if I am in a good position it's because of what I have learnt from NEC. Lastly I am really proud to be an NEC Alumni.

STUDENT VOICE:



D. Venkata Gopal
(20475A0318)

Coming to NEC Mechanical Engineering Department, I consider it as a temple and the Professors over here as my god . Each of the Faculty members helped me with my ups and downs and shaped me into a better, responsible and successful person. Since my admittance, three years ago, I have been evolved into a confident lady, bolstered with many new skills

Vision

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

Mission

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

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

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

Modern Trends in Technology

ORGANIC ELECTRONICS

Organic Electronics offer massive advantages over traditional inorganic electronics. They are cost-effective, flexible, indissoluble, optically transparent, lightweight, and consume low power. In addition, the rise in awareness for sustainable development and eco-friendly manufacturing attracts manufacturers to opt for organic electronics. Designing circuits with microbial components or producing devices with biodegradable and recyclable materials is seen to be the next electronics manufacturing trend. Moreover, the application of organic materials to manufacture electronic devices enables electronics manufacturers to use safer, fewer, and more abundantly available raw materials. Hence, it creates new business opportunities for companies and this is sure to give them a competitive edge in the long run.

Flask offers Materials for Organic Electronics Devices

Japanese startup Flask develops materials for application in various products such as organic displays, lighting, and solar cells. Examples of materials include electron transport materials, electron injection materials, light-emitting materials, coating materials, and organic solar cell materials. Using these materials allows device manufacturers to meet customer demands like high efficiency, low power consumption, high reliability, and adaptation to next-generation materials.

Koala Tech develops Organic Semiconductor Laser Diode

Japanese startup Koala Tech develops an organic semiconductor laser diode. The startup's laser diode technology is based on organic fluorescent semiconductors, which are generally easier, less harmful, and faster to process into thin films. It enables manufacturers to use a low-cost light source that easily integrates into OLED and organic electronic platforms.

PRINTED ELECTRONICS

Printing electronics 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. Unlike traditional semiconductors that use tiny wires as circuits, printed electronics rely on conductive inks and often flexible films. Further, the advancements in printing technologies allow the flexible hybrid electronics field to obtain enough momentum. Therefore, startups and scaleups are developing solutions for advanced printing technologies.

Faculty Focus

Mrs. B. Suneetha Received Ph.D Degree on 29/09/2022
Topic:Area of Image processing, Tittle was "A Novel Segmentation Method for Detection of Tumours in Brain MR Images".



"IBM Hack Challenge best mentor award" received by the Faculty Dr. A. V. Nageswara Rao on 17/11/2022 at IBM Company, Bangalore



NPTEL Certifications

Mr. M. Hari Hanumadhu Sastry	Deep Learning" with a Consolidated Score of 87%	July-October,2022 (12Week Course) 18/11/2022
Dr. Amit Gupta	"Cryptography and Network Security" with a Consolidated Score of 53%	July-October, 2022 (12Week Course) 18/11/2022
Dr. Amit Gupta	"Introduction to industry 4.0 and Industrial Internet of Things" with a Consolidated Score of 54%	July-October, 2022 (12Week Course) 25/11/2022

Book Publications

Faculty Name	Title of the Chapter	Publication
Dr. Shaik. Rapil Vali	An Article publication on "Chapter9 : Applying Fuzzy Logics to Detect Reliable Sensors on IoT " in the Text Book Name of " Artificial Intelligence for Internet of Things	CRC Press, London Book Chapter(s) 18/11/2022

Faculty as resource Person :

Dr.V. Venkata Rao delivered A Lecture on Global Positioning System and its Applications on 24-6-2022 at SVIET, Nandamuru, Pedana(M), Krishna(Dt.)uest Lecture delivered by Dr. A. V. Nageswara Rao on "AI & Iot in Drones" at SJBIT College, Bangalore (18/11/2022)

FDP's / STTP's / Webinars attended by the faculty

Dr. Amit Gupta , Professor, NEC	120 Minutes International online Webinar on "Artificial Intelligence for Engineering Applications"	National Institute Of Technical Teachers Training And Research, Chennai(Ministry Education, Government Of India)	5-7-2022
Dr. J.V.K. Ratnam	Regional Meet "Institution's innovation Council MoE's Innovation Cell "at Sreenidhi Institute of Science and technology, Hyderabad.	Sreenidhi Institute of Science and technology, Hyderabad	12-8-2022
Dr. Veeravalli Venkata Rao	2-day Workshop on" Research writing using LATEX"	IEEE MTT-S & AP-S SBC, NIT Warangal	16-8-2022 & 17-8-2022
Sk.Zuber Basha	3-day Faculty Development Program (FDP) on the topics "PLC's, Pneumatics and Automation techniques"	"FESTO India, Banglore" and IGUS India, Bangalore.	24/08/2022 to 26-08-2022
Dr. A.V. Nageswara Rao	One week workshop on " Designing and modelling of IoT, AI & ML Systems"	All India Council for Technical Education (AICTE), ATAL Academy, Atm Education and STMicroelectronics.	1/08/2022 to 5/8/2022
Manchili Suneel Raju, SK.Md.Gouse, V. Naveen Raja and Yeruva Jaipal Reddy	One-Week AICTE Recognized Faculty Development Programme on "Nano sensors & Devices"	National Institute of Technical Teachers Training and Research, Chandigarh	22-8-2022 to 26-8-2022
Jaya Babu, Papaganti	Faculty Development Program on "Data and Image Augmentation For Deep Learning Applications".	Department of Computer Science & Engineering, Aalim Muhammed Salegh College Of Engineering, Chennai	19-08-2022
D. Suneel	International Webinar on "Indigenous Materials For Energy Storage (Lithium-ion and Super Capacitor) Applications".	Bharat Institute of Engineering and Technology" in collaboration with "Centre for Research and Development in Education and Social Integration(CRESIHRD)" and Indian Ceramic Society, Hyderabad Chapter	05/09/2022
Papaganti JayaBabu	Webinar on " How To Do Quality Publications"	Department of Computer Science & Engineering, Aalim Muhammad Salegh College of Engineering, Muthapudupet, AVADI-IAF, Chennai	27/09/2022
Dr. Amit Guptha	NAAC Sponsored Two Days Online Workshop on "Curriculum Development for the Effective Implementation of NEP-2020", under IQAC	Madhav Institute of Technology & Science, Gwalior, MP, India.	03/09/2022 to 04-03-2022
Dr. Amit Guptha	IEEE paper entitled " A Smart- Dustbin and Integration of Waste Management System Using IoT" at the 4th International Conference on Inventive Research in Computing Applications (ICIRCA 2022)	RVS College of Engineering & Technology, Coimbatore, India.	21/09/2022 to 23/09/2022
Dr. Veeravalli Venkata Rao, Dr. Mr. SK.Md. Shareef, Mrs. B.Sumeetha and Mr. P.Jayababu	One Week Faculty Development Programme on" Amazon Web Services"	Department of Computer Science and Engineering, Narasaraopeta Engineering College in collaboration with BrainOVision Solutions India Pvt Ltd. & All India Council for Technical Education-AICTE.	22/09/2022 to 27/09/2022
Mr.V. Naveen Raja	A 40-hour online Faculty Development Programme on " EDA Tools for Industry 4.0 and its Applications"	Sponsored by Ministry of Electronics and Information Technology(MEITY) GoI, organized by E&ICT Academy, NIT Warangal and Amrita School of Engineering, Amrita Vivsa Vidhyapeetam, Chennai.	18/07/2022 to 27/07/2022
Mr. Suneel.D	International Webinar on "Advanced Materials for Armour Applications"	Centre for Research and Development in Education and Social Integration (CRESIHRO), Bharat Institute of Engineering and Technology and Indian Ceramic Society, Hyderabad.	01/10/2022
ECE DEPT Faculty Members	One Week Faculty Development Program on "IoT Enabled PLC"	Department of Electrical and Electronics Engineering, Narasaraopeta Engineering College(Autonomous),AP in association with National Institute of Technical Teachers Training & Research, Chandigarh	10/10/2022 to 14/10/2022
ECE Dept. Faculty Members	One Week Faculty Development Program on "Open Source Technologies(ICT 131)"	IQAC & Department of Computer Science and Engineering, Narasaraopeta Engineering College (Autonomous),AP in association with National Institute of Technical Teachers Training & Research, Chandigarh	17/10/2022 to 21/10/2022
Dr. V. Venkata Rao, Dr. J.V.K. Ratnam, Dr. K. Raju, Dr. A.V. Nageswara Rao, Dr. Amit Guptha, Dr. SK. Bajid Vali, Dr. Y. Jaypal Reddy, Dr. SK. Ibrahim Khalilulla, Dr. B. Sunoetha.	One Week Faculty Development Program on "Funding Opportunities in Engineering"	Department of MBA, Narasaraopeta Engineering College (Autonomous), AP in Association with NITTTR, Chandigarh.	14/11/2022 to 18/11/2022
D.Suneel	International Webinar on "Advanced Transparent Ceramic Materials for Defence Applications" (CRESIHRD).	Centre for Research and Development in Education and Social Integration Bharat Institute of Engineering and Technology in Collaboration with Indian Ceramic Society, Hyderabad.	26/11/2022

ECE DEPT Faculty Members	A One Week Faculty Development Program on "Managerial Skills For Technical Teacher and Administrators	IQAC & Department of Mechanical Engineering, Narasaraopeta Engineering College(Autonomous),AP in association with National Institute of Technical Teachers Training & Research, Chandigarh	26/09/2022 to 30/09/2022
ECE DEPT Faculty Members	A One Week Faculty Development Program on "Nanotechnology- Developments and Challenges"	Department of Mechanical Engineering, Narasaraopeta Engineering College (Autonomous), AP in association with National Institute of Technical Teachers Training & Research, Chandigarh.	26/09/2022 to 30/09/2022
Mr.V. Naveen Raja	A 40-hour online Faculty Development Programme on " EDA Tools for Industry 4.0 and its Applications"	Sponsored by Ministry of Electronics and Information Technology(MEITY) GoI, organized by E&ICT Academy, NIT Warangal and Amrita School of Engineering, Amrita Vivsa Vidhyapeetam, Chennai	18/07/2022 to 27/07/2022
Mr. Suneel.D	International Webinar on "Advanced Materials for Armour Applications"	Centre for Research and Development in Education and Social Integration (CRESIHRO), Bharat Institute of Engineering and Technology and Indian Ceramic Society, Hyderabad.	01/10/2022
ECE DEPT Faculty Members	One Week Faculty Development Program on "IoT Enabled PLC"	Department of Electrical and Electronics Engineering, Narasaraopeta Engineering College(Autonomous),AP in association with National Institute of Technical Teachers Training & Research, Chandigarh	10/10/2022 to 14/10/2022
ECE Dept. Faculty Members	One Week Faculty Development Program on "Open Source Technologies (ICT 131)"	IQAC & Department of Computer Science and Engineering, Narasaraopeta Engineering College (Autonomous),AP in association with National Institute of Technical Teachers Training & Research, Chandigarh	17/10/2022 to 21/10/2022
Dr. V. Venkata Rao, Dr. J.V.K. Ratnam, Dr. K. Raju, Dr. A.V. Nageswara Rao, Dr. Amit Guptha, Dr. SK. Bajid Vali, Dr. Y. Jaypal Reddy, Dr. SK. Ibrahim Khalilulla, Dr. B. Sunoetha.	One Week Faculty Development Program on "Funding Opportunities in Engineering"	Department of MBA, Narasaraopeta Engineering College (Autonomous), AP in Association with NITTTR, Chandigarh.	14/11/2022 to 18/11/2022
D.Suneel	International Webinar on "Advanced Transparent Ceramic Materials for Defence Applications" (CRESIHRD).	Centre for Research and Development in Education and Social Integration Bharat Institute of Engineering and Technology in Collaboration with Indian Ceramic Society, Hyderabad.	26/11/2022

FDPS/EVENTS ORGANIZED BY THE DEPARTMENT:

MoU Signing Ceremony	Shubhajit Jagadev Co founder &CEO EduSkills	7-7-2022	
NAAC PEER TEAM VISIT	Chair Person : Dr.Vaidehi Vijay Kumar, Member co-ordinator:Dr. Dharmendra Sharma, Member: Dr. Parikshat Singh Manhas	4-7-22 &5-7-22	
Dept of ECE got Research Centre from JNTUK,kakinada		15-7-2022	
INDUSTRIAL VISIT	Mittapalli Spinners Ltd., Chennatharnkapalem, Narasaraopet, Guntur(Dt),AP.	11-7-2022 to 14-7-2022	II TECH I-Year II-Sem ECE Students A,B,C & D
Essay writing competition on the event of "WORLD YOUTH DAY SKILL DAY"	Library Club, Narasaraopeta Engineering College	12-7-2022	40
Guest lecture on " Hakathons and Internships"	Mr. Ganesh Nagi Doddi-Founder & CEO,Brain O Vision Solutions India Pvt.Ltd.	08-08-2022	III-ECE students
FESTO Expo trainer workshop	Mr. Vamsi Kalyan, ARC trainer: Andhra Pradesh State Skill Development Corporation	11-8-2022	Students from ECE, EEE and ME
MoU	between Narasaraopeta Engineering College and Brain O Vision	8-8-2022	
APSSDC-IES Skill Clusters Initiative programme.	Mr. Vamsi kalyan, ARC trainer, APSSDC	11-08-2022	125
Painting and Essay writing competition on the eve of "Azadika Amrit Mahotsv. 11-08-2022	Narasaraopeta Engineering College-ECE	11-08-2022	134
One Week Faculty Development Program (FDP) on "Advanced VLSI System Design & Challenges"	Dr. Ch. Srinivasa Rao, Professor & Principal JNTUK UCEN, Narasaraopet, AP. Dr. Ramesh Vaddi, Assoc. Prof. & Head, Dept. of ECE, SRM University AP. Nagaraju, AE-Manager, Entuple Technologies, Bengaluru Mr. B.K. Shiva Prasad, Sr. FAE, Entuple Technologies, Bengaluru. Mr. V. Navaneet Krishna, Sr. FAE, Entuple Technologies, Bengaluru. Mr. K. Sudhir Kumar, FAE, Entuple Technologies, New Delhi. Dr. K. Raju, Professor, Dept. of ECE, Narasaraopeta Engineering College, Narasaraopet.	22-8-2022 to 26-8-2022.	30
Webinar on "Build Self Confidence"	Ms. Sita Ravirala, Communication and Transform Coach, Doctorate., WNCBL.	13/09/2022	
Webinar on "The State of Women in Engineering",	Dr. Abha Dargar, Member of IEEE WIE, Asst. Professor, Dept. of ECE, Kalasalingam Academy of Research & Foundation, Tamilnadu	15/09/2022	
One Week Faculty Development Programme on" VLSI Devices and Circuits for AI applications(ICT-122)"	ECE Department,NEC	19/09/2022 to 24/09/2022	
Seminar on "Career Opportunities after B.Tech"	Mr. M. Ramesh, Senior Faculty Member at ACE Engineering Academy.	22/09/2022	
Two days' Workshop on" Developing IoT applications(Hands-on Training)"	Dr. Y.Mohammed Sirajuddin, Assistant Professor, VIT-AP, Amaravathi, Guntur. 2. Prajwal Y. Moreshalemala, Assistant Professor, Dept. of CSE, Vardhaman College of Engineering, Hyderabad.	26/09/2022 to 27/09/2022	III ECE Students (219)
Webinar on "Cyber Security Awareness programme"	JNTUK Team	14/10/2022	70
A seminar on " IoT Drone Applications"	Dr. A. V. Nageswara Rao, Department of ECE, Narasaraopeta Engineering College (Autonomous), AP	21/10/2022	70
Interaction program on "Application Development Services"	Alumni Mr. Sompalli Hari krishna (154714047) Software Developer, Company: Technical Integration Technologies	22-10-2022	II-ECE-B Section Students
Interaction program on "career guidance"	Alumni Mr. Teja Duggabhi (13471A04E1) Technical Analyst, Company: Infosys	29-10-2022	II-ECE-A Section Students (55).
Industrial Visit	All India Radio(AIR), Vijayawada and Nandoor, AP.Radio(AIR), Nandoor, AP"	26/10/2022	B.TECH III Year I Semester ECE students
On the occasion of IETE 69th Foundation Day a Webinar on "Autonomous Navigation Techniques and Applications"	Dr. Pitchaiah Telagathoti, Professor & HOD, Department of ECE, VFSTR,Vadlamudi, Guntur	2/11/2022	60 (III/I ECE D Section
On the eve of 69th IETE Foundation Day – 2022 a Webinar on the theme "National Education Policy-2020"	Dr. M. Sreenivasa Kumar garu, Principal, Narasaraopeta Engineering College (Autonomous), Narasaraopet, AP	2/11/2022	60 (III/I ECE D Section students)
On the eve of "World Television Day", the department of ECE has organized a guest lecture on "Evolution of Television"	Dr. A. V. Nageswara Rao, Associate Professor, Narasaraopeta Engineering College (Autonomous), AP.	21/11/2022	II ECE students (60).



MoU Signing Ceremony by Shubhajit Jagadev Co founder & CEO EduSkills, Life member- Indian society for technical Education(ISTE) Sri Sri University on 7-7-2022



PEER TEAM VISIT on 4-7-22 &5-7-22 Chair Person : Dr.Vaidehi Vijay Kumar, Member co-ordinator: Dr. Dharmendra Sharma Member: Dr. Parikshat Singh Manhas

PEER TEAM VISIT on 4-7-22 &5-7-22 Chair Person : Dr.Vaidehi Vijay Kumar, Member co-ordinator: Dr. Dharmendra Sharma Member: Dr. Parikshat Singh Manhas



Industrial Visit on 11-7-2022, A-Section students



Industrial Visit on 13-7-2022, C-Section students



Essay writing competition on the event of "WORLD YOUTH DAY SKILL DAY" on 12-7-2022, organized by Literary Club, Narasaraopeta Engineering College.



Receiving Research centre certificate from Vice Chancellor, Rector, Registrar and Research director. JNTUK-533003, AP on 15-7-2022.



Jawaharlal Nehru Technological University Kakinada
Kakinada – 533003, Andhra Pradesh
Recognizes
Department of Electronics and Communication Engineering
Narasaraopeta Engineering College, Narasaraopeta
As
RESEARCH CENTRE
For the
Academic Years 2021-22 & 2022-23

Kakinada
19th March, 2022

REGISTRAR

Training Programmes conducted from 01-08-2022 & 06-08-2022 for IV/I ECE students, Training on Aptitude, Verbal and Python, Company: TCS



MoU between Narasaraopeta Engineering College and Brain O Vision on 08-08-2022 in Narasaraopeta Engineering College (Autonomous).



Guest lecture on "Hakathons and Internships", Resource person: Mr. Ganesh Nagi Doddi-Founder & CEO,Brain O Vision Solutions India Pvt.Ltd.., conducted on 08-08-2022, participants: III-ECE students.



CRT Training Programmes conducted from 08-08-2022 & 13-08-2022 for IV/I ECE students ,Training on Aptitude, Verbal and Python, Company: TCS



APSSDC-IES Skill Clusters Initiative programme was conducted on 11-08-2022, resource person: Mr. Vamsi kalian, ARC trainer, APSSDC.



Painting and Essay writing competition on the eve of "Azadika Amrit Mahostav" on 11-08-2022, Conducted by Narasaraopeta Engineering College-ECE.



Principal sir Dr. M. Sreenivasa Kumar addressing the students during FESTO Expo trainer workshop on 11-8-2022. In this workshop, students from ECE, EEE and ME will be trained on PLC Automation and sensor integration.





Regional Meet Institution's innovation Council MoE's Innovation Cell on 12-8-2022 at Sreenidhi Institute of Science and technology, Hyderabad, Organizers: 1. Mr. Dipan Sahu, Assistant innovation Director, MoE's Innovation Cell, 2. Dr. Shruthi Bhargava Choubey, IIC President, Sreenidhi Institute of Science and technology, Hyderabad.



One Week Faculty Development Program (FDP) on "Advanced VLSI System Design & Challenges" conducted from 22/08/2022 to 26/08/2022



Webinar on "Build Self Confidence", Organised by IQAC & department of Electronics and Communication Engineering, Narasaraopeta Engineering College (Autonomous), Narasaraopeta, conducted on 13/09/2022, Recourse person:



One Week Faculty Development Programme on" VLSI Devices and Circuits for AI applications (ICT-122)", conducted on 19/09/2022 to 23/09/2022.



Seminar to III B.Tech. ECE students on "Career Opportunities after B.Tech" and Resource Person: Mr. M. Ramesh, Senior Faculty Member at ACE Engineering Academy, Conducted on 22/09/2022



A filtration test on "Code Mind" conducted for III/I ECE students on 22/09/2022 and Company: Tech Hub



Two days' Workshop on" Developing IoT applications(Hands-on Training)", Organised by department of Electronics in association with IEEE NEC SB & IEEE Guntur Section, conducted from 26/09/2022 to 27/09/2022, Recourse person:1. Dr. Y.Mohammed Sirajuddin, Assistant Professor, VIT-AP, Amaravathi, Guntur , 2. Prajwal Y. Moredukonda, Assistant Professor, Dept. of CSE, Vardhaman College of Engineering, Hyderabad.



Webinar on "Cyber Security Awareness programme", conducted on 14/10/2022, resourse persons: JNTUK team members and participants: 70



A seminar on "IoT Drone Applications" by Dr. A. V. Nageswara Rao, Organized by department of ECE in Association with IETE to enhance technical skills of the students of ECE from AICTE approved and IETE registered Engineering Colleges



"Technical Pick, Talk and Circuithon Competition" on 21/10/2022, Organized by department of ECE in Association with IETE to enhance technical skills of the students of ECE from AICTE approved and IETE registered Engineering Colleges and judge: Dr. SK. Md. Javeed, ECE Hod, NIT, Narasaraopeta, AP.



Industrial Visit to "All India Radio (AIR), Vijayawada and Namboor, AP" for B. TECH III Year I Semester ECE students on 26/10/2022, Organized by the department of Electronics and Communication Engineering, Narasaraopeta Engineering Collage (Autonomous), Narasaraopeta, AP.



Interaction program on "career guidance" by Alumni Mr. Teja Daggubati (13471A04E1) Technical Analyst, Company: Infosys and program was conducted on 29-10-2022 to II-ECE-A Section Students.



On the eve of 69th IETE FOUNDATION DAY – 2022 a Webinar on "Autonomous Navigation Techniques and Applications", Resourse person: Dr. Pitchaiah Telagathoti, Professor & HOD, Department of ECE, VFSTR, Vadlamudi, Guntur and the webinar was conducted on 2/11/2022 and the participants:60 (III/I ECE D Section students)



CRT Training program for II Year I-Semister ECE students, Training Content: CRT /Aptitude, Technical, Verbal, Soft Skills and Programme was conducted from 17/11/2022 to 19/11/2022 and company: Bytexl



On the eve of "World Television Day", the department of ECE has organized a guest lecture on "Evolution of Television" to II ECE students (60). Dr. A. V. Nageswsra Rao, Associate Professor, NEC, AP is the speaker.



STUDENT FOCUS

S.No	Event Name	Details	Date	Target group
1	Alumni interaction	P. Sai Varshini (16471A04A0) B.Tech (2016-2020) batch, working as project Engineer in Wipro	18-7-2022	I-ECE-A,B
2	Alumni interaction	K.Nancy Sushma (16471A0488) B.Tech (2016-2020) batch, working as project Engineer in Wipro	18-7-2022	I-ECE-C,D
3	Interaction program on "Career Guidance"	Alumni Mr. Busi. Narayana (18471A04J7) Developer, Company: HCL Technologies	12-11-2022	II-ECE-B Section Students
4	Interaction program on "Internet of Things and Career Guidance"	Alumni Ms. G. Prathyusha (17471A04C2), Company: Lennox India Technology Centre Pvt Ltd, Designation: Graduate Engineer Trainee-IOT Testing	18-11-2022	III-ECE-B Section Students
5	Interaction program on "Career Guidance"	Alumni Mr. Eswara Prasadu Nandiri (14471A0421), Company: ZF Tech Centre India Hyderabad, Designation: Senior Software Engineer.	18-11-2022	II-ECE-D Section Students (70).



Alumni interaction with I-ECE students by P. Sai Varshini (16471A04A0) B.Tech (2016-2020) batch, working as project Engineer in Wipro on 18-7-2022



Alumni interaction with I-ECE students by K.Nancy Sushma (16471A0488) B.Tech (2016-2020) batch, working as project Engineer in Wipro on 18-7-2022



Interaction program on "career guidance" by Alumni Mr. Busi. Narayana (18471A04J7) Developer, Company: HCL Technologies and program was conducted on 12-11-2022 to II-ECE-B Section Students.



Interaction program on "Internet of Things and Career Guidance" by Alumni Ms. G. Prathyusha (17471A04C2), Company: Lennox India Technology Centre Pvt Ltd, Designation: Graduate Engineer Trainee -IOT Testing and program was conducted on 18-11-2022 to III-ECE-B Section Students.

Interaction program on "Career Guidance" by Alumni Mr. Eswara Prasadu Nanduri (14471A0421), Company: ZF Tech Centre India Hydembad, Designation: Senior Software Engineerand program was conducted on 18-11-2022 to II-ECE-D Section Students (70).



List of Training programs by CRT

Program Name	Organization	Dates	Student Details
Aptitude, Verbal and Python	TLS	03-08-2022 to 06-08-2022	IV-I
Aptitude, Verbal and Python CRT training	TLS	08-08-2022 to 13-08-2022	IV-I
Code Mind Practice Session	Tech Hub	3.8.2022	III-I
Code Mind Practice Session	Tech Hub	08-08-2022	III-I
A Hackathon to carry "Code Mind"	Tech Hub	23/09/2022	III-I ECE
CRT, Content: Aptitude and Technical	Byjus	12/10/2022 to 15/10/2022	II-I ECE III-I
Poster Presentation on "Innovative ideas in Electronics" in association with Institute Of Electronics And Telecommunication Engineers (IETE)	Department of Electronics and Communication Engineering	14/10/2022	II-I
CRT, Content: Aptitude, Verbal and Technical	Byjus	17/10/2022 to 22/10/2022	III-I ECE
"3 Days Boot camp + 15 Days Hackathon Full stack Web Development"	Narasaraopeta Engineering College (Autonomous), AP	19/10/2022 to 29/10/2022	10
"Technical Poll, Skill and Creativity Competition"	Dept of ECE,NEC	21/10/2022	70
CRT Aptitude, Technical, Verbal, Soft Skills	Byjus	17/11/2022 to 19/11/2022	III-I ECE
CRT Aptitude, Technical, Verbal, Soft Skills	Byjus	17/11/2022 to 19/11/2022	III-I ECE
CRT Aptitude, Technical, Verbal, Soft Skills	Byjus	28/11/2022 to 01/12/2022	III-I ECE



CRT Training program conducted to III ECE I Semester students, training Content: Aptitude and Technical and the program conducted from 12/10/2022 to 15/10/2022.



Poster Presentation on "Innovative ideas in Electronics" in association with Institute Of Electronics And Telecommunication Engineers (IETE), conducted on 14/10/2022, organized by the department of Electronics and Communication



CRT Training program conducted to III ECE I Semester students, training Content: Aptitude, Verbal and Technical and the program conducted from 17/10/2022 to 22/10/2022.

CRT Training program for II Year I-Semister ECE students, Training Content: CRT /Aptitude, Technical, Verbal, Soft Skills and Programme was conducted from 21/11/2022 to 26/11/2022 and company: Bytexl





CRT Training program for II Year I-Semister ECE students, Training Content: CRT /Aptitude, Technical, Verbal, Soft Skills and Programme was conducted from 21/11/2022 to 26/11/2022 and company: Bytexl.

CRT Training program for II Year I-Semister ECE students, Training Content: CRT Aptitude, Technical, Verbal, Soft Skills and Programme was conducted from 28/11/2022 to 01/12/2022 and company: Bytexl.



Symposium Details:

Event name	Organized by	Dates	Student details	Prizes if any
BOOTCAMP & HACKATHON	NEC, Narasaraopet	24-08-2022 to 27-08-2022	03	3rd price
BOOTCAMP & HACKATHON	NEC, Narasaraopet	24-08-2022 to 27-08-2022	61	Participated
UDGAMA	Vignan University	22nd October 2022	22	Participated

Internship Details

S.No	Organization name	No.of students	Status
1	AICTE	52	Completed
2	Bodha software	03	Completed
3	CISCO	01	Completed
4	Future Skills Prime	02	Completed
5	Iintershala	01	Completed
6	Internshipstudio	03	Completed
7	Pantech Solutions	52	Completed
8	Rigel business Insight	01	Completed
9	Skill Vertex	110	Completed
10	Suven Consultants	03	Completed
GRAND TOTAL		228	

NPTEL Course Details

Student details	No.of students	Result
III-I ECE	63	ELITE
III-I ECE	61	Successfully completed

Academic Toppers



I B.Tech.II Semester-ECE Toppers



II B.Tech.II Semester-ECE Toppers



III B.Tech.II Semester-ECE Toppers



IV B.Tech.II Semester-ECE Toppers

Alumni Voice:



Rambabu Konakanchi
Atos Syntel, Austin , Texas,USA
Technical Architect
2011, ECE
07471A0453

"The joy of learning is as indispensable in study as breathing is in running."
This quote by Simone Weil very aptly alludes to the importance of learning in our lives. To keep learning is to keep growing. Time and again, we are all reminded of one life experience that has shaped us into a better version of ourselves. It is one that has helped us find the right direction and has taught us important life skills.
In a candid conversation with the Editorial team, he shares his leanings from his time at the college that have helped him in adapting to challenges, recognising opportunities and realising the importance of self-development. Read in his own words the journey of his transformation from being an above average student to becoming a Technical Architect in internationally reputed and US based Company.
Your articleship is the first opportunity to polish your skill set and get set for the professional environment. I am sharing a list of the skills I gathered from an arduous yet rewarding articleship.

- Time management & Research
- Art of documentation & Speedreading
- Opportunities at work &The written word
- Networking & Embracing Technology
- Exploring new places & External learning

Student's Voice:



G. Praani Pradhan
19471A04J4
IV-II ECE

The campus has good infrastructure and is very beautiful with perfect blend of nature. There is something motivational and special in this environment and infrastructure which made us study and enjoy co-curricular activities. All the faculty and staff members are very helpful and they guided us all the time. Different events and sessions did boost my confidence to a great extent that I can experience at my workplace now. These four years have given me friends for life. It has been an unforgettable journey.
At first i want to share my views on Technical student chapters. In my college every department has their student bodies in various academic and cultural committees.We have IETE,ISTE and IEEE students committees in order to provide the platform to exhibit our research interest and to gain knowledge buy attending various programs.

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:
- Mould the students to become software Professionals, researchers and entrepreneurs by providing advanced laboratories.
- Impart high-quality professional training to get expertize in modern software tools and technologies to cater to the real-time requirements of the industry. Inculcate teamwork and lifelong learning among students with a sense of societal and ethical responsibilities.

Robotic Process Automation and Artificial Intelligence

Abstract

Taking into account the technological evolution of the last decades and the proliferation of information systems in society, today we see the vast majority of services provided by companies and institutions as digital services. Industry 4.0 is the fourth industrial revolution where technologies and automation are asserting themselves as major changes. Robotic Process Automation (RPA) has numerous advantages in terms of automating organizational and business processes. Allied to these advantages, the complementary use of Artificial Intelligence (AI) algorithms and techniques allows to improve the accuracy and execution of RPA processes in the extraction of information, in the recognition, classification, forecasting and optimization of processes. In this context, this paper aims to present a study of the RPA tools associated with AI that can contribute to the improvement of the organizational processes associated with Industry 4.0. It appears that the RPA tools enhance their functionality with the objectives of AI being extended with the use of Artificial Neural Network algorithms, Text Mining techniques and Natural Language Processing techniques for the extraction of information and consequent process of optimization and of forecasting scenarios in improving the operational and business processes of organizations.

Introduction

The availability of digital services is seen as a growing trend at a company-level, taking into account the greater use of the proliferation of information systems in society and the technological evolution that we are witnessing at various levels. The form of communication between citizens, companies and institutions started to be mostly through the exchange of digital information. In view of the high volume of information and digital documentation exchanged between entities, in general, it is humanly impossible to respond in a timely manner to the processing of all information and to follow up on processes internally. In this sense, we highlight the importance of Robotic Process Automation (RPA), which can be defined as a "technique that results in the automatic execution of administrative, scientific or industrial tasks" which uses robotics as a "set of techniques concerning the operation and use of automata (robots) in the execution of multiple tasks in place of man" for "how to do a thing; standard; method; system". In this context and in a nutshell, the RPA tools correspond to a set of techniques that aim to improve the work by reducing the number of repetitive tasks, automating them. In addition to the use of RPA, the complement with Artificial Intelligence (AI) - algorithms and techniques - allows to improve the precision of the execution of automated processes. Industry 4.0 reviews a set of technologies and sensors that allows an even greater advance in the processes and applications of automation of AI applications for organizational processes, contributing to a better performance and presenting new opportunities.

The main contribution of this paper is essentially in providing a review of AI and RPA contributions to Industry 4.0 as well as in the analysis and comparison of several proprietary and opensource tools regarding their functionalities. This document is structured as follows. In chapter two the general concept about Robotic Process Automation is presented and in section 3 the general concept of Artificial Intelligence.

Robotic Process Automation

Robotic Process Automation (RPA) is the automation of services tasks that reproduce the work that humans do. The automation is done with the help of software robots or AI workers that are able to perform, accurately, repetitive tasks. The task instructions are set by the developer using some form of screen recording and defining variables. These tasks include actions like logging into applications, copying and pasting data, opening emails, filling forms, among others. Van der Aalst et al. state that "RPA is an umbrella term for tools that operate on the user interface of other computer systems". Although traditional forms of process automation (like screen recording, scraping and macros) also rely on the computer's user interface, RPA's core function is via element identification and not by screen coordinates or XPath selections. This, in most cases, provides a more intelligent interaction with the user interface. Commercial vendors of RPA tools report a surge in demand since 2016, and we see some research where these tools are used for automating digital forensics, auditing and industry. The advent of the fourth industrial revolution is paving the way for new ways to automate mundane rules-based business processes, using RPA tools on information obtained from smart devices . For business processes, RPA is the extrapolation of a human worker's repetitive tasks by a robot (where those tasks are done quickly and profitably). This aims to replace people by automation in an outside-in manner. Unlike traditional methods, RPA is not part of the information infrastructure but rather sits on top of it, implying a low level of intrusiveness possibly reducing costs. Some reports present a 30% to 50% decrease in operational costs of transactional activities within shared services with the use of RPA technologies.

Artificial Intelligence

At one time AI was a concept divided into major fields of application. Some of those fields where natural language processing, automatic programming, robotics, computer vision, automatic theorem proving, intelligent data retrieval, etc. Nowadays these application areas are so extensive that each could be considered a field in and of itself. AI is now best described as a group of core ideas that underline many of these applications. The use of AI by machines to complete complex tasks, reduce costs and improve the quality of goods and services is the core principle of smart factories. AI technologies are permeating the manufacturing industry and merging the physical and virtual worlds with the help of cyber-physical systems. The use of AI makes the manufacturing industry smart and capable of addressing modern challenges like customizable requirements, reduced time to reach the market and increasing number of sensors used in equipment. The use of flexible robots combined with AI allows for easier manufacturing of different products. AI methods (like data mining) are capable of analyzing large volumes of real- time data gathered from various sensors.

RPA Tools with IA support

In recent years, AI algorithms and Machine Learning (ML) approaches have been successfully applied in real- world scenarios, such as commerce, industry and digital services. ML is used to "teach" machines how to deal with data more efficiently, simulating the learning concept of rational beings and can be implemented with AI algorithms (or techniques), reflecting the paradigms / approaches of rational characteristics such as connectionist, genetics, statistics and probabilities, based on cases, etc. With the AI algorithms and based on the ML approach, it is possible to explore and extract information to classify, associate, optimize, group, predict, identify patterns, etc. Given the scope of the applicability of AI, RPA has gradually been adding, to its automation features, implementations of algorithms or AI techniques applied in certain contexts (e.g.: Enterprise Resource

Planning, Accounting, Human Resources) to classify, recognize, categorize, etc. In recent years, some academic studies have been published as challenges and potential, as well as case studies of the applicability of RPA and AI, as are the cases of articles in the field of automatic discovery and data transformation, in the audit area, in the application of Business Process Management and in productivity optimization processes . Other studies on the intelligent automation of processes using RPA have been published, such as that of the consultancy Delloite , which presents the potentialities of the applicability of AI algorithms and techniques, but it should be applied in well-defined, stabilized and mature processes, like in strategic areas focused on customer tasks, increasing employee productivity (optimizing routine tasks), improving accuracy in categorizing and routing processes, improving the experience with customers and employees, enhancing the analytical data analysis, reduce fraud and payment of "fines" processes for non-compliance with dates or procedures defined by government institutions. In this context, and based on the above, if on the one hand there are challenges and potentialities of the concept of automation using RPA, these may be further enhanced with the application of algorithms and AI techniques. The following sections present commercial and open source tools that we consider representative of the recent applicability of RPA (ideally with the application and some AI techniques or algorithms).

UiPath

UiPath is a tool that allows the development of RPA functionalities in its framework to create and execute programming scripts, allowing it to be programmed with an interface of blocks and multiple plugins for the business process customizations. The RPA UiPath platform is currently structured in three modules, UiPath Studio, UiPath Robot and UiPath Orchestrator, in which the latter allows the possible orchestration of robots. The UiPath Studio module corresponds to a tool that allows to design, model and execute workflows and help in the creation and maintenance of the connection between robots, as well as to ensure the transfer of packages, management of queues. In turn, with the storage of log records and linked with Microsoft's Information Services Server and SQL Server, as well as with Elasticsearch (which is open source and built on the Apache License search engine) with a Kibana data visualization plugin also allows to potentiate the view of analytical information associated with the execution of RPA processes. Some Artificial Intelligence techniques or algorithms are currently available through the UiPath tool through its UIAutomation module and which are disclosed on its official page, of which the following stand out: recognition, optimization, classification and information extraction. In terms of AI algorithms, for the information consulted they use image and character recognition, optimization, classification.

- NAAC INSPECTION 4th & 5th JULY 2022 in CSE Department.
- Department of CSE Extends A Warm welcome to Dr.Vaidehi VijayaKumar (CHAIRPERSON), Dr.Dharmendra Sharma (MEMBER COORDINATOR AND Dr.Parikshat Sing Manhas (MEMBER) OF NAAC PEER TEAM
- NACC INSPECTION DATES 4th & 5th JULY 2022





Departement of CSE participated in MoU SIGNING CEREMONY NEC with EDUSKILLS FOUNDATION, ODISHA Date 07-07-2022.



- Dr.K.Lakshminadh published a paper in the scopus.
- R&D CENTER sanctioned for CSE Department.

Jawaharlal Nehru Technological University Kakinada
Kakinada – 533003, Andhra Pradesh
Recognizes
Department of Computer Science and Engineering
Narasaraopeta Engineering College, Narasaraopeta
As
RESEARCH CENTRE
For the
Academic Years 2021-22 & 2022-23

Kakinada
19th March, 2022

REGISTRAR
REGISTRAR
J.N.T. University Kakinada
Kakinada-533003

CSE Ist year students participated and won the prizes from Dist. Collector, Palnadu on the occation of World Youth Skills Day-2022.



• CSE teams shortlisted for Smart India Hackathon Grand Finale-2022.

SIH - 2022 SHORT LISTED TEAMS FOR GRAND FINALE

1. Team Name :Stpirit Angels
Team Leader Name:N. BHANU SRAVYA
Ministry:Department of Social Justice & Empowerment, Ministry of Social Justice and Empowerment
Domain:Smart Education
Title; Simplifying the selection process of financially weak students for granting aid for coaching for competitive exams.

	Name	Gender (M/F)	Email id	Mobile number	Stream	Year
Team leader	N.BhanuSravya	F	[redacted]	9347669098	CSE	III
Team Member	T.Naga Mounika	F	[redacted]	8186025952	CSE	III
Team Member	S.Neha	F	[redacted]	7680915699	CSE	III
Team Member	T.SumaDurga	F	[redacted]	7569880294	CSE	I
Team Member	B.Vasavani	F	[redacted]	8247626375	CSE	I
Team Member	G.Siva Anjali	F	[redacted]	9573369415	CSE	I
Mentor1 (optional)	Dr.S.N.Tirumala Rao	m	[redacted]	9885271324		



1. Team Name :EcoTechs
Team Leader Name:K.SAI CHARANI
Ministry:Ministry of Housing and Urban Affairs
Domain:Clean & Green Technology
Title:
Suggest a solution to help municipal bodies maximize solid waste collection with their given resources.

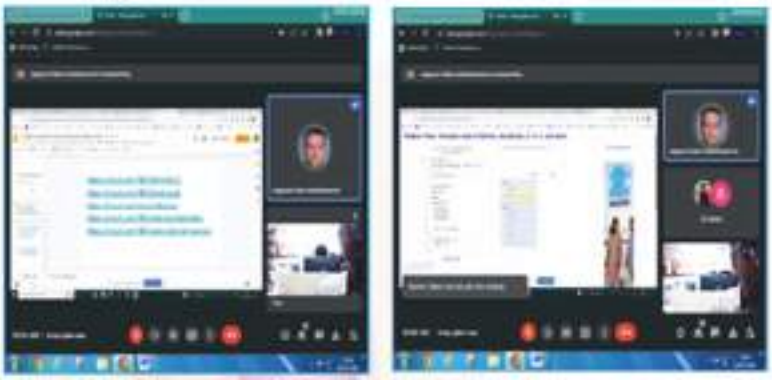
	Name	Gender (M/F)	Email id	Mobile number	Stream	Year
Team leader	K.Sai Charani	F	[redacted]	[redacted]	CSE	III
Team Member	G.Jai Keerthi	F	[redacted]	[redacted]	CSE	III
Team Member	M.Anitha	F	[redacted]	[redacted]	CSE	III
Team Member	M.Mahidhar Reddy	M	[redacted]	[redacted]	CSE	III
Team Member	A.Ramesh	M	[redacted]	[redacted]	CSE	III
Team Member	K.Krishna	M	[redacted]	[redacted]	MECH	III
Mentor 1 (optional)	B.Siva Kanaka Rao	M	[redacted]	[redacted]	CSE Dept.	
Mentor 2 (optional)	G.Veeranjaneyulu	M	[redacted]	[redacted]	S/W Industry	



1. Team name:Cabin Full Of Thoughts
Team leader:Surya Teja
Ministry: ministry of housing and urban affairs
Domain:Agriculture Food Tech and rural development
Suggest a solution to help the ULBs/State/UT Governments to monitor or control the growth of slums in the country and develop a self-sustained environment to ensure affordable housing in order to avoid growth of slums in future.



Department of CSE conducted a Guest Lecture On Data Visualizing Code



• Department of CSE participated in Mou exchange with ExceleR On 30-07-22.



• Painting and Essay Writing Competition on the eve of Azadi Ka Amrit Mahotsav on 11-8-22.





• Dr S V N Srinivasu has participated in the Regional Meet, Institution's Innovation Council, MoE's Innovation Cell held on 12/8/22 at Sreenidhi Institute Of Science and Technology, Hyderabad.

Demo day organised for SIH Grand Finale- 2022 selected students with the association of IIC.





• One week national level FDP ON Amazon WEB Services in Association with (Brino Vision)from August 22nd to 27th, 2022.

• Department of CSE conducted a 2-Day Bootcamp+32 hour Fullstack webdevelopment was organized to the students in association with BrainoVision solution India Pvt Ltd Hyderabad during 24th-27th August,2022. Hackathon on Fullstack webdevelopment was conducted to the students . Were students developed projects.



Two teams Eco Techs and Cabin Full Of Thoughts(each consisting of six members)from CSE Dept have attended SIH 2022 Grand Finale at Manipal University Jaipur, Rajasthan and one team,Sprit Angels (consisting of six members) from CSE Dept have attended SIH 2022 Grand Finale at Parul University Vadodara Gujarat during 25th-26th August ,2022.Mentors for three teams are.

Spirit Angels Team:
Mr.K.Jayaprakash (Assistant Prof CSE)
Eco Techs Team:
Mr.K.V. Narasimha Reddy (Assistant Prof CSE)
Cabinfull of Thoughts Team:
Mr.M.Satyam Reddy (Assistant Prof CSE)







• Two faculty members(Dr.S.V.N SRINIVASU, Dr.K.LAKSHMI-NADH) are participated in One week national level FDP ON Nanosensors Devices in Association with(National Institute of Technical Teachers Training and Research chandigarh)from 22/08/2022 to 26/08/2022.





• A One Day Workshop on StartUp and Incubation Support Services by NSIC. One faculty member (D.Venkatreddy) is participated in One week FDP ON Faculty Enablement Programme(FEP) On "DevOps-CICD" in Association with (JNTUK) from 12/09/2022 to 16/09/2022.



• Build Self Confidence Programme Organised by IQAC,Department of CSE & IT on 13 sep 2022.





• Shanmukha Priyanka Jaladi 2023 Batch Dept of CSE For Being Placed in IBM Package 7.25 LPA.

• Honeywell Training Programmes conducted for students
• IV/I Honeywell training from 13/10/22 to 25/10/22.
• IV/I assignment from 13/10/22 To 15/10/22.
• III/I Bytexl training from 13/10/22 to 23/10/22.







• A CSR Initiative sponsored by Honeywell center of excellence for Women Empowerment Inauguration on 12/10/22.



• On the occasion of Innovation Day, poster presentations conducted in cse department on 14/10/22.



• As part of innovation day competetions have conducted to the students on Clound computing ,AI&ML, Cyber Security,5g Technologies, Blockchain.





• III/I Bytexl training from 13/10/22 to 23/10/22

bootcamp+32 Hour hackathon Full Stack Webdevelopment inauguration and hackathon training pro A 2 Day gram.







• A One Week National Level Faculty Development Program on Open Source Technologies(ICT 131) In Association with NITTTR, Chandigarh from 17th - 21st October, 2022.





A meeting was conducted on revision of academic audit report on 20/10/22 .Hods and nba criteria incharges from ECE and CSE department.

• A One Week National Level Faculty Development Program on Open Source Technologies(ICT 131) In Association with NITTTR, Chandigarh from 17th - 21th October, 2022.



Coordinator : Dr. S.V.N.Sreenivasu Prof. in CSE Dept.

• A One Week National Level Faculty Development Program on Open Source Technologies (ICT 131) In Association with NITTTR, Chandigarh from 17th- 21th October, 2022.





• IV/I Honeywell training from 17/10/22 to 1/11/22.





Mr. S.Akshay Kumar student of Narasaraopeta Engineering College has won 2nd prize in the event "CAREER YOJANA" organized by the department of CSE B.V Raju Institute of Technology in "A National Level Technical Symposium,PROMETHEAN 2k22" held on 12th & 13th of October 2022.







• HoneyWell CENTER OF EXCELLENCE FOR WOMEN EMPOWERMENT training program completed on 1/11/22.



• Alumni students Mr.Gopi and Mr.Ravi chaitanya of 2010-2014 batch(CSE) have visited the department 29/10/22 and interacted with 2nd year B.Tech students. Presently working as Software Engineer in TCS, Banglore.





• Alumni student M.Deepthi 2002-2-16 batch(CSE) is visited the department 4/10/22 and interacted with 2nd year B.TECH students.



ISO Meeting conducted on 11/11/22.





• Medha Servo placement exam conducted on 11/11/22.



D.Venkatareddy(Asst.Prof) Dept. of CSE Attended and completed NPTEL-AICTE FDP certification.



• Honeywell volunteering session on 19/11/22.







• Expert Intaractive Session On Industry Insights And Job-Readiness in AI&ML and DataScience.

II B.Tech I Sem CRT Bytexl training from 17/11/22 to 26/11/22.





• Prize distribution of Navayuva event organized by CSI-NEC STUDENT Branch during 8th-9th Sept ,2022.On the occasion of Expert Intaractive Session On Industry Insights And Job-Readiness in AI&ML and DataScience.





ISO file verification conducted on 19/11/22 in 201 lab.





ISO files verification conducted on 3/12/22.



II/I Foreign internship program conducted on 2/12/22.

Dr.K.Lakshminadh(Professor) awarded NPTL+Workshop Certificate.



• CSE students participated in JNTUK volleyball selections for boys held on 28. II.22 at NEC





Dr.K.Lakshminadh (Professor) has participated in a One-week Online FDP on "Recent Trends In Application of Emerging Technologies organized by Dept Of Cse ,VVIT,Nambur,Guntur (Dt) in association with SOLETE, Vijayawada.

N.Ananthramireddy (Asst.Prof) has participated in a One-week Online FDP on "Recent Trends In Application of Emerging Technologies organized by Dept Of Cse ,VVIT,Nambur,Guntur (Dt) in association with SOLETE, Vijayawada



• I/I Students are visited spinning mills from 07/12/22 To 9/12/22.



II/I Bootstrap workshop from 10/12/22 to 12/12/22.. by K. Lingachari.. Resource person.



• Certificate Institution's Innovation Council(IIC) established at Narasaraopeta Engineering College, NARASARAOPET.





Dr.S.V.N Sreenivasu (Professor) has participated in a One-week Online FDP on "Recent Trends In Application of Emerging Technologies organized by Dept Of CSE, VVIT, Nambur, Guntur (Dt) in association with SOLETE, Vijayawada.

• Institutions Innovation Council. presents National level ideathon-2022 on 16-12-2022(Friday).



An Expert Lecture on The Future Paradigm-Next Generation Technologies New Generation Jobs on 27/12/22,organized by IQAC,Dept of CSE&IT.
Resource Person:Srinivas Tatavarty, Founder&CEO,EDACE Pvt.Ltd., Chennai.



ICT Academy Bridge 2022-Hyderabad Industry-Institute Interaction Event 49th Edition on 28/12/22.





Student's Voice:

Narasaraopeta Engineering College is one of the best college in this region . It is a great honour to be a part of this institute . It is the best place for graduation. All the faculty here are highly educated. Their knowledge helps us to achieve many things. There is a friendly environment and we can clarify our doubts at any time . High quality and digital education is provided . Practical learning is preferred rather than theoretical learning so that we can learn the topic easily . Training programs and workshops are conducted frequently to increase our knowledge. Various Hackthons, coding competitions are conducted which helps us to enhance our skill and build compitative spirit.



A.Manvitha
21471A0572

Alumni Voice:



B. Vamsi Krishna
15471A05J9
IBM, 12D,
Raheja Mindspace,
Hyderabad

"I had the opportunity to collaborate with brilliant minds and professors who inspired me to think creatively and solve complex problems, experiences that have positively shaped my approach to work in the IT field. "In college, I actively participated in various tech-related clubs and workshops, which allowed me to stay updated with the latest industry trends and technologies. "I'm proud of my academic achievements, earning high grades and recognition for my contributions to class projects and research papers. "Throughout my college journey, I had the privilege of being mentored by professors who were not only experts in their fields but also deeply committed to their students' success. "College provided me with the perfect environment to develop essential soft skills such as teamwork, communication, and time management, which are crucial in the IT industry. "I had the chance to work on real-world projects during internships, which gave me valuable hands-on experience and prepared me for the challenges of the IT workplace.""One of the highlights of my college experience was being part of a team that won a prestigious tech competition, showcasing our ability to innovate and deliver results under pressure. "The college's networking opportunities allowed me to connect with industry professionals and alumni, opening doors to exciting career prospects within the IT sector. "I am grateful for the supportive and diverse community of peers I had in college, as they exposed me to different perspectives and helped me grow both personally and professionally. "As a result of my college education, I've developed a curious and adaptable mindset, enabling me to quickly learn new technologies and stay relevant in a rapidly evolving IT landscape. "My college encouraged me to pursue my passion for technology and provided access to cutting-edge resources and research facilities that enriched my academic journey.""Through industry guest lectures and workshops organized by the college, I gained insights from seasoned IT professionals, which proved invaluable in shaping my career path.""I feel fortunate to have had professors who encouraged critical thinking and innovation, fostering an environment where we were encouraged to push our boundaries and aim for excellence. "College taught me the importance of continuous learning, and I carry that mindset with me as I constantly seek opportunities for professional growth in the IT field."

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:

Robotic Process Automation and Artificial Intelligence

Taking into account the technological evolution of the last decades and the proliferation of information systems in society, today we see the vast majority of services provided by companies and institutions as digital services. Industry 4.0 is the fourth industrial revolution where technologies and automation are asserting themselves as major changes. Robotic Process Automation (RPA) has numerous advantages in terms of automating organizational and business processes. Allied to these advantages, the complementary use of Artificial Intelligence (AI) algorithms and techniques allows to improve the accuracy and execution of RPA processes in the extraction of information, in the recognition, classification, forecasting and optimization of processes. In this context, this paper aims to present a study of the RPA tools associated with AI that can contribute to the improvement of the organizational processes associated with Industry 4.0. It appears that the RPA tools enhance their functionality with the objectives of AI being extended with the use of Artificial Neural Network algorithms, Text Mining techniques and Natural Language Processing techniques for the extraction of information and consequent process of optimization and of forecasting scenarios in improving the operational and business processes of organizations.

The availability of digital services is seen as a growing trend at a company-level, taking into account the greater use of the proliferation of information systems in society and the technological evolution that we are witnessing at various levels. The form of communication between citizens, companies and institutions started to be mostly through the exchange of digital information. In view of the high volume of information and digital documentation exchanged between entities, in general, it is humanly impossible to respond in a timely manner to the processing of all information and to follow up on processes internally.

Process Automation (RPA), which can be defined as a "technique that results in the automatic execution of administrative, scientific or industrial tasks" which uses robotics as a "set of techniques concerning the operation and use of automata (robots) in the execution of multiple tasks in place of man" for "how to do a thing; standard; method; system". In this context and in a nutshell, the RPA tools correspond to a set of techniques that aim to improve the work by reducing the number of repetitive tasks, automating them. In addition to the use of RPA, the complement with Artificial Intelligence (AI) - algorithms and techniques - allows to improve the precision of the execution of automated processes. Industry 4.0 reviews a set of technologies and sensors that allows an even greater advance in the processes and applications of automation of AI applications for organizational processes, contributing to a better performance and presenting new opportunities.

The main contribution of this paper is essentially in providing a review of AI and RPA contributions to Industry 4.0 as well as in the analysis and comparison of several proprietary and open source tools regarding their functionalities. This document is structured as follows. In chapter two the general concept about Robotic Process Automation is presented and in section 3 the general concept of Artificial Intelligence.

FACULTY FOCUS:

1. Dr.G.Syam Prasad,Professor,HOD of IT-Dept has participated in Virtual Conference On "Artificial Intelligence and Its Emerging Areas, (NEC-ICAIEA-2K22)",16th-17th July 2022 Organized by Department of Computer Science and Engineering in Association with CSI, Narasaraopeta.

2. Dr.G.Syam Prasad,Professor,HOD of IT-Dept has participated in one week Faculty Development Program on Outcome Based Education Conducted by Education and Educational Management Department from 19-09-2022 to 23-09-2022.

3. P.Ramesh Babu , Assistant professor ,IT-Dept has participated in one week Faculty Development Program on Nano Sensors and Devices Conducted by Applied Science Department from 22-08-2022 to 26-08-2022.

4. P.Ramesh Babu , Assistant professor ,IT-Dept has participated in one week Faculty Development Program on Amazon Web Services Conducted by Department of CSE,GMR INSTITUTE OF TECHNOLOGY,RAJAM from 22-08-2022 to 27-08-2022.

5. P.Ramesh Babu , Assistant professor ,IT-Dept has participated in one week Faculty Development Program on Outcome Based Education Conducted by Education and Educational Management Department from 19-09-2022 to 23-09-2022.

6. T.Venkata Manohar , Assistant professor ,IT-Dept has participated in one week Faculty Development Program on Outcome Based Education Conducted by Education and Educational Management Department from 19-09-2022 to 23-09-2022.

7.Venkata Manhoar , Assistant professor ,IT-Dept has participated in one week Faculty Development Program on Managerial Skills for Technical Teachers and Administrators Conducted by Educational Management Department from 26-09-2022 to 30-09-2022.

8. U. Vijay Kumar got Best Teacher Award on Happy Teachers Day (05-09-2022).

DEPARTMENTAL ACTIVITIES:

TECH HUB Training had conducted for III BTECH I SEM OF IT Students on 03-09-2022.





Bytexl CRT Training had conducted for II B.TECH I SEM OF IT students on 28-11-2022

HACKTHON training had conducted for III BTECH I SEM of IT & AI Students On 08-08-2022.





IT & AI Department Had Celebrated Happy Engineers Day on 15-09-2022.



Internship Viva Voice had conducted for IV B.TECH I SEM OF IT students on 26-11-2022



Honey Well Training had conducted for III BTECH I SEM OF IT & AI Students on 26-10-2022.

INDUSTRIAL VISITS:



I B.TECH II SEM OF IT students were Visited at MIT-TAPALLI SPINNING MILL on 18-07-2022

MOUs:



Department of IT had participated in MoU SIGNING CEREMONY NEC with EDUSKILLS FOUNDATION, ODISHA on 07-07-2022



Department of IT had participated in Mou exchange with ExceleR On 30-07-22.

STUDENT FOCUS:

Training Programs:

S.no	Dept.	Year	Training	Duration
1	IT&AI	2-1	Bytexl	21-11-2022 to 26-11-22
2.	IT&AI	3-1	Tech Hub	03-09-2022 to 10-09-22
3	IT&AI	3-1	Hackthon	08-08-2022 to 08-08-22
4.	IT&AI	3-1	Honeywell	26-10-2022 to 26-10-22

STUDENT CERTIFICATIONS PARTICIPATIONS IN WORKSHOPS / CONFERENCES/NSS PROGRAMS:

STUDENT CERTIFICATIONS:

Training Programs:

S.no	Name	Dept	Title	Certificate
1	Arv Rajasekhar Reddy	IT	Cloud computing	NPTEL
2	Ambalia Aswini	IT	Soft Skills	NPTEL
3	B.Poojitha	IT	Clouding Computing	NPTEL
4	B.Penchala Pratap		Cloud Computing	NPTEL
5	B.Sai Lakshmi Aparna	IT	Cloud Computing	NPTEL
6.	Sk.Jabeen sultana	AI	Joy of computing using python	NPTEL
7.	T.Sai Vamsi	AI	Cloud computing	NPTEL
8	.D.Mahesh	AI	Cloud Computing	NPTEL
9.	B.Venkata Akhila	AI	Cloud Computing	NPTEL
10.	Sk.Nadeem	AI	Cloud Computing	NPTEL

CO-CURRICULAR ACTIVITIES (SPORTS):

S.no	Dept	Year	Event	Prize
1	IT&AI	3rd & 4th	Cricket	Winners
2	IT&AI	3rd & 4th	Cricket	Runners
3	AI	3rd	Hackthon	1st
4.	AI	3rd	Hackthon	2nd
5.	AI	3rd	Full Stack Web Development	2nd
6.	AI	2nd	Innovation Day Competitions	2nd
7.	AI	3rd	Photography Competitions	3rd

NSS ACTIVITIES:

Information Technology department students were participated "75th Azadi Ka Amrit Mahotsav Har Ghar Tiranga Palandu Zilla Jatiya Pataka Shoba Yatra", as a part of NSS activityon 10/08/2022 at S.S & N College Narasaraopet.





Information Technology department students were participated in "Painting and Essay Writing Competition on the eve of AzadiKaAmritMahotsav", as a part of NSS activityon 11/08/2022.

Free Dental Check Up Program had conducted for III BTECH I SEM OF AI Students on 09-09-2022





Faculty from Information Technology department participated in "National United Day", on the birth Anniversary of Sardar Vallabhai Patel organized by Narasaraopeta Engineering College Narasaraopet on 31/10/2022.

CAMPUS PLACEMENTS:

14 students of IT got selected in various companies listed below.

HT No.	Name of the Student	Selected Company	Date of recruitment	Annual Package
19471A1204	ATTELUKI VISHNU	MU SIGMA	AUG 02	5.0 LAKH
19471A1207	BHNAU PRAKASH CHEKKA	PROLITICS	AUG 16	4.0 LPA
19471A1209	BUSI HARIKA	NEEBAL	NOV 10	4.51 PA
19471A1214	EVANI PRASANNA HARI GOPAL	HCL	AUG 26	4.25 LPA
19471A1215	GANGINUMURAVALI	HCL	AUG 26	4.25 LPA
19471A1217	SUMATHI GOTHPATI	AMDOCS	SEP 20	5.22 LPA
19471A1223	KALERAO SRAVANI	HCL	AUG 26	4.25 LPA
19471A1227	KONDA VENKATESWARA REDDY	HCL	AUG 26	4.25 LPA
19471A1229	KOTHAMASU MOHAN AJAY KUMAR	APPS ASSOCIATE	NOV 20	6.0LPA
19471A1232	MADDULA ROOPESH REDDY	TECH MAHENDRA	NOV 9	3.25LPA
19471A1234	MAJETI VENKATA SASI KUMAR	TCS	NOV 24	3.36
19471A1248	ABDUL RAFI SHAIK	SAVANTIS	SEP 9TH	3.25LPA
19471A1258	SYED SUHANA	TCS	NOV 24	3.6LPA
19471A1260	LAKSHMI SAI LIKITHA VELAVARTHIPATI	TECH MAHENDRA	NOV 9	3.25LPA

ACADEMIC TOPPERS

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











New Trends in Technology

IAD technology successfully used by ISRO:



The Inflatable Aerodynamic Decelerator (IAD), which ISRO says is a game-changer with numerous implications for future missions including to Mars and Venus, was successfully tested. Vikram Sarabhai Space Centre (VSSC), an ISRO division, successfully test-flew an IAD from Thumba Equatorial Rocket Launching Station on a "Rohini" sounding rocket (TERLS).

Scientists from India and beyond, as well as ISRO, frequently employ Rohini sounding rockets to fly demonstrations of new technologies. Along with the IAD, new components including a micro video imaging system that recorded the IAD's bloom and flight, a small software defined radio telemetry transmitter, a MEMS (Micro-electromechanical systems)-based acoustic sensor, and a variety of new methodologies were all successfully flight tested.

The IAD was first folded and stowed in the rocket's cargo bay, according to the Indian Space Research Organisation, which has its headquarters in Bengaluru (ISRO). The IAD was inflated at an altitude of around 84 km, and the sounding rocket's cargo dropped through the atmosphere on it. The Liquid Propulsion Systems Centre (LPSC) of ISRO designed the pneumatic inflation mechanism. The IAD has consistently decreased the payload's velocity through aerodynamic drag while maintaining the expected trajectory.

Faculty Focus

Dr.K.Ponnari Lakshmi, Professor of English and Head of the Department of B.S&H, participated in one week FDP on Major Literary theories organised by department of English , Krishna University from 26th July to 2nd August, 2022.

Dr.K.Ponnari Lakshmi, Professor of English and Head of the Department of B.S&H, participated and presented a paper on the importance of poetry in English curriculum in an International conference organised by International society for Educational Leadership (ISEL) and MIT ADT University on 27th and 28th August 2022.

Mrs. V.Aruna Asst.Professor of English participated in one week FDP on "Major Literary Theories" organised by Department of English , Krishna University on 2nd August 2022.

Mrs. V.Aruna Asst.Professor of English participated in International seminar on English Language, literature and cultural studies, conducted by World English Language Learners, Teachers and Trainers association (WELLTTA) on 7th August 2022.

Mrs. V.Aruna Asst.Professor of English participated in a National Webinar on "ECO Feminism in contemporary Literature " Organised by Department of English, SGK Govt. Degree College, Vinukonda on 11th August 2022.

Mrs. V.Aruna Asst.Professor of English participated in the 8 Day FDP on "Research, Publication and Patent in humanities and science" organised by Department of English, SRM Institute of Sciences and Technology , Ramapuram Campus, Chennai, from 22nd to 30th August 2022

Mrs. V.Aruna Asst.Professor of English participated and presented a paper on "Effective Communication for Professional graduates "in an International conference organised by International society for Educational Leadership (ISEL) and MIT ADT University on 27th and 28th August 2022.

Mrs. V.Aruna Asst.Professor of English participated in an international FDP on "Emotional Traps in Virtual World " organised by World English Language Learners, Teachers and Trainers association (WELLTTA) on 4th September, 2022.

Mrs. V.Aruna Asst.Professor of English participated in the International FDP on "Dignity of International literacy day , the advantages of publications and Patents " organised by World English Language Learners, Teachers and Trainers association (WELLTTA) on 8th September 2022.

Mr. G.R.K. Murthy, Asst. Professor of English participated and presented a paper presented a paper on "Effective Communication for Professional graduates "in an International conference organised by International society for Educational Leadership (ISEL) and MIT ADT University on 27th and 28th August 2022.

Mr. M. Purna Chandra Rao , Asst. Professor of English participated in 5-Day AICTE sponsored FDP on "Universal Human Values II (Face to Face)" from 23rd August to 27th August 2022. Organised by Department of ECE of R.G.M.C.E.T, Nandyal.

Mr. Z. Mohana Rao Asst. Professor of English participated in 5-Day AICTE sponsored FDP on "Universal Human Values II (Face to Face)" from 23rd August to 27th August 2022. Organised by Department of ECE of R.G.M.C.E.T, Nandyal.

Dr. Sk. Mohiddin Shaw professor of Mathematics participated in 2 week International FDP on "Research perspectives in Mathematics and its Applications " organised by the Department of mathematics, Satyabhama Institute of Science and Technology , Chennai from 4th July to 16th July 2022.

Dr.G.Dharmaiah Associate Professor of Mathematics, participated in 2 week International FDP on "Research perspectives in Mathematics and its Applications " organised by the Department of mathematics, Satyabhama Institute of Science and Technology, Chennai from 4th July to 16th July 2022.

Dr.G.Dharmaiah Associate Professor of Mathematics, participated in 2 Day International conference on "Emerging Trends in mechanical and Industrial Auto Machine "organised by the Department of Mechanical Engineering, Narasaraopet Engineering College , Narasaraopet, during 29th and 30th July 2022.

Dr. R. Mohana Ramana Associate professor in Mathematics participated in 2 week International FDP on "Research perspectives in Mathematics and its Applications " organised by the Department of mathematics, Satyabhama Institute of Science and Technology , Chennai from 4th July to 16th July 2022.

Dr. R. Mohana Ramana Associate professor in Mathematics participated in 2 Day International conference on "Emerging Trends in mechanical and Industrial Auto Machine "organised by the Department of Mechanical Engineering, Narasaraopet Engineering College , Narasaraopet, during 29th and 30th July 2022.

Dr.P.N.V.V.L. Pramila Rani , Asst. Professor of Chemistry published research paper Entitled with "Sustainable synthesis of Silver decorated graphene nano composite with potential Anti Oxidant and Anti Bacterial properties" Materials Letters, 308, 2022.

Department of B.S&H.(Chemistry) conducted an FDP on "Essential Industrial Chemistry for Engineers " in collaboration with NITTTR Chandigarh during 5th September and 9th September 2022.



Dr.K.Ponnari Lakshmi Professor -and Head of the Department BS&H participated in Inter disciplinary 6 day National webinar com FDP on Emerging trends and Technologic in development of skills in Higher Education from 21/11/2022 to 26/11/2022 organised Department of English JMJ College for women, Tenali.

V.Aruna Assistant professor of English participated in Inter disciplinary 6 day National webinar com FDP on Emerging trends and Technologic in development of skills in Higher Education from 21/11/2022 to 26/11/2022 organised Department of English JMJ College for women, Tenali.

V.Aruna Assistant professor of English participated international in virtual FDP on linguistics : An introduction to its varies branches by Ramya and Community English conducted by World English Language teachers and Trainers Association on 18-10-2022

Mr.GRK.Murthy Assistant Professor of English participated in Inter disciplinary 6 day National webinar com FDP on Emerging trends and Technologic in development of skills in Higher Education from 21/11/2022 to 26/11/2022 organised Department of English JMJ College for women, Tenali

Mr. Z.Mohan Rao Assistant Professor of English participated in Inter disciplinary 6 day National webinar com FDP on Emerging trends and Technologic in development of skills in Higher Education from 21/11/2022 to 26/11/2022 organised Department of English JMJ College for women, Tenali

Mr.M.Purna Chandra Rao Assistant Professor of English participated in Inter disciplinary 6 day National webinar com FDP on Emerging trends and Technologic in development of skills in Higher Education from 21/11/2022 to 26/11/2022 organised Department of English JMJ College for women, Tenali

Mr.Sk.Rafi Assistant Professor of English participated in Inter disciplinary 6 day National webinar com FDP on Emerging trends and Technologic in development of skills in Higher Education from 21/11/2022 to 26/11/2022 organised Department of English JMJ College for women, Tenali

Mr.SK.Riyaz Bhasha Assistant Professor of English participated in Inter disciplinary 6 day National webinar com FDP on Emerging trends and Technologic in development of skills in Higher Education from 21/11/2022 to 26/11/2022 organised Department of English JMJ College for women, Tenali

Dr. SK.Mohiddin Shaw Professor of Mathematics Participated in the AICTE Recognized faculty Development Programme on Managerial skills for Technical Teachers & Administrators Conducted by Educational and Educational Management Department from 26.09.2022 to 30.09.2022

Dr.SK. Mohiddin Shaw Professor of Mathematics Participated in two week international FDP on current trends in Applications of Mathematics from 21/09/2022 to 04/10/2022

Dr. SK.Mohiddin Shaw Professor of Mathematics successfully completed NPTEL certificate course in Mathematical methods for boundary value problems.

Dr.G.Dharmaiah Associate professor of Mathematics Participated in SERB- INAE sponsored five day work shop on Innovation Entrepreneurship and start up for young organized by NIT Mizoram From 20th to 30th September 2022.

Dr.G.Dharmaiah Associate professor of Mathematics Participated in two week international FDP on current trends in Applications of Mathematics from 21/09/2022 to 04/10/2022

Dr. Ch.Maheswari Professor of Mathematics Participated in the AICTE Recognized faculty Development Programme on Managerial skills for Technical Teachers & Administrators Conducted by Educational and Educational Management Department from 26.09.2022 to 30.09.2022

Dr. Ch.Maheswari Assistant Professor of Mathematics published a paper on Futuristic Research in modelling of dynamical systems in Journal of Physics conference series

Dr. Ch.Maheswari Assistant Professor of Mathematics successfully completed NPTEL certificate course in Mathematical methods for boundary value problems.

Dr.Ch.Maheswari Assistant Professor of Mathematics Participated in two week international FDP on current trends in Applications of Mathematics from 21/09/2022 to 04/10/2022

Dr. R.Mohan Ramana Assistant Professor of Mathematics Participated in the AICTE Recognized faculty Development Programme on Managerial skills for Technical Teachers & Administrators Conducted by Educational and Educational Management Department from 26.09.2022 to 30.09.2022

Dr. R.Mohan Ramana Assistant Professor of Mathematics Successfully completed NPTEL certificate course on Python for data sciences

Dr. R.Mohan Ramana Assistant Professor of Mathematics Participated in two week international FDP on current trends in Applications of Mathematics from 21/09/2022 to 04/10/2022

Mr.M.Prasad Assistant Professor of Mathematics Participated in two week international FDP on current trends in Applications of Mathematics from 21/09/2022 to 04/10/2022

Mrs. A.Aparna Assistant Professor of Mathematics Participated in two week international FDP on current trends in Applications of Mathematics from 21/09/2022 to 04/10/2022

Dr. J.Srinivasa Rao in Associate Professor of Chemistry Participated in the AICTE Recognized faculty Development Programme on Managerial skills for Technical Teachers & Administrators Conducted by Educational and Educational Management Department from 26.09.2022 to 30.09.2022.

Dr.Anusha Assistant professor of Chemistry Successfully completed NPTEL Certificate course on Industrial Chemistry for Engineers.

Dr.Y.Lakshman Kumar Assistant professor of Chemistry participated in AICTE Recognised FDP on Nanotechnology; Developments and challenges, conducted by applied science Department .from 26.09.200 to 30.09.2022

Dr.Y.Lakshman Kumar Assistant professor of Chemistry Successfully completed NPTEL Certificate course on Industrial Chemistry for Engineers

Dr.K.Sreenivasulu participated in one day international webinar on resent trends in chemical sciences organized by department of chemistry, V.S Krishna government Degree College Visakhapatnam

Department of BS& H conducted a two week FDP and refresher course in Engineering Physics from 14th November 2022 to 25th November 2022 in Association with NITTR CHNDIGAR.

Dr.K.Ponnari Lakshmi, Professor of English & Head of the Department of B.S&H participated in a 5 day online F.D.P on ' Communication Skills for Research Paper Writing and professional practices' organized by the Department of Basic Sciences and Humanities, GMR Institute of Technology, Rajam, A.P. from 4th December to 8th December 2022.

V.Aruna, Asst.Professor of English participated in a 5 day online F.D.P on 'Communication Skills for Research Paper Writing and professional practices' organized by the Department of Basic Sciences and Humanities, GMR Institute of Technology, Rajam, A.P. from 4th December to 8th December 2022.

Dr.T.Anusha, Asst.Professor of Chemistry participated in a 4 day F.D.P. on '21st Century skills and teaching methodologies' conducted by Andhra Pradesh State Council of Higher Education (APSCHE), Mangalagiri, A.P. in association with Common Wealth Education Media Center for Asia and Andhra Layola College, Vijayawada from 19th December to 22nd December 2022.

G.Nagaraju, Asst.Professor of Chemistry participated in 6 day International webinar on ' Current Trends and Future Advances in Chemical Sciences and Life Sciences' organized by Department of Chemistry and Botany, JMJ College for women, Tenali, from 13th December to 17th December 2022.

Dr.Y.Lakshmana Kumar Asst.Professor of Chemistry participated in 6 day International webinar on ' Current Trends and Future Advances in Chemical Sciences and Life Sciences' organized by Department of Chemistry and Botany, JMJ College for women, Tenali, from 13th December to 17th December 2022.

DEPARTMENT OF MBA

Manager - He, who do things right

Vision

To provide world class learning experience in the field of management and develop leadership capabilities to withstand global challenge thus make MBA distinctive, Research oriented and professional programme 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 student to upgrade their knowledge and sharpen the skills

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

New Trend in Business

Business analytics refers to the skills, technologies, 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

Dr.Y.Sivareddy, Y.Suresh, S.Salma & D.Satish Babu has been participated in the "5-Day International Online FDP Series on Trending Technologies" conducted by MEASI Institute of Information Technology in November 2022.

Dr.Y.Sivareddy, Y.Suresh, S.Salma & T.L Sravani Kumari have been participated online national workshop on "Identifying Predatory and Cloned Journals" conducted by Indian Institute of Management & Commerce (UG & PG COLLGE) Sponsored by Vasavi Foundation) OSMANIA University on 25th November 2022.

Dr.Y.Sivareddy and Y.Suresh have been taken the Puneet Sankalp and committed to prevent spread of plastic pollution and support Puneet Sagar Abhiyan in protecting the water bodies from plastic contamination on 04-11-2022.

Dr.M.Aravind, has actively participated in Blended mode Professional Development Program on " Outcome Based Education and Design Thinking" Conducted by IEEE Guntur Subsection and Department of Electrical and Electronics Engineering,KLEF Deemed to be University from 7th to 15th October, 2022.

Y.Suresh & S.Salma have been participated in the One day Online FDP on "ICT Tools: A New Vista in Teaching", held on 07-10-2022,organized by Research club, Department of commerce,Sona College of Arts & Science Salem-05

Dr.Y.Sivareddy,Y.Suresh,D.Satish Babu & S.Salma has participated in Three Days National Level Workshop on "Statistical Analysis using SPSS for Research" held at Karmaveer Bhaurao Patil College,Vashi,Navi Mumbai from 30th Sep-2nd Oct 2022.

Dr.Y.Sivareddy,Y.Suresh & S.Salma have been participated 5- Day online International FDP on " Current Trends in Information Technology" conducted by MEASI Institute of Information Technology from 26th to 30th September 2022.

Dr.Y.Sivareddy, Y.Suresh & S. Salma participated A Five Day National Level FDP on "CRYPTOCURRENCY, BLOCKCHAIN & CYBER SECURITY "organized by Department of Commerce and Department of Computer Science, KMM College of Arts and Science, Thrikkakara from 12th September 2022 to 16th September 2022.

Suresh Yamarthi & Syed Salma Faculty, Department of MBA,NARASARAOPETA ENGINEERING COLLEGE (A), For participating in One Week Faculty Development Programme on Research Methodology and Data Analysis in Business Management organized by Department of Commerce and Business Management, Krishna University from 25-08-2022 to 01-09-2022.

Suresh Yamarthi, Mr. Dr.Y.Sivareddy, Syed Salma & D. Satish Babu Faculty, Department of MBA, NARASARAOPETA ENGINEERING COLLEGE (A), has actively participated in One Week Faculty Development Programme (FDP) on ART OF INNOVATIVE DESIGN THINKING organised by Department of Commerce and Business Management, University College of Arts and Science, held from 17-08-2022 to 23-08-2022.

Y.Suresh, Assistant Professor has completed course Research Writing at ClassUpon Academy of Research and Education on 17-7-2022 to 22-07-2022.

Departmental Activities

Workshops/Seminars/Industrial visits/Webinars

Department of MBA organized one week faculty development program on "Team Building, Motivation & Creativity" in association with NITTTR, Chandigarh from 12th to 16th December 2022.





Department of MBA organized A Two Day Workshop on " Financial Education on Indian Securities Market" from 13th to 14th December 2022.

Department of MBA organized a programme on World Human Rights Day on 10th December 2022. MBA and MCA students participated in the programme.





Department of MBA Organized Constitution Day on 26th November 2022

Department of MBA organized one week faculty development program on "Funding Opportunities in Engineering" in association with NITTTR, Chandigarh from 14th to 18th November 2022.





Our I Year MBA students went to JOCIL for industrial visit. In that visit students gained some knowledge on manufacturing process of making soaps and procurement of raw material.



Our Dept. of MBA Graduation day is celebrated for MBA 2018-2020, 2019-2021 & 2020-2022 batch students by our institution on 17-09-2022. 77 students have been attended for this ceremony.

Student Focus

Placements: 26 II Year MBA students selected in ICICI campus drive

Curricular & Co-Curricular activities (Sports)

II Year MBA Student T.Kotiswami selected JNTUK Volleyball team on 14-12-2022

MBA I Year student P.Shiva Bhavani participated poster presentation in Mathematics Day competition got consolation prize on 17th DEC 2022.



Our MBA Department conducted the motivational program on Build Self Confidence for 1st Year MBA Students on 13-09-2022.





Our I MBA student participated Energy Conservation Day completion and got 3rd prize on 14th Dec-2022.



Our department of MBA Conducted A national Level Webinar on Financial Empowerment Through Wealth Creation 19th August 2022. The Resource Person Mr. Surya Kanth Sharma, Senior Consultant, AMFI.(Former DGM, SEBI),230 members are participated.

I MBA Student Y.Kamalnadh Reddy has participated in the One day Online FDP on "ICT Tools: A New Vista in Teaching", held on 07-10-2022,organized by Research club, Department of commerce,Sona College of Arts & Science Salem-05

I MBA Student B.Ashok has participated 5- Day online International FDP on " Current Trends in Information Technonolgy" conducted by MEASI Institute of Information Technology from 26th to 30th September 2022.

Our MBA Department conducted Viva-Voce for final year MBA students on 28th and 29th July-2022.



I Year MBA II Sem students have been successfully completed internships in different areas

V.Devi vara Prasad has successfully completed the training on How to Build Your Personal Brand.

V.Devi vara Prasad has successfully completed his internship as a Human Recourse Manager INTERN at " Mahakal Chemical Pharmacetical Private Ltd" from 08th Aug 2022 to 21st September 2022.

Yadala Kamalanadh Reddy for completing 120 days of learning in Business Development Course on 26-09-2022.

Jyothi Sana & Sritejaswini Annam has been successfully completed their internship in Human Resources live projects with Skill vertex from 5th Aug to 5th September 2022.

Sritejaswini Annam has successfully completed her internship in Human Resources live projects with Skill vertex from 5th July to 5th August 2022.



Our I Year MBA students went to Mittapalli Spinners Pvt., Ltd., Guravai-Palem for industrial visit. In that visit students gained some knowledge on manufacturing process of making yarns and procurement of raw material. On 25th July-2022.

Our I Year MBA students won Ist prize on the Eve of Ganesh Chaturdhi competition of making Ganesh Idols with waste material on 30-08-22.



The following students are academic toppers in their respective classes.





Alumni Voice



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

M.Mahesh
2010-2012
IDFC Bank Manager
Guduru

Student's Voice



I'm pleased to be a member of NEC. It gives me a fantastic opportunity to get into the corporate world of business.

D.Lakshmi Tejaswini
MBA IVSem
H.T.no:20471E0016

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

Technology is teaching us to be human again

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 in students.
- Encourage research activities among students and staff.

New Trends in Technology

BIG DATA

The world generates over 59 trillion GB of data per day, including 306.4 billion emails! Where is all this data stored? How is all this data recorded so quickly? That's what Big Data tries to solve - how to capture and process tons of data to make it easily and quickly accessible. Big data intersects a lot with cloud computing because they both relate to behind the scenes software infrastructure.

ROBOTICS

Although robots aren't walking and talking with normal people like they do in science fiction movies, robotics still play an important role in our everyday lives. Hospitals use robotic arms to assist surgeons in surgery. Food and packages are starting to be delivered by drones. Factories use robots to assemble the products we use every day like phones and cars. In fact, 2.7 million robots work in factories across the world. Future advancements to robotics is to integrate computer vision and natural language processing to enable them to interact with the world more naturally.

DISTRIBUTED CLOUD

Distributed cloud is the distribution of public cloud services to different physical locations, while the operation, governance, updates and evolution of the services are the responsibility of the originating public cloud provider.

BLOCKCHAIN

A blockchain is a distributed database that is shared among the nodes of a computer network. As a database, a blockchain stores information electronically in digital format. Blockchains are best known for their crucial role in cryptocurrency systems, such as Bitcoin, for maintaining a secure and decentralized record of transactions. The innovation with a blockchain is that it guarantees the fidelity and security of a record of data and generates trust without the need for a trusted third party.

ARTIFICIAL INTELLIGENCE

Artificial intelligence (AI) refers to the simulation of human intelligence in machines that are programmed to think like humans and mimic their actions. The term may also be applied to any machine that exhibits traits associated with a human mind such as learning and problem-solving.

VIRTUAL REALITY

Virtual Reality (VR) is a computer-generated environment with scenes and objects that appear to be real, making the user feel they are immersed in their surroundings. This environment is perceived through a device known as a Virtual Reality headset or helmet.

SERVERLESS COMPUTING

Serverless computing is an execution model for the cloud in which a cloud provider dynamically allocates—and then charges the user for—only the compute resources and storage needed to execute a particular piece of code. Naturally, there are still servers involved, but their provisioning and maintenance are entirely taken care of by the provider.

5G NETWORKS

5G is the 5th generation mobile network. It is a new global wireless standard after 1G, 2G, 3G, and 4G networks. 5G enables a new kind of network that is designed to connect virtually everyone and everything together including machines, objects, and devices.
5G wireless technology is meant to deliver higher multi-Gbps peak data speeds, ultra low latency, more reliability, massive network capacity, increased availability, and a more uniform user experience to more users.

Computer Vision / Natural Language Processing

These fields give computers the ability to see and listen. Computer vision is the technology behind enabling computers to see the world. It is the crucial technology behind self-driving cars, facial recognition, and Snap chat / Zoom filters. The technology has become so advanced that it is even more accurate than humans in identifying images!

Natural Language Processing (NLP) is how computers are able to recognize what humans say. NLP is found in voice enabled smart devices like Apple's Siri and Amazon's Alexa. These fields overlap with Artificial Intelligence and Machine Learning because computers use the same AI/ML algorithms to process inputs, whether it is visual or audio.

Bioinformatics / Medical Technology

Just like other aspects of our lives, computers are revolutionizing medicine. Bioinformatics is the use of computers to study biological data such as DNA. By analysing DNA with AI / ML techniques, computers can assist scientists in uncovering the root causes of diseases developing cures, including this recent potential cure for certain cancers here. Other computer science trends intersect with medicine. For example, using robots for surgery is becoming more widespread.

CYBERSECURITY

In the past, information was secured from robbers by metal vaults and security guards. Today, digital information is secured from hackers by cybersecurity. As more of our lives is online, the more important cybersecurity becomes. There's a successful computer hack every 39 seconds! There are many sub-fields within cybersecurity. For example, cryptography finds new algorithms to encrypt sensitive information, or make it such that information cannot be read unless the reader knows a password. Another example is network security - ensuring computer networks or cloud networks are only accessible by the correct users and applications.

FACULTY FOCUS

Our faculty member G. Sambasiva Rao attended online FDP on "Big Data Analytics in Power Sector" organized by Dept. of EEE, SSN College of Engineering, Chennai on 24-11-2022.

Our faculty member M. Mamatha attended online FDP on "Managerial Skills for Technical Teachers & Administrators" conducted by Education and Educational Management department in association with NITTTR, Chandigarh at Narasaraopeta Engineering College, Narasaraopet from 26-09-2022 to 30-09-2022.

Our faculty member B. Siva Prasad attended online FDP on "Managerial Skills for Technical Teachers & Administrators" conducted by Education and Educational Management department in association with NITTTR, Chandigarh at Narasaraopeta Engineering College, Narasaraopet from 26-09-2022 to 30-09-2022.

Our faculty member M. Mamatha attended online FDP on "Amazon Web Services" organized by Dept. of CSE, Narasaraopeta Engineering College, Narasaraopet in collaboration with BRAINOVISION SOLUTIONS INDIA PVT.LTD & AICTE from 22-08-2022 to 27-08-2022.

STUDENT FOCUS

20 members of II MCA III Semester students attended a Two day Bootcamp + 32 Hours Hackathon Program on "Full Stack Web Development" spell-2 in Narasaraopeta engineering college in association with Brain O Vision from 19-10-2022 to 22-10-2022.



Hackathon Program on Full Stack Web Development Spell-2

15 members of I MCA II Semester students attended a Two day Bootcamp + 32 Hours Hackathon Program on "Full Stack Web Development" Spell-I in Narasaraopeta engineering college in association with Brain O Vision from 24-08-2022 to 27-08-2022.



Hackathon Program on Full Stack Web Development Spell-I

57 Members of I MCA II Semester students attended Industrial visit to Mittapalli Spinners Pvt.Ltd., on 23-07-2022.



Industrial Visit to Mittapalli Spinners Pvt.Ltd.

Fresher's & Farewell function was conducted on 08-06-2022 for I MCA & II MCA Students.



Fresher's & Farewell function in MCA Department

International Anti Corruption Day Conducted by IQAC & Dept. of MCA on 09-12-2022





Toppers from I MCA II Semester (2021 Batch)



Toppers from II MCA IV Semester (2020 Batch)



STUDENT FOCUS

ALUMINI VOICE

Finding the right path to success at the right time is really very important and for that way I had selected NEC. The friendly environment, the systematic approach towards imparting education at NEC made me a competent individual. The faculties are really very kind and approachable when any need arises. In NEC, we are trained for our placements and because of that I was placed in one of the reputed companies for my internship.



G. SAI SRI
19475F0003

STUDENT VOICE

I am very proud to be a part of this department. The Department of MCA has recorded consistent improvement in its academic, research and placement performance. It offers a range of innovatively designed programs whose curricula are constantly updated to meet the changing requirement of the industry and to meet the needs of major stakeholders.



A. SRAVANI
21471F0003

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.

Overall Placed Students (July - Dec 2022)

SNO	COMPANY NAME	CIVIL	CSE	ECE	EEE	IT	MBA	MCA	MECH	Grand Total	Date	SALARY
1	EPAM SYSTEMS		1							1	30-05-22	800000
2	NAGARRO TECHNOLOGIES		3			1				4	01-07-22	450000
3	MUSIGMA		1	1		1				3	26-07-22	600000
4	PROLIFICS		6	2		1				9	08-08-22	600000
5	HCL		33	20	1	5				59	16-08-22	425000
6	UNIFO		2			1				3	20-08-22	360000
7	SOFT SUAVE TECHNOLOGIES		3							3	27-08-22	400000
8	IBM		1							1	28-08-22	715000
9	HEXAWARE TECHNOLOGIES		7	8						15	29-08-22	400000
10	BROADRIDGE TECHNOLOGIES		1							1	06-09-22	500000
11	SAVANTIS SOLUTIONS	2	26	25	6	4		10	3	74	06-09-22	212000
12	LTTS		2	3						5	07-09-22	400000
13	TECH MAHINDRA		11	5		3				19	24-09-22	325000
14	DHRUVSOFT		2							2	01-10-22	325000
15	VODAFONE			7						7	04-10-22	450000
16	AMDOCS		16	8		1				25	07-10-22	550000
17	CLARIVATE ANALYTICS		3							3	15-10-22	810000
18	APPS ASSOCIATES		9			1				10	20-10-22	800000
19	NEEBAL TECHNOLOGIES		8			1				9	26-10-22	450000
20	TCS NINJA		9	14	3	2			2	30	10-08-22	336000
21	TCS DIGITAL		4							4	15-08-22	700000
22	ICICI BANK						26			26	26-12-22	380000
	Grand Total	2	148	93	10	23	26	10	5	313		



NEC Students Selected in HCL

NARASARAOPETA ENGINEERING COLLEGE

Hearty Congratulations

3 ON CAMPUS Students from Batch 2023 Placed in Mu Sigma

INCREDIBLE PLACEMENT RECORD!

PACKAGE **30L** in 4 Years

www.nitec.in EAPCET CODE: NSPE nitenggcollege

NARASARAOPETA ENGINEERING COLLEGE

A Big Congratulations

74 SAVANTIS

2023 Batch

INCREDIBLE PLACEMENT RECORD!

3.00 LPA PACKAGE

NEC GROUP

Hearty Congratulations

6 ON CAMPUS Students from Batch 2023 Placed in Prolifics

INCREDIBLE PLACEMENT RECORD!

PACKAGE UPTO **20L** in 3 Years

www.nitec.in EAPCET CODE: NSPE nitenggcollege

NARASARAOPETA ENGINEERING COLLEGE

Hearty Congratulations

5 ON CAMPUS Students from Batch 2023 Placed in L&T Technology Services

INCREDIBLE PLACEMENT RECORD!

PACKAGE **4 LPA**

EAPCET CODE: NSPE nitenggcollege

DEPARTMENT OF PHYSICAL EDUCATION



D.Naganjali (22475A222) EEE got III Place in Yoga 2nd state level yogasana championship on 7th to 9th October 2022 conducted by PB Siddhartha college of arts & science, Vijayawada



T.Kotiswamy MBA (21471E0067) Selected for Volleyball on 28th November 2022 NEC Autonomous, Narasaraopet by JNTUK, Kakinada



A.Ramesh (19471A0402) ECE Selected for Volleyball on 28th November 2022 NEC Autonomous, Narasaraopet by JNTUK, Kakinada

DEPARTMENT OF PHYSICAL EDUCATION



Y.Lavanya Lahari
(19471A05P4)
CSE selected for
Volleyball (Women)
on 29th November 2022
conducted by
Eswar College Of
Engineering, Kesanupalli,
Narasaraopet

D.Naganjali
(22475A222)
EEE selected for
Yoga conducted by
University College Of
Engineering, Kakinada (A),
JNTUK
on 30th November 2022
Conducted by
JNTUK, Kakinada





NEC Kabbadi Team
(MEN) are Winners
conducted by
Krishnaveni Degree
College, Narasaraopet
on 28th December 2022
organized by
Nehru Yuva Kendra,
Guntur, AP

DEPARTMENT OF PHYSICAL EDUCATION



NEC Volleyball Team (MEN are winners selected for Volleyball (Women) on 28th December 2022 conducted by Krishnaveni Degree College, Narasaraopet organized by Nehru Yuva Kendra Guntur, AP.

Ch. Anil, EEE, 21471A0206
Winner,
J. Avinash, CSE, 19471A0579
Runner for 100 Mts.
conducted by
Krishnaveni Degree College,
Narasaraopet
on 28th December 2022
Organized by
Nehru Yuva Kendra, Guntur, AP.





L.Prasanth, EEE, 22475A0255 is
Runner for Shot-put
conducted by
Krishnaveni Degree College,
Narasaraopet
on 28th December 2022 organized by
Nehru Yuva Kendra,Guntur, AP

D.Naganjali (22475A222) EEE got
1st place in Yoga conducted by
District Sports Authority Stadium,
Kakinada
on 29th December 2022
Conducted by
SAAP Yoga



DEPARTMENT OF PHYSICAL EDUCATION





Department of Physical Education conducted Self defence Taekwando Programe for students on 29th October, 2022 by Ms. P. Anitha, Taekwondo Black Belt Holder





Conducted Volleyball Selections by JNTUK Kakinada I/C Tournament Cum Selection Trails on 28-11-2022

NSS ACTIVITIES



Our Hon'ble Principal Dr.M.Sreenivasa Kumar inaugurating the Poster Presentation and Essay Writing Competitions conducted by college NSS Unit on the eve of World Environment Day on 05-06-2022



Students participation in Essay Writing Competition on the eve of World Environment Day Celebration on 05-06-2022



Students are explaining the threats of environmental pollution in poster presentation competition.



Sri.K.Siva Prasad Guruji, an Yoga practitioner explaining the importance of yogasanas and practicing pranayama by the students on the eve of International Day of Yoga Celebration on 21-06-2022 in campus premises.





Students participation in Essay Writing Competition on the eve of World Youth Skills Day on 14-07-2022



Hon'ble Chairman and Principal saluting the National Flag on the eve of 76th Independence Day Celebrations in the campus premises on 15-08-2022.



Students are receiving certificates from Hon'ble Palnadu District Collector Sri. L.Siva Sankar Garu and our Principal Dr.M.Sreenivasa Kumar on the eve of World Youth Skills Day on 15-07-2022





NCC Cadets participation in a patriotic skit in the Independence Day Celebrations



Our Hon'ble Principal Dr.M.Sreenivasa Kumar creatively arranged the college buses and students on the celebration of 75th Independence Day Celebrations as Azadi Ka Amrit Mahotsav.





Students active participation in rally with 1000 mitres National Flag in the Narasaraopeta Town on the eve of Azadi Ka Amrit Mahotsav on 14-08-2022





Our college NSS volunteers actively participated in rally on the eve of Azadi Ka Amrit Mahotsav

Hon'ble Palnadu District Collector Sri.L.Siva Sankar Garu addressing the gathering on Azadi Ka Amrit Mahotsav at Sports Stadium in Narasaaraopet Town

NARASARAOPETA ENGINEERING COLLEGE

NATIONAL SERVICE SCHEME

NSS UNIT CODE : 90214702

FREE DENTAL CHECK-UP PROGRAM

In Co-ordination with

SIRI Dental Clinic, Narasaraopet

09th & 10th September, 2022



Our Hon'ble Principal distributing medicines to the students at free of cost in the Dental Camp.



Dr.S.Tejaswini, Dentist, Siri Dental Clinic Narasaraopet diagonising the students on 9-9-2022.





Hon'ble MLA Sri.Gopi Reddy Srinivasa Reddy Garu active participation in Blood Donation Program by NSS Unit at Narasaraopet Town in co-ordination with Govt. Hospital, Narasaraopet on 12-09-2022.



NSS volunteers active participatiion in Swacha Bharat Program to clear the gravel on the road which leads to accidents on 14-09-2022



Hon'ble Principal Dr. M.Sreenivasa Kumar participation in Eye Check –Up Progrm on the eve of NSS Formation Day on 24-09-2022



Free Eye Check-Up Program in co-ordination with LV Prasad Eye Institute on the eve of NSS Formation Day on 24-09-2022 in college premises



NSS volunteers participation in a rally to support the Right to Information Act in Narasaraopet town in co-ordination with RDO Office, Narasaraopet on 12-10-2022.



Sri.R.Vinayak Garu, RDO, Narasaraopet explaining the importance of Right to Information Act and distributing the published books on Act on 12-10-2022.



Hon'ble Principal Dr.M.Sreenivasa Kumar and Dr.K.Swathi Reddy
explaining the preventive measures to protect the health in the changing environment.







Police Weapons Demonstration on the eve of Police Commemoration Day on 27-11-2022 at Superintendent of Police Office, Narasaraopet









Hon'ble MLA Sri. Gopireddy Srinivasa Reddy Garu explaining the preventive measures to protect from Paralasys Stroke on the eve of World Stroke Day at Town Hall, Narasaraopet on 29-10-2022

Public participation in the Town Hall, Narasaraopet on 29-10-2022

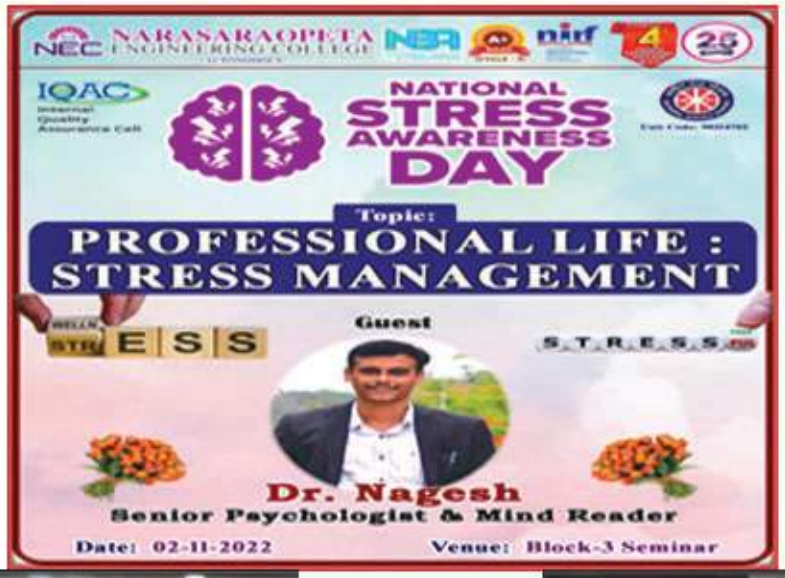


Hon'ble Principal participation in the rally along with faculty members and students on the eve of World Stroke Day on 29-10-2022





Faculty members, students and NCC Cadets participation in "Run for Unity" a nationwide marathon to increase awareness about the contribution of Sardar Vallabhai Patel on the eve of his 147th Birth Anniversary.





Hon'ble Prinicipal Dr.M.Sreenivasa Kumar explaining the preventive measures to overcome the stress related problems in the session



Awareness Program on Stress Management by Dr. Nagesh, Psychologist and Mind Reader addressing the students on 02-11-2022.





Hon'ble Prinicipal Dr.M.Sreenivasa Kumar addressing the students to follow the good habits for better health in the session



Hon'ble Principal felicitating the Dr.Shukur Garu with a shawl and memento for conducting activity in our college on 08-11-2022





Hon'ble Principal, Faculty members and NSS volunteers planting the saplings in plantation program conducted in campus premises on 12-11-2022





Free Diabetic and Health Camp conducted in co-ordination with KONAAC Diagnostics, Narasaraopet on 14-11-2022





Our college NSS Unit organized a Free Blood Grouping Test Program to all branches of 1st year B.Tech, MBA and MCA students in co-ordination with Palnadu Blood Bank, Narasaraopet on 22-11-2022.



పల్నాడు బ్లడ్ బ్యాంక్

Hon'ble Vice-Principal Dr.D.Suneel Garu felicitating the Sri.Janaki Ramaiah In-charge, Palnadu Blood Bank, Narasaraopet on 22-11-2022

NAAC PEER TEAM

Visited NEC on 04.07.2022 to 05.07.22









Our Hon'ble Chairman, Vice Chairman, Secretary, Principal & Staff receiving our guests NAAC Peer Team Chairperson Dr. Vaidehi Vijayakumar, Member Dr. Pankshat Singh Mannas, Member Co-ordinator Dr. Dharmendra Sharma Visited NARASARAOPETA ENGINEERING COLLEGE







NEC FACULTY TEAM

NAAC PEER TEAM

VISITING DEPARTMENTS















NAAC
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

NAAC PEER TEAM

VISITING DEPARTMENTS


CSE Lab


Boy's Hostel


Canteen


Department of Physical Education

EXIT MEETING



MOU



Mr. Shubhajit Jagadev, Founder, CEO, EduSkills MOU signing with
NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)
ON 07-07-2022





Mr. Ganesh Nag D., Founder, CEO, Brain O Vision MOU signing with
NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)
ON 08-08-2022



MOU signing EXCELLAR with
NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
ON 30-07-2022

INDEPENDENCE DAY 2022



Mr. M.V. Koteswara Rao garu, Chairman, NEC Group, Dr. M.Sreenivasa Kumar, Principal, NEC, Dr. Hari Krishna Prasad, Principal, NIT, Dr. J.N.Suresh Kumar, Principal, NIPS, Staff and Students Participated in Independence Day Celebrations







NEC College Events

TEACHER'S DAY 5th September, 2022









Sri. M.V. Koteswara Rao, Chairman, Dr. M. Sreenivasa Kumar, Principal, NEC, Dr. J.N. Suresh Kumar, Principal, NIPS & Staff at Teacher's Day Celebrations on 05-09-2022



NEC Principal received Best Teacher Award by Hon'ble Palnadu Distric Collector Sri Siva Sankar Lotheti, IAS Collector & District Magistrate



NEC Principal received BHISHMA ACHARYA AWARD from Dr Buddha Chandrashekhar, Chief Coordinating officer AICTE, Prof. K. Hemachandra Reddy, Chairman, APSCHE, Prof P.V.G.D. Prasad Reddy, Vice-Chancellor, Andhra University at Andhra University, Visakhapatnam

Graduation Day 2022

17th Sep, 2022





Prof. D. Narasimha Reddy, Former Vice-chancellor, JNTU Hyderabad, Former Chairman, RAC DRDO Ministry of Defence
Dr. G.V.R. Prasada Raju, Hon'ble Vice-Chancellor, JNTUK, Kakinada,
participated in Graduation Day Celebrations @ NEC on 17th September, 2022

College Events

Graduation Day 17th Sep, 2022





Our Hon'ble Chairman, Vice Chairman, Secretary & Principal facilitating our guest Dr. G.V.R. Prasada Raju, Hon'ble Vice-Chancellor, JNTUK, Kakinada, on the occasion of Graduation Day Celebrations on 17th September, 2022



Our Hon'ble Chairman, Vice Chairman, Secretary & Principal facilitating our guest Prof. D. Narasimha Reddy, Former Vice-chancellor, JNTU Hyderabad, Former Chairman, RAC DRDO Ministry of Defence on the occasion of Graduation Day Celebrations on 17th September, 2022

NEC College Events

EXCELLENCE 24 YEARS ESTD 1998



Graduation Day

17th Sep, 2022











Our Hon'ble Chairman, Vice Chairman, Secretary, Principal & HOD's,
Prof. D. Narasimha Reddy, Former Vice-chancellor, JNTU Hyderabad, Former Chairman, RAC DRDO Ministry of Defence
Dr. G.V.R. Prasada Raju, Hon'ble Vice-Chancellor, JNTUK, Kakinada,
participated in Graduation Day Celebrations @ NEC on 17th September, 2022

NCC CADET SELECTIONS

3rd November, 2022



Mr. Talib Hussain, Subedar Major (SM), Mr. Dileswara Rao P., Battalion Havaldar Major (BHM),
Mr. Rushi Pal, Havaldar (HAV)
at NARASARAOPETA ENGINEERING COLLEGE for NCC Students Selection on 27th November, 2022

NCC DAY CELEBRATIONS



Col. Sunil Goutam, Commanding Officer, 23(A), Chirala,
Sri. P.Bhakthavatsala Reddy, CI, Rural Police Station, Narasaraopet,
Dr. M.Sreenivasa Kumar, Staff & Students at NCC Day Celebrations
at NEC College on 27th November, 2022