NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)

NEC WAVES

A News Letter of

NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)

EXCELLENCE 24 YEARS ESTD 1998

EAMCET - Code: NSPE | PGECET - Code: NSPE

Approved by AICTE, Affiliated to JNTUK, Kakinada, Accredited by NBA, Accredited by NAAC with 'A' Grade
An ISO 9001:2008 Certified Institution
Kotappa Konda Road, Yallamanda (PO), Narasaraopet - 522601, Guntur (Dist), Andhra Pradesh

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Chairman Sri. M.V.Koteswara Rao & Principal Dr. M.Sreenivasa Kumar inaugurating Dr. Sarvepalli Radhakrishnan Statue at Narasaraopeta Engineering College (Autonomous)

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Dear Readers,

When the world was hiding and shivering from COVID-19, a pandemic disease, the Principal and the faculty members of NEC boldly came forward to participate in academic activities. During the lockdown period not even a minute was wasted. The Principal of NEC Dr. M. Sreenivasa Kumar conducted one week (1-7-2020 to 6-7-2020) FDP on "An insight into revised accreditation frame work of NAAC" and was the resource person too. A tremendous response came to this FDP. Dr. M. Sreenivasa Kumar, enlightened the people by conducting a National level webinar on "Implementation of National Education Policy, 2020" on 13-11-2020. Mrs. T. Venkata Deepthi, Asst.Professor and Mr. P. Suresh Babu, Associate. Professor, Mechanical Engineering were awarded Ph.D. degrees in production from K.L. University. It is laudable achievement, and added another feather in the cap of NEC.

A team of six faculty members from the department of Mechanical Engineering filed and published for the Patent rights on invention of "A-SIDE-STAND: AUTOMATIC SIDE-STAND SPORT BIKE/MOTOR CYCLE" 21-08-2020.

CSE Department organized a six-day short term training program (STTP) on "Deep Learning for computer vision Medical Applications – Series-2" under AICTE from 30-11-2020 to 5-12-2020.

A National Level webinar on "Learning Vocabulary is the crux of language learning" was organized by department of BS&H English on 05-08-2020. Dr. K. Ponnari Lakshmi, Professor and HOD of B.S.&H was the coordinator. A National Webinar "Trends and Challenges in C.F.D" was organized by BS&H Mathematics on 06-07-2020. Dr. G. Dharmaih and Dr. Mohiddin Shaw were the coordinators.

Dr. G. Babu Rao, received "International Distinguished Educators award 2020 (IDEA-2020)" from Green Thinker society, Punjab, India.

The indefatigable work of the Heads, faculty members, the wise guidance of the Principal to the students, and also the cooperation of the management always keeps the institution at global level.

The Editorial Board expresses profound gratitude to the Management, the Principal and to all the faculty members who extended their support in releasing this issue of NEC Waves.

----- Editor

Principal's Desk



Dr. M. Sreenivasa Kumar, Principal

The NEC campus is always abuzz with a plethora of activities and has become a dynamic venue where brilliant minds from all the branches converge and share their vast reserves of knowledge and skills. The institute is all set to bring out the potential within each student and provide proper guidance so that their potentials can be utilized to make them future engineers capable of meeting any challenge that will be faced by them after leaving the college. The college provides full support to improve their communication skills, critical thinking abilities, moral values and sense of responsibility.

The 2nd Graduation Day of MBA and 1st Graduation of MCA was held on Sunday 30th June, 2019.

He said that the youngsters should possess the quality of gratitude that defines their attitude to reach the desired altitude and also should have agility in the work place. he also told that every day learning is very essential and they should shoulder large responsibilities in the corporate world to attain their goals.

I, take this opportunity to thank all the stakeholders for showing interest and continuous support. I extend my best wishes to all students in their chosen career path and I am sure the college will scale upto greater heights in the years to come and serve many more in the society.

"Humanity is the religion, love is the god" "Don"t compete with others compete with yourself" "Success is defined as the enhancement of inner soul of human being" "Don"t read lot of motivational stories rather be a self motivator" -Dr.A.Nichelson

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.



Department of Civil Engineering

Dreamt it We Built it!



Vision

To achieve excellence with high technical competencies empowered with research based challenges in the field of civil engineering to promote the knowledge and skills of students to effectively and efficiently participate in outcome based sustainable development.

Mission

To shape infrastructure development for the purpose of promoting innovative logical thinking among students so as to provide civil engineering solutions to 21st century needs of problems and challenges in the society.

To impart academic knowledge and skills so that the students could assess, state and solve general and complex civil engineering problems.

To provide a hub of research and consultancy services to the needs of social development in general and regional development in particular.

New Trends in Technology

One of the major responsibilities of water resource engineers is "water resource recoverability," which requires them to recover reusable elements in wastewater. Engineers are able to filter out valuable nutrients from the water that can be used for fertilizer, or obtain particles as a substitute for sand. In other cases, engineers are able to capture heat from wastewater. This heat can be used to heat buildings, while other organic wastewater material can be utilized as renewable energy.

Updating Wastewater Treatment Facilities

Engineers are able to treat wastewater so that it can be used for irrigation, potable water or even as cooling water for industrial plants. Moreover, engineers are beginning to implement treatment facilities in communities with aging infrastructures so these communities can benefit from the recycling of wastewater. Upgrading treatment facilities, especially in rural areas, ensures that communities can benefit from nutrient reduction, thus ensuring water-resource sustainability.

UV Disinfection Technology

To provide clean drinking water, water resource engineers are integrating ultraviolet disinfection technology into water treatment plants. UV technology is an environmentally safe option that provides sanitary water to communities. The technology is able to sterilize water without using potentially harmful chemicals such as chlorine.

Cooling Waterways and Oceans

Water resource engineers are helping confront global warming through the process of cooling waterways and oceans. Cooler water is better equipped to trap carbon dioxide. CO2 and other greenhouse gases are the main reason for global warming. Water resource engineers are at the forefront of geoengineering, which is a field dedicated to reducing the negative effects of global warming.

To cool waterways and oceans, water resource engineers have been collaborating with scientists to develop innovative ways to trap CO2. Scientists and engineers have hypothesized that if they are able to refreeze more of the North Pole and South Pole, this could reduce the level of CO2 in the Earth's atmosphere. It is also hypothesized that if we could pump salt into the atmosphere, it would make clouds more reflective toward heat. This reflection could reduce temperatures directly related to the CO2 in the atmosphere.

Faculty Focus

Babu Rao Gudipudi has published a paper entitled "Seasonal Variation in the Groundwater Quality & Irrigation Suitability of Water in a Rural Area of Andhra Pradesh" in International Conference on Recent Challenges in Engineering Science and Technology (ICRCEST 2K21) Organized By Department of Electronics & Communication Engineering Ramachandra College of Engineering, Eluru, AP in Association with Institute For Engineering Research and Publication (IFERP), Page No. 56 – 62, ISBN : 978¬93¬90214-20¬4 (Conference Preceding).

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

Dr P Naga Sowjanya has participated in one day National Webinar on "National Educational Policy -2020, Implementing and Implications in Higher Education" organized by Internal Quality Assurance Cell (IQAC) AND Institution Innovation Cell (IIC), Narasaraopet Engineering College (Autonomous) Narasaraopet on 17th April 2021.

Dr P Naga Sowjanya has participated in Orientation Sessionr on "Innovation & Entrepreneurship" organized by Institution Innovation Cell (IIC 3.0),Narasaraopet Engineering College (Autonomous) Narasaraopet on 23rd April 2021.

Dr P Naga Sowjanya has participated in Three day National Workshop on "NAAC Assessment and Accreditation: A Step by Step process" held on 27Th,28th & 29th May 2021 organised by Chadalawada Ramanamma Engineering College, Tirupati.

Dr.G.Babu Rao participated in International Conference on Recent Challenges in Engineering Science and Technology (ICRCEST- 2K21) conference organized by Department of Electronics & Communication Engineering, Ramachandra College of Engineering, Eluru, Andhra Pradesh held on 09th & 10th April 2021.

Dr.G.Babu Rao participated in one-week online Faculty Development Program on "SUSTAINABLE AND PRECAST TECHNOLOGIES" organized by Department of Civil Engineering, JBIET from 19th-24th April 2021.

Dr.G.Babu Rao participated in one day National Webinar on "National Educational Policy -2020, Implementing and Implications in Higher Education" organized by Internal Quality Assurance Cell (IQAC) AND Institution Innovation Cell (IIC), Narasaraopet Engineering College (Autonomous) Narasaraopet on 17th April 2021.

Dr.G.Babu Rao participated in an Orientation Session on Innovation & Entrepreneurship organized by Institution Innovation Council (IIC 3.0) of NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS), NARASARAOPET on 23rd June 2021.

K.V.Pratap has participated in one day National Webinar on "National Educational Policy -2020, Implementing and Implications in Higher Education" organized by Internal Quality Assurance Cell (IQAC) and Institution Innovation Cell (IIC), Narasaraopet Engineering College (Autonomous) Narasaraopet on 17th April 2021.

K.V.Pratap has attended one day National Webinar on "Effective Environmental Management Governance through Local Regime in India" organized by Department of Civil Engineering, Mvr college of Engineering and Technology on 11th May 2021.

K.V.Pratap has attended one day National Webinar on "Seismic strengthening of Concrete structures using remote control methods" organized by Department of Civil Engineering, Narasaraopet Engineering College (Autonomous) Narasaraopet on 5th June 2021.

K.Venkatesh has participated in one day National Webinar on "National Educational Policy -2020, Implementing and Implications in Higher Education" organized by Internal Quality Assurance Cell (IQAC) AND Institution Innovation Cell (IIC), Narasaraopet Engineering College (Autonomous) Narasaraopet on 17th April 2021.

K.Venkatesh has attended one day National Webinar on "Effective Environmental Management Governance through Local Regime in India" organized by Department of Civil Engineering, MVR College of Engineering and Technology on 11th May 2021.

K.Venkatesh has attended one day National Webinar on "Seismic strengthening of Concrete structures using remote control methods" organized by Department of Civil Engineering, Narasaraopet Engineering College (Autonomous) Narasaraopet on 5th June 2021.

K.Meghanadh has attended one day National Webinar on "National Educational Policy -2020, Implementing and Implications in Higher Education" organized by Internal Quality Assurance Cell (IQAC) AND Institution Innovation Cell (IIC), Narasaraopet Engineering College (Autonomous) Narasaraopet on 17th April 2021.

K.Meghanadh has attended one day National Webinar on "Seismic strengthening of Concrete structures using remote control methods" organized by Department of Civil Engineering, Narasaraopet Engineering College (Autonomous) Narasaraopet on 5th June 2021.

K.Meghanadh has Participated in one week online FDP on "Sustainable and Precast technologies" organized by Department of civil engineering, JBIET from 19th to 24th April 2021.

K.Meghanadh has attended one day National Webinar on "Effective Environmental Management Governance through Local Regime in India" organized by Department of Civil Engineering, MVR College of Engineering and Technology on 11th May 2021.

K.Meghanadh has attended one day webinar on "Project Management Fundamental Organized by Department Of Civil Engineering,Internal Quality Assurance Cell (IQAC) Initiative, Nagpur Institute Of Technology, Nagpur on 5th June 2021.

K.Meghanadh has participated one day National level online webinar on "Environmental Sustainability" organized by SES-RE Cell in Association with NSSSVEC on 5th June, 2021.

K.Meghanadh has Participated in three day National level live online FDP on "Characterized Studies on Cement and Soil" organized by Department Of Civil Engineering, Tirumala Engineering College, Narasaraopeta on 18th-20th June 2021.

S.Murali Krishna has participated in one day National Webinar on "National Educational Policy -2020, Implementing and Implications in Higher Education" organized by Internal Quality Assurance Cell (IQAC) AND Institution Innovation Cell (IIC), Narasaraopet Engineering College (Autonomous) Narasaraopet on 17th April 2021.

S.Murali Krishna has attended one day National Webinar on "Effective Environmental Management Govertnance through Local Regime in India" organized by Department of Civil Engineering, Mvr college of Engineering and Technology on 11th May 2021.

S.Murali Krishna has attended one day National Webinar on "Seismic strengthening of Concrete structures using remote control methods" organized by Department of Civil Engineering, Narasaraopet Engineering College (Autonomous) Narasaraopet on 5th June 2021.

S.Murali Krishna has participated three day online workshop on "urban stormwater management" conducted on FEB 22-24, 2021, by the Department of Civil Engineering, Andhra University College of Engineering (A), Visakhapatnam, Ap, India.

S.Murali Krishna has participated one day National level online webinar on "Environmental Sustainability" organized by SES-RE Cell in Association with NSSSVEC on 5th June, 2021.

D. Pradeep has attended one day National Webinar on "National Educational Policy -2020, Implementing and Implications in Higher Education" organized by Internal Quality Assurance Cell (IQAC) AND Institution Innovation Cell (IIC), Narasaraopet Engineering College (Autonomous) Narasaraopet on 17th April 2021.

D. Pradeep has attended one day National Webinar on "Effective Environmental Management Governance through Local Regime in India" organized by Department of Civil Engineering, MVR College of Engineering and Technology on 11th May 2021.

D. Pradeep has attended one day National Webinar on "Ultra High Strength Performance Concrete, Material Design and Future" organized by Department of Civil Engineering, Vignan's Foundation for Science & Technology and Research (Deemed to be University) on 12th June 2021.

D. Pradeep has attended one day National Webinar on "Seismic strengthening of Concrete structures using remote control methods" organized by Department of Civil Engineering, Narasaraopet Engineering College (Autonomous) Narasaraopet on 5th June 2021.

D. Pradeep has attended pre-events of 11th International Conference on "Sustainable Waste Management and circular economy" organized by International Society of Waste Management, Air and Water (ISWMAW) and Centre for Sustainable Development and Resource Efficiency Management, Jadavpur University, India held on 5th June 2021 and 12th June 2021.

M.N.S.Samba Siva Rao has attended Three-Day International workshop on "Intellectual Property Rights and Innovations in Civil Engineering" organized by St.Martin's Engineering college, Dhulapally, Secundrabad, Telangana on 8th-10th June, 2021.

M.N.S.SambaSiva Rao has attended one day National Webinar on "Seismic strengthening of Concrete structures using remote control methods" organized by Department of Civil Engineering, Narasaraopet Engineering College (Autonomous) Narasaraopet on 5th June 2021.

M.N.S.Samba Siva Rao has attended one day National Webinar on "Effective Environmental Management Governance through Local Regime in India" organized by Department of Civil Engineering, MVR College of Engineering and Technology on 11th May 2021.

M.N.S.Samba Siva Rao has participated in one day National Webinar on "National Educational Policy-2020, Implementing and Implications in Higher Education" organized by Internal Quality Assurance Cell (IQAC) & Institution Innovation Cell (IIC), Narasaraopet Engineering College (Autonomous), Narasaraopet on 17th April 2021.

M.N.S.Samba Siva Rao has participated three day online workshop on "Urban Storm Water Management" conducted on FEB 22-24, 2021, by the Department of Civil Engineering, Andhra University College of Engineering (A), Visakhapatnam, Ap, India.

M.N.S.Samba Siva Rao has Participated in three day National level live online FDP on "Characterized Studies on Cement and Soil" organized by Department Of civil Engineering, Tirumala Engineering College, Narasaraopeta on 18th -20th June 2021.

L.Satish Kumar has attended one day National Webinar on "Seismic strengthening of Concrete structures using remote control methods" organized by Department of Civil Engineering, Narasaraopet Engineering College (Autonomous) Narasaraopet on 5th June 2021.

S.V.Siva Raju has participated Three-day online workshop on "Urban Storm Water Management" conducted on FEB 22-24, 2021, by the Department of Civil Engineering, Andhra University College of Engineering (A), Visakhapatnam, Ap, India.

S.V.Siva Raju has attended one week International FDP on "Role of Transportation Engineers towards Sustainable Roads and Traffic Safety" organized by Shri Vishnu Engineering College for Women (A), Bhimavaram from 22 February to 27 February. 2021.

S.V.Siva Raju has attended One day National Webinar on "National Educational Policy -2020, Implementing and Implications in Higher Education" organized by Internal Quality Assurance Cell (IQAC) & Institution Innovation Cell (IIC), Narasaraopet Engineering College (Autonomous), Narasaraopet on 17th April 2021.

S.V.Siva Raju has attended One day National Webinar on "Effective Environmental Management Governance through Local Regime in India" organized by Department of Civil Engineering, MVR College of Engineering and Technology on 11th May 2021.

S.V.Siva Raju has attended One day National Webinar on "Seismic strengthening of Concrete structures using remote control methods" organized by Department of Civil Engineering, Narasaraopet Engineering College (Autonomous), Narasaraopet on 5th June 2021.

B.Siva Manikanta has attended One day National Webinar on "National Educational Policy-2020, Implementing and Implications in Higher Education" organized by Internal Quality Assurance Cell (IQAC) & Institution Innovation Cell (IIC), Narasaraopet Engineering College (Autonomous), Narasaraopet on 17th April 2021.

B.Siva Manikanta has attended One day National Webinar on "Seismic strengthening of Concrete structures using remote control methods" organized by Department of Civil Engineering, Narasaraopet Engineering College (Autonomous), Narasaraopet on 5th June 2021.

G.S.L.K Chaitanya has attended One day National Webinar on "Seismic strengthening of Concrete structures using remote control methods" organized by Department of Civil Engineering, Narasaraopet Engineering College (Autonomous), Narasaraopet on 5th June 2021.

N.Mahaboob Subhani, has attended Two-day national level online seminar on "Quality Improvement via accreditation and ranking" organized by IQAC, Bapatla Engineering College during 28th-29th June 2021.

N.Mahaboob Subhani, has attended One day webinar on "concrete and its advancements" organized by department of Civil Engineering, Vaagdevi College of Engineering on June 25th, 2021.

N.Mahaboob Subhani attended One day National Webinar on "National Educational Policy-2020, Implementing and Implications in Higher Education" organized by Internal Quality Assurance Cell (IQAC) & Institution Innovation Cell (IIC), Narasaraopet Engineering College (Autonomous), Narasaraopet on 17th April 2021.

Achievements/ Awards:

Dr.G.Babu Rao has received BEST PAPER award in International Conference on Recent Challenges in Engineering Science and Technology (ICRCEST-2K21) conference organized by Department of Electronics & Communication Engineering, Ramachandra College of Engineering, Eluru, Andhra Pradesh held on 09th & 10th April 2021.

Dr. G. Babu Rao acted as Core committee member in International Conference on "Advancements and Innovations in Civil Engineering (IC-ACE-2021)" Virtual Conference on 18th & 20th march, 2021 organised by K.D.K. College of Engineering, Nagpur and IFERP in association with American Society of Civil Engineers-Indian Section Western Region, Indian Society for Technical Education, New Delhi, The Institute of Engineers (India) Nagpur Local Centre, Indian Concrete Institute, Nagpur chapter, and Indian water works Association, Nagpur center.

Dr. G. Babu Rao became an Editorial Board Member in American Journal of Earth and Environmental Sciences.

Important Activities held in the Department

Civil Engineering Department has organized organized a Six-days workshop on "Architectural modelling using Revit-Revit Architecture" through APSSDC conducted by Department of Civil Engineering, Narasaraopet Engineering College (Autonomous) Narasaraopet from 1st February 2021 to 6th February 2021.

Civil Engineering Department has organized One day National Webinar on "Seismic strengthening of Concrete structures using remote control methods" on 5th June 2021.

Civil Engineering Department has organized Two week workshop on "Primavera Software" through AGIIT Chennai conducted by Department of Civil Engineering, Narasaraopet Engineering College (Autonomous), Narasaraopet from 1st to 14th April 2021.

Industrial Visit

Civil Engineering Department managed a Industrial visit to Second BTech Civil Engineering Students to Mittapalli Spinners on 2nd, 3rd February 2021





Brief Intro about New Faculty



Mr. D. Pradeep has completed B. Tech from Narasaraopet Engineering College, Narasaraopet and M. Tech from National Institute of Technology Warangal, Warangal and Telangana with a specialization of Environmental Engineering.



Mr.M.N.S.Samba Siva Rao has completed B. Tech from Bapatla Engineering College, Bapatla and M. Tech from Andhra University College of Engineering (Autonomous), Visakhaptanam with a specialization of Hydraulic Coastal & Harbour Engineering. He has Published one Conference paper.



Mr. L.Satish Kumar has has completed B. Tech from RVR & JC college of Engineering and M. Tech from Narasaraopeta Engineering College, Narasaraopeta with a specialization of Structural Engineering.



Mr. S.V.Siva Raju has completed B.Tech from SRK Institute of Engineering Colllege, Vijayawada Andhra Pradesh and M.Tech from Kakinada Institute Of Engineering and Technology,Kakinada with a specialization of Geotechnical engineering. He has published Six International conference papers.



Mr. G.L.S.K. Chaitanya has completed B.Tech from Bapatla Engineering College, Bapatla and M.Tech from NIT Warangal with Water resource engineering specialization. He published a paper on Parametric estimation methods in flood frequency analysis at JNTU HYDERABAD.

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.

M. K. Kalyan Chakravarthi Batch
2014-2018,
Site Engineer,

Student's Voice



I acknowledge that my knowledge has been enriched due to my association with our department. Knowledge Transformation Programs (guest lecture, workshops) conducted to the students is really helped to face global competition. The encouragement by the college management made me to qualify for campus interviews in savantis solutions Pvt. Ltd..

N. K.Vishnu Vardhan Reddy,
Regd. No. 17471A0141, IV B. Tech
CIVIL QUIZ

Civil Quiz

Questions

1. The minimum water content at which the soil just begins to crumble when rolled into threads 3 mm in diameter, is known as
2. A pitot tube is used to measure?
3. A three-hinged arch is said to be?
4. In slow sland filters, the turbidity of raw water can be removed only up to
5. The phreatic line in an earth dam may be

Answers

1. Plastic Limit
2. Velocity of Flow
3. Statically Determinate Structure
4. 60 mg/litre
5. Parabolic

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Vision

To impart student centric education in the field of Electrical and Electronics Engineering to transform the individuals into competent engineers with a focus on research and ethics.

Mission

M1: To provide knowledge based technology and infrastructure to meet the needs of industry and society.

M2: To assimilate innovation and research oriented culture to make successful professionals and entrepreneurs.

M3: To encourage lifelong learning with ethics among the students so as to make them as responsible individuals.

New Trend

Wireless Wearable Tech



Last year, at the recent Apple event, Tim Cook shared a couple of videos he had received from several apple watch users. These customers appreciated how the apple watch had detected their health conditions (such as Atrial Fibrillation) and encouraged them to visit a doctor ultimately saving their lives.

Well, this is the same case with wearables in electrical engineering: they are literally lifesavers as well. An excellent example is Proxxi bracelets for electrical engineers with a sensor that vibrates if it gets too close to high-voltage electricity. Sole Power also developed boots that are built with temperature sensing, lighting, cloud connectivity, and GPS to provide a warning for overheating, proximity to danger, and falls.

Furthermore, wearable devices are being developed to authenticate access to electrical machinery, provide communications information without the use of mobile phones. This significantly improves the overall safety of electrical engineers.

Faculty Focus:

International Journals:-

Dr. P. Lakshmanan attended A Five day Virtual STTP on "Modern Power System Optimization: Techniques, Tools and Applications (MPSOTTA) NIT, Tiruchirapalli 03rd to 07th May, 2021 organized by Dept. of EEE NIT, Tiruchirapalli.

Dr. P. Lakshmanan attended One day Virtual STTP on "Smart Grid Using Smart meters and Smart Phone The Institution of Engineers (India) Virtual 18-04-2021 organized by The Institution of Engineers (India) Electrical Engineering Division.

Sunil Babu Jyothi attended One week STTP (STTP-Phase-I) on "Simulation Tools for Electrical Engineering & its real time applications" KHIT, Guntur (Virtual) 17th to 22nd May, 2021 organized by Department of EEE KHIT, Guntur.

Sunil Babu Jyothi attended One week FDP on Applications of Soft Computing in Electrical Engineering Bapatla Engineering College 15th to 20th March, 2021 organized by Department of EEE, Bapatla Engineering College, Bapatla.

G. Naga Raju attended One week FDP on Applications of Soft Computing in Electrical Engineering Bapatla Engineering College 15th to 20th March, 2021 organized by Department of EEE, Bapatla Engineering College, Bapatla

M. Chandra Sekhar attended One day work shop on "AI Application using IBM Cloud" Chalapathi Institute of Engineering & Technology (Virtual) 09-06-2021 organized by Department of CSE in collaboration with IBM India Pvt.Ltd CIET, Guntur

M. Chandra Sekhar attended Five day work shop on "Advances in Robotics & AI & Industry 4.0 Coimbatore Institute of Technology 16th to 20th March, 2021 organized by Dept. of EEE, Coimbatore Institute Of Technology.

B. Praveen Kumar attended Five day online FDP on "Recent Advances in Electrical Energy Management, Control & Automation LBRCE, JNTUK 08th to 12th June, 2021 organized by Department of EEE LBRCE, Mylavaram

B. Praveen Kumar attended One day work shop on "AI Application using IBM Cloud" Chalapathi Institute of Engineering & Technology (Virtual) 09-06-2021 organized by Department of CSE in collaboration with IBM India Pvt.Ltd CIET, Guntur

B. Praveen Kumar attended Two day online FDP on "Research Opportunites in Electrical Engineering" KHIT, Guntur (Virtual) 20th to 21st May, 2021 organized by Department of EEE KHIT, Guntur

B. Praveen Kumar attended One week STTP (STTP-Phase-I) on "Simulation Tools for Electrical Engineering & its real time applications" KHIT, Guntur(Virtual) 17th to 22ns May, 2021 organized by Department of EEE KHIT, Guntur

G. Naveen attended One day work shop on "AI Application using IBM Cloud" Chalapathi Institute of Engineering & Technology (Virtual) 09-06-2021 organized by Department of CSE in collaboration with IBM India Pvt.Ltd CIET, Guntur

G. Naveen attended One day Guest Lecture on "Guest lecture on "Solid State Drives" MOHAMED SATHAK AJ College of Engineering, Chennai (Virtual) 29-05-2021 organized Dept. of EEE MOHAMED SATHAK AJ College of Engineering, Chennai

G. Naveen attended One week STTP (STTP-Phase-I) on "Simulation Tools for Electrical Engineering & its real time applications" KHIT, Guntur (Virtual) 17th to 22nd May, 2021 organized by Department of EEE KHIT, Guntur

G. Naveen attended Five Day online FDP on " Tomorrows Teaching, Researchand Learning in Engineering & Management Academics" Sri Sai Institute of Technology and Science, Rayachoti 11-05-2021 to 15-05-2021 organized by Sri Sai Institute of Technology and Science, Rayachoti

G. Naveen attended Five Day online FDP on "AICTE Sponsored STTP on "Automation and Intelligent Control of Electrical Systems-Phase-IV" Gudlavalleru Engineering College, Gudlavalleru 15th to 20th March, 2021 organized by Dept of EEE Gudlavalleru Engineering College.

M. Subramanayam attended a 3-day National work shop on "NAAC Assessment and Accreditation: A Step by Step Procedure" Chadalawada Ramanamma Engineering College 27th to 29th May, 2021 organized by Chadalawada Ramanamma Engineering College, Tirupati.

M. Subramanayam attended Five-Day online FDP on "AICTE Sponsored STTP on "Automation and Intelligent Control of Electrical Systems-Phase-IV" Gudlavalleru Engineering College, Gudlavalleru 15th to 20th March, 2021 organized by Dept of EEE Gudlavalleru Engineering College.

Sk. Md. Shareef attended One Day Webinar on "Smart Grid Technologies" PACE (Virtual), Ongole 12-06-2021 organized by Dept. of EEE, PACE, Ongole.

P.D.V.S.K. Kishore attended One Day Webinar on "Smartgrid Technologies" PACE (Virtual), Ongole 12-06-2021 organized by Dept.of EEE, PACE, Ongole

J. Sunil Babu attended One Day Webinar on "DCS & PLC Systems" Mandsaur University (Virtual) 21-05-2021 organized Dept. of EEE, Mandsaur University

G. Nagaraju attended One-day Webinar on "Smart Grid Technologies" PACE (Virtual), Ongole 12-06-2021 organized by Dept. of EEE, PACE, Ongole

M. Chandrasekhar attended One-day Webinar on "National Educational Policy-2020 Implementation & Implications in Higher Education" Narasaraopeta Engineering College, Narasaraopet 17-04-2021 organized by IQAC & IIC Narasaraopeta Engineering College, Narasaraopet.

Sk. Karimulla attended One-day Webinar on "Smart Grid Technologies" PACE (Virtual), Ongole 12-06-2021 organized by Dept. of EEE, PACE, Ongole

Sk. Karimulla attended One-day Webinar on "National Educational Policy -2020 Implementation & Implications in Higher Education" Narasaraopeta Engineering College Narasaraopet 17-04-2021organized by IQAC & IIC Narasaraopeta Engineering College, Narasaraopet.

B. Praveen Kumar attended One-day Webinar on "Smart Grid Technologies" PACE (Virtual), Ongole 12-06-2021 organized by Dept. of EEE, PACE,Ongole

G. Naveen attended One-day Webinar on "Smart Grid Technologies" PACE (Virtual), Ongole 12-06-2021 organized by Dept. of EEE, PACE, Ongole

G. Naveen attended One-day Webinar on DCS & PLC Systems" Mandsaur University (Virtual) 21-05-2021 organized Dept. of EEE, Mandsaur University

G. Naveen attended One-day Webinar on "National Educational Policy-2020 Implementation & Implications in Higher Education" Narasaraopeta Engineering College Narasaraopet 17-04-2021 organized by IQAC & IIC Narasaraopeta Engineering College, Narasaraopet.

M. Subramanayam attended One-day Webinar on "Smart Grid Technologies" PACE (Virtual), Ongole 12-06-2021 organized by Dept.of EEE, PACE, Ongole

M. Subramanayam attended One-day Webinar on DCS & PLC Systems" Mandsaur University (Virtual) 21-05-2021 organized Dept. of EEE, Mandsaur University

M. Subramanayam attended One-day Webinar on "National Educational Policy-2020 Implementation & Implications in Higher Education" Narasaraopeta Engineering College Narasaraopet 17-04-2021 organized by IQAC & IIC Narasaraopeta Engineering College, Narasaraopet.

WORKSHOPS:-

A 6-day Workshop on "Internet of Things Fundamentals & Advanced" in Association with APSSDC-SIEMENS from 1st to 6th Feb. 2021





IOT WORKSHOP

A 5-day Workshop & Practical Training Program on "Power Electronics Drives & Automation" in Association with Power Integrated Solutions, Tiruchunapalli from 26th to 30th April, 2021. Resource person is Mr M. Madhan Kumar



TRAINING PROGRAM



TRAINING PROGRAM

A Technical Paper Presentation contest conducted on 18-06-2021 for II & III B.Tech students organized Department of EEE, NEC, Narasaraopet in associated with ISTE Student Chapter

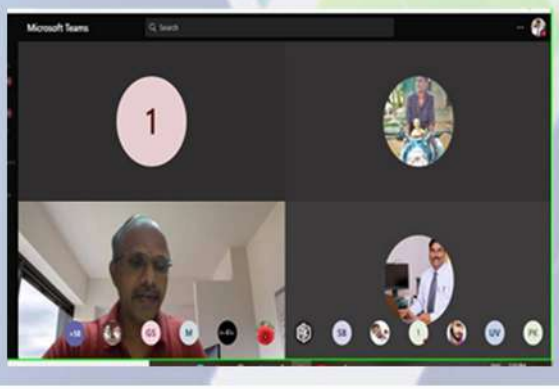




TECHNICAL PAPER PRESENTATION

A One Day Webinar on "Advances in Energy Storage Devices for Electric Vehicle " on 10/06/2021 conducted by Department of EEE , NEC Narasaraopet. Resource Person Mr.Ujjval Bvyas Research Scholar SVNIT, Surat.





Student Focus:-

M.Maheswari 18471A0226 attended One-day Webinar "Hybrid Electric Technology-Basics" organized by Toyota Kirloskar Motor Pvt.Ltd.

Sk. Sharukh 19475A0245 attended One-day Webinar "Hybrid Electric Technology-Basics" organized by Toyota Kirloskar Motor Pvt.Ltd.

P. John Asish 19475A0202 attended One-day Webinar "Hybrid Electric Technology-Basics" organized by Toyota Kirloskar Motor Pvt.Ltd

K. Srihari 19475A0225 attended One-day Webinar "Hybrid Electric Technology-Basics" organized by Toyota Kirloskar Motor Pvt.Ltd

D. Syam Kumar 19475A0219 attended one-day Webinar "Hybrid Electric Technology-Basics" organized by Toyota Kirloskar Motor Pvt.Ltd

P.V. Naga Charan 19475A0208 attended one-day Webinar "Hybrid Electric Technology-Basics" organized by Toyota Kirloskar Motor Pvt.Ltd

G. Sri Hari 19475A0211 attended one-day Webinar "Hybrid Electric Technology-Basics" organized by Toyota Kirloskar Motor Pvt.Ltd

P. Rama Krishna 19475A0240 attended one-day Webinar "Hybrid Electric Technology-Basics" organized by Toyota Kirloskar Motor Pvt.Ltd

K. Uma Devi 19475A022 attended one-day Webinar "Hybrid Electric Technology-Basics" organized by Toyota Kirloskar Motor Pvt.Ltd

K. Uma Devi 19475A022 attended one-day Webinar "Hybrid Electric Technology-Basics" organized by Toyota Kirloskar Motor Pvt.Ltd

B. Mythili 20475A0251 attended one-day International Webinar on "Controlling Megawatts with Power Electronics" at New Horizon college of Engineering (VIRTUAL), on 11/06/2021 organized by Department of EEE, New Horizon College of Engineering, Bengaluru in Association with IEEE PELS Students Branch Chapter of NHCE.

B.Mythili 20475A0251 participated in Electrical Engineering Online Quiz on 14/06/2021 organized by NinthSem.

B.Mythili 20475A0251 participated in Electronics e-Quiz on 13/06/2021 organized by Proudhadevaraya Institute of Technology, Belgavi

B.V Sumanth 20475A0267 participated in online Quiz Basic Electrical Engineering Concepts organized by Sinhgad Institute of Technology, Lonavala

M. Madhavi 18475A0201 Particpated in Webinar conducted by Enterpreneurship cell, IIT Kanpur.

Placements

- 3 Students are selected in SAVANTIS solutions with a Package of 3 LPA
- 1 Students are selected in TCS with a Package of 3.6 LPA
- 1 Students are selected in Renault Nissan with a Package of 2.2 LPA
- 3 Students are selected in ACCUNTURE solutions with a Package of 3.2 LPA

Alumni Voice



D.Ramesh
Assistant Engineer.
Infinite Computer Solutions

Life in NEC was nothing less than a roller coaster ride, full of ups and downs one can imagine. But throughout the journey I have learned a lot. It have provided me with some great opportunities which helped me improve myself in every aspect as a student, as a senior, as a friend, as a sportsperson, as a leader and most importantly as a professional. Experience in NEC have helped me sharpen my skills in my field of choice by providing fully equipped labs where I could practice and learn. Apart from this being a part of student panel helped me improve my managing skills along with technical. In all I had a great learning experience and have learnt some very important lessons in life which will help me to grow in future as well.



K.Naga Deepthi
17471A0218
IV Year

Student's Voice

NEC provided me with the most exciting opportunity to learn and innovate many ways to explore the management education. It played a key role in the development of my skills and business excellence. The motivation from the faculty helped me in choosing a right path in my career. NEC helped me in building Technical knowledge, broadened perspective and also built my strengths from a formal person to a leader.

Vision

To produce competent Professionals in mechanical engineering to become part of the Industry and Research Organizations at the National and International levels and to become entrepreneurs with professional ethics and Indian Values.

Mission

The Department of Mechanical Engineering is committed:

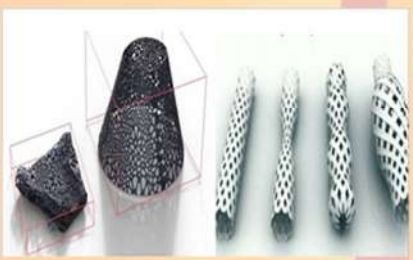
To employ faculty and staff with performance of Excellence and Dedication and to establish laboratories to meet curriculum and research requirements.

Train the students to use mechanical engineering software, understand the technical specifications of different machines, and provide novel engineering solutions and efficient product designs.

Adopt professionalism, ethical attitude, communication skills, team work, lifelong learning in their profession.

MODERN TRENDS IN TECHNOLOGY 4-DIMENSIONAL PRINTING :

4-Dimensional printing (4D printing); also known as 4D bioprinting, active origami, or shape-morphing systems) uses the same techniques of 3D printing through computer-programmed deposition of material in successive layers to create a three-dimensional object. 4D printing adds the dimension of transformation over time.It is therefore a type of programmable matter where in after the fabrication process, the printed product reacts with parameters within the environment (humidity, temperature, etc.,) and changes its form accordingly. The ability to do so arises from the near infinite configurations at a micrometer resolution, creating solids with engineered molecular spatial distributions and thus allowing unprecedented multifunctional performance.



FACULTY FOCUS:
FACULTY PUBLICATIONS:

Vice Principal Dr .D.Suneel published a Journal paper entitled "Studies on Machining Characteristics and Microbiological Growth over Stir Casted A356-Graphite Metal Matrix Composites (A Comparison between Pure Metals and Composite)", in IOP Conference Series: Materials Science and Engineering, ISSN:1757-899X, Vol. 1112, PP.012004, Published online: 15th April 2021, SCOPUS Indexed Journal.

Vice Principal Dr.D.Suneel published a Journal paper entitled "Investigations on Hardness, Machinability and Electrical Conductivity of Stir Casted A356 Nanocomposites Reinforced with SiC Nanoparticles with Ultrasonic Assisted Cavitation", in Applied Mechanics and Materials, Trans Tech Publications Ltd, Switzerland, ISSN: 1662-7482, Vol. 903, PP. 107-115, April 2021, Indexed in Index Copernicus Journals Master List, Google Scholar, EBSCOhost Research Databases etc.

Vice Principal Dr.D.Suneel published a Journal paper entitled "An ANN Approach for Predicting the Wear Behavior of Nano SiC-Reinforced A356 MMNCs Synthesized by Ultrasonic-Assisted Cavitation" in Springer SIST (Smart Innovation, Systems and Technologies) series, ISSN 2190-3018, ISBN 978-981-33-4442-6, Vol. 213, PP.113-124, April 2021, Indexed by SCOPUS, EI Compendex, INSPEC, WTI Frankfurt eG, zbMATH,Japanese Science and Technology Agency (JST), SCImago, DBLP.

Dr.P.Suresh babu Associate professor published a Journal paper entitled "Studies on Machining Characteristics and Microbiological Growth over Stir Casted A356-Graphite Metal Matrix Composites (A Comparison between Pure Metals and Composite)", in IOP Conference Series: Materials Science and Engineering, ISSN:1757-899X, Vol.1112, PP.012004, Published online:15th April 2021, SCOPUS Indexed Journal.

Dr.P.Suresh babu Associate professor published a Journal paper entitled "Investigations on Hardness, Machinability and Electrical Conductivity of Stir Casted A356 Nanocomposites Reinforced with SiC Nanoparticles with Ultrasonic Assisted Cavitation", in Applied Mechanics and Materials, Trans Tech Publications Ltd, Switzerland, ISSN: 1662-7482, Vol. 903, PP. 107-115, April 2021, Indexed in Index Copernicus Journals Master List, Google Scholar, EBSCO-host Research Databases etc.

Dr.P.Suresh babu Associate professor published a Journal paper entitled "An ANN Approach for Predicting the Wear Behavior of Nano SiC-Reinforced A356 MMNCs Synthesized by Ultrasonic-Assisted Cavitation" in Springer SIST (Smart Innovation, Systems and Technologies) series, ISSN 2190-3018, ISBN 978-981-33-4442-6, Vol. 213, PP.113-124, April 2021, Indexed by SCOPUS, EI Compendex, INSPEC, WTI Frankfurt eG, zbMATH, Japanese Science and Technology Agency (JST), SCImago, DBLP.

FACULTYACHIEVEMENTS:

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

HOD Dr.B.Venkata siva attended FDP through ICT mode on" Material Processing & Heat Treatment", organized by CSIR-NML, Jamshedpur during 11th to 15th Jan., 2021.

HOD Dr.B. Venkata siva attended Two day National seminar on "Characterization Techniques of Materials", organized by Dept. of Physics, ANU, Guntur during 26th to 27th March, 2021.

HOD Dr. B. Venkata siva attended International Conference on Materials, Mechanical and Energy Engineering organized by organized by BEC, Bapatla during 07th to 08th May, 2021.

B. Rambabu Assistant professor attended National seminar on "Recent Advances in Materials and Challenges in Manufacturing techniques", organized by University College of Kakinada during 22/03/2021 to 03/04/2021.

T.N.V. Mahesh babu Associated professor attended National seminar on "Recent Innovations in Design & Manufacturing", organized by Malla Reddy engineering college during 24/05/2021 to 29/05/2021.

T.Ashok kumar Assistant professor attended National seminar on "Recent Innovations in Design & Manufacturing", organized by Malla Reddy engineering college during 24/05/2021 to 29/05/2021.

K. John Babu Assistant Professor attended National seminar on "IQAC & National Service scheme (YOGA)", organized Narasaraopeta Engineering College on 21/06/2021.

M.V. Babu Assistant Professor attended National seminar on "India design week competition", ICT Academy & AUTO DESK on 18/04/2021.

M.V. Babu Assistant Professor attended one week FDP on "Manufacturing 4.0", organized by NITTR, Chandigarh during 19th to 23rd April, 2021.

Dr. P. Suresh babu Associate Professor attended one week FDP on "Recent Innovations In Design & Manufacturing", organized by the Department of Mechanical Engineering, Malla Reddy Engineering College (Autonomous) during 24th to 29th May, 2021.

Dr. P. Suresh babu Associate professor Participated in a faculty development programme on "Design & Development of Gas Turbine" organized by Department of Mechanical Engineering, QIS College of Engineering and Technology, Ongole on 13/06/2021.

Dr. P. Suresh babu Associate professor attended one week FDP on "Advances in Manufacturing (AIM-2021)", organised by the Department of Mechanical Engineering, BIT Sindri, Dhanbad in collaboration with TEQIP III during 12th to 19th June, 2021.

Dr. P. Suresh babu Associate professor Participated in an International Expert Lecture Series "Robotic Process Automation" by Ms. Kanagavalli Parthasarathy-IBM, Singapore organized by Arjun College of Technology, Coimbatore on 15/06/2021.

Dr. P. Suresh babu Associate professor attended Webinar on "Yoga Class on the occasion of International Day of Yoga conducted by IQAC & National Service", organised by Narasaraopeta Engineering College (Autonomous), Narasaraopet on 21/06/2021.

Dr. P. Suresh babu Associate professor attended Webinar on "Advances On Innovation & Entrepreneurship organized by Institution Innovation Council (IIC 3.0)", organised by Narasaraopeta Engineering College (Autonomous), Narasaraopet on 23/06/2021.

Dr. P. Suresh babu Associate professor attended Webinar on "Bootcamp on Robotic Process Automation (RPA) using Blue Prism", organised by Chalapathi Institute of Engineering and Technology (Autonomous), Guntur during 22nd to 23June, 2021.

Dr. P. Suresh babu Associate professor attended Webinar on "Exploring Internet and Innovation", organised by Chalapathi Institute of Engineering and Technology (Autonomous), Guntur, on 24/06/2021.

DEPARTMENT ACTIVITIES:

Department has organized a one week workshop on "Product Design & Drafting by Solid Edge" during 04th to 09th Jan., 2021 in association with APSSDC.



Department has conducted first ever Design Now ICT-Autodesk Fusion 360 software CAD Competition with the help of Expert - Sri Mohamed Shereef, Deputy Manager, Design Team @ ICT and Sri Badari Hiriyur, Education specialist at Autodesk at Dassaults.



Systems Lab. Total fifty five students from third year participated in this competition during 08th to 13th Jan., 2021.



Department has organized Unveiled Dr. Sarvepalli Radhakrishnan statue by Honorable chairman Sri Mittapalli Venkata Koteswararao garu on 09/01/2021.



Department has organized a one week workshop on "Mechanical Componants Drafting by Autocad", during 18th to 23rd Jan., 2021 in association with APSSDC.



Department has organized a two day "Mini Project Review", for final year students during 22nd to 23rd Jan., 2021.



Department has organized "National Voters Day Programme", for I, II, III, & IV year students on 25/01/2021.



Department has organized a two day workshop on "3D Printing", by resource persons Dr. Santosh Kumar Malyala, Assistant Professor, Acharya Institute, Bangalore and Mr. Rakesh Koppunur, CEO, KOPP3D Innovations POC, Pvt. Ltd during 05th to 06th Feb., 2021.



Department has organized a two day workshop on "Mechanical Design Softwares", by resource person Kancharla Nagu manager Canter Cadd, Guntur during 17th to 18th Feb., 2021 in association with Canter Cadd, Guntur.

Department has organized a guest lecture for second year students on "Mechanics of Solids", subject by resource person K.Krishna Kshoe, Asst. Professor Gudlavalleru Engineering College, Gudlavalleru on 22/02/2021.





Department has organized a two day "Project Expo", for final year students on 04/03/2021.

Department has organized a two week workshop on "Industrial Automation Using PLC & PNEUMATICS", during 29/03/2021 to 10/03/2021 in association with AGIIT, Chennai.





Department has organized a one week workshop on "Solid Modelling Using Solid Works", by resource persons B. Gopala krishna Nayak and Venkatesh during 12th to 17th April, 2021.

STUDENT

Student Participations in Workshops / Conferences / NSS Programs:

Students from final year A section participated in "NSS Program on Chlorination and Utilities Donation to Orphans", Narasaraopet on 05/01/2021.





Students from final year B section participated in "NSS Program on Chlorination & Utilities Donation to Orphans", Narasaraopet on 06/01/2021.

Students from final year C section participated in "NSS Program on Chlorination and Utilities Donation to Orphans", Narasaraopet on 07/01/2021.





Students from final year C section participated in "NSS Program on Plantation", Narasaraopet on 25/02/2021.

INDUSTRIAL VISITS:

45 Students from Second year A section Visited "Mittapalli Spinners Ltd.", Yellamanda as a part of Industrial Visit on 19/01/2021.





45 Students from Second year B section Visited "Mittapalli Spinners Ltd.", Yellamanda as a part of Industrial Visit on 20/01/2021.

43 Students from Second year A & B sections Visited "Mittapalli Spinners Ltd.", Yellamanda as a part of Industrial Visit on 21/01/2021.





Students from third year A sections Visited "Central Institute of Petrochemicals Engineering & Technology (CIPET)", Vijayawada as a part of industrial visit on 27/01/2021.

Students from third year B sections Visited "Central Institute of Petrochemicals Engineering & Technology (CIPET)", Vijayawada as a part of Industrial Visit on 28/01/2021.



CAMPUS PLACEMENTS:

25 students of Mechanical got selected in various companies listed below.

STUDENT NAME	COMPANY NAME	SALARY PACKAGE (Lakh per annum)
HARI KRISHNA REDDY BHIMAVARAPU	RENAULT NISSAN	1.80 LPA
PRAVEEN KUMAR AMBATI	RENAULT NISSAN	1.80 LPA
KOTI REDDY SYAMALA	RENAULT NISSAN	1.80 LPA
CHANDU CHITTIPROLU	RENAULT NISSAN	1.80 LPA
JITHENDRA KUMAR KALLAM	RENAULT NISSAN	1.80 LPA
HOSANNA BATTULA	RENAULT NISSAN	1.80 LPA
CHAKRAVARTHI BATHULA	RENAULT NISSAN	1.80 LPA
AKBAR JANI SHAIK	RENAULT NISSAN	1.80 LPA
SRIKANTH NAIK BANAVATHU	RENAULT NISSAN	1.80 LPA
ASHOK VEMULA	RENAULT NISSAN	1.80 LPA
VIJAY SAI KUMAR BUSI	RENAULT NISSAN	1.80 LPA
KARTHEEK THIRUVEEDHULA	RENAULT NISSAN	1.80 LPA
M.VENKATESH	RENAULT NISSAN	1.80 LPA
M.HARISH	RENAULT NISSAN	1.80 LPA
K.NAGARJUNA	RENAULT NISSAN	1.80 LPA
V.TEJA	RENAULT NISSAN	1.80 LPA
B.PRAKASH	RENAULT NISSAN	1.80 LPA
SHAIK AFRIDEE	SAVANTIS	3.20 LPA
VENNAPUSALA SRIKANTH	TCS NINJA (NQT)	3.60 LPA
REDDY RAJA NAVEEN	TAFE	3.60 LPA
D.PRINCE VIJAYA KUMAR	CAPARO	3.60 LPA
CHANDRA SEKHAR REDDY AKKALA	INFOSYS	3.60 LPA
I.NAVEEN	INFOSYS	3.60 LPA
CH.GOPI KRISHNA	INFOSYS	3.60 LPA
B.MAHESH	INFOSYS	3.60 LPA

ALUMNI VOICE:

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



S.Swetha Lilly Zerusha
(15471A0397 -
2015 Batch)
SOFTWARE ENGINEER,
TECH MAHINDRA
HYDERABAD.



CH.Venkata Sairam
IV -B.Tech, (17471A0343)

Student Voice:

I feel very blessed to be a Mechanical engineering student in Narasaraopeta Engineering college. Our faculty who are inspiring the future Technocrats, they taught us technical strategies they mentor,guide us and teach classes in a practical manner and encouraged each and every student's interests. Our backbone is our HOD Dr.S.B.Venkata siva sir who encourages student ideas and creates a platform to develop their ideas.

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

1. Mobile Robot 'Phollower 100' Helps to Battle Coronavirus

Another example highlighted by the IFR is the 'Phollower 100', manufactured by Photoneo the Slovakia-based provider of robotic vision and intelligence based on its patented 3D technology. The robot can be used for transport and distribution of material in any environment that requires minimum or no personal contact. This is especially invaluable in hospital quarantine zones, and other healthcare environments, for the transport of vaccines and other medical devices. It has a universal mobile platform, a maximum carry weight of 100 kg/220.5 lbs and a maximum pull weight of 350 kg/771.62 lbs. It is simple to use, quick to set up and is both flexible and reconfigurable. No floor marking tapes are needed. Real-time navigation is achieved by controlling the robot's movements with a joystick.

2. UC Berkeley Scientists Create Robotic COVID-19 Testing Lab

Meanwhile, in California, scientists at University of California, Berkeley's Innovative Genomics Institute (IGI) are creating from scratch an IGI pop-up diagnostic lab. With the help of robotics and a streamlined process, it is expected to soon perform 1,000 tests daily, with the ability to ramp up to 3,000 tests per day if necessary. "This is just an amazing opportunity," said Guy Nicolette, UC Berkeley's Assistant Vice chancellor for University Health Services. "I am amazed at how quickly Berkeley was able to mobilize and to take advantage of the newer rules in order to innovate more quickly. The lab side of things has been so reliant on human manual work that this would be a game changer in a lot of ways." UC Berkeley labs possessing high-throughput PCR machines donated their equipment to the cause, while IGI established robotic sample handling as well as secure data management.

Faculty Focus

Publications:

1. Dr. R Sambasiva Nayak, Dr.V. Venkat Rao, Dr Amit Gupta, Dr S K Bajidvali" High Isolation Eight-Element MIMO Antenna Array Tightly Arranged Based on Embedded Meta-Material Cells", Indian Journal of Science and Technology, April 2021,Vol 14, Issue15, pages: 1168-1176

2. Dr. R Sambasiva Nayak, Dr.V. Venkat Rao, Dr Amit Gupta, Dr S K Bajidvali" High Isolation Eight-Element MIMO Antenna Array Tightly Arranged Based on Embedded Meta-Material Cells", Indian Journal of Science and Technology, April 2021, Vol 14, Issue15, pages: 1168-1176

3. Dr. R Sambasiva Nayak Dr.V. Venkat Rao, Dr Amit Gupta, Dr S K Bajidvali" High Isolation Eight-Element MIMO Antenna Array Tightly Arranged Based on Embedded Meta-Material Cells", Indian Journal of Science and Technology, April 2021, Vol 14, Issue15, pages: 1168-1176

4. Dr. R Sambasiva Nayak Dr.V. Venkat Rao, Dr Amit Gupta, Dr S K Bajidvali" High Isolation Eight-Element MIMO Antenna Array Tightly Arranged Based on Embedded Meta-Material Cells", Indian Journal of Science and Technology, April 2021, Vol 14, Issue15, pages: 1168-1176

5. Dr. Shaik Bajid Vali, Dr.V. Venkata Rao, Dr.MD. Javeed Ahammed, "Human gait detection using silhouette image recognition "Turkish Journal of Computer and Mathematics Education(TJCME) Scopus Indexed Journal, April 2021, Vol.12 Issue No.7(2021), PP:1320-1326

6. Dr. Shaik.BajidVali, Dr.V.Venkata Rao, Dr.MD.Javeed Ahammed, "Human gait detection using silhouette image recognition "Turkish Journal of Computer and Mathematics Education (TJCME) Scopus Indexed Journal, April 2021, Vol.12 Issue No.7(2021), PP:1320-1326

Patents Filed:

S.No.	Name of the faculty	Title of the patent	Application No & Date of filing	Publication Date
1	Mrs B.Suneetha	Retinal Vascular disease Detection from Retinal Fundus images using Machine Learning	2020101450 23/7/2020	12/8/2020
2	Mrs B.Suneetha	Low cost Public Transport Disinfection and Sterilization system	202041034076 5/8/2020	4/9/2020
3	Dr. Amit Gupta	A novel method to analyze liver cancer growth using RselibKnn, Simple Cart and KStar classifiers and entropy measure	202011044254 12/10/2020	10/1/2021
4	Dr.Shaik Bajidvali	Enhancement of Quality of Service in wireless sensor Networks by Redundant sensors Controlling	202041051968 28/11/2020	11/12/2020
5	Dr.Shaik Bajidvali	Enhancement image compression system with parallized Binary sensor the optimization Method for Medical Images.	202141007441 23/02/2021	26/12/2020
6	Dr.Shaik Bajidvali	A System and the optimal method for Fractal image compression of Satellite Images.	202141008408 28/02/2021	05/03/2021
7	Dr.R Sambasiva Nayak	Recognizing Human Facial Emotion And Detection Utilizing Deep Learning	202111006194 A & 14/2/2021	19/02/2021
8	Dr.R Sambasiva Nayak	Smart Green Energy Generation From Multi Storey Building Sewerage	2021410125991 1 & 23/03/2021	26/03/2021
9	Dr.A.V.Nageswara Rao	Smart Green Energy Generation From Multi Storey Building Sewerage	2021410125991 1 & 23/03/2021	26/03/2021
10	Charales stud	Smart Green Energy Generation From Multi Storey Building Sewerage	2021410125991 1 & 23/03/2021	26/03/2021
11	Dr. R Sambasiva Nayak	The IOT Based Doorbell Management System	202141015480 A& 31/03/2021	9/4/2021
12	Dr.A.V.Nageswararao	The IOT Based Doorbell Management System	202141015480 A& 31/03/2021	9/4/2021
13	Dr. K. Raju	The IOT Based Doorbell Management System	202141015480 A& 31/03/2021	9/4/2021

Text Books/Chapters Published:

S. No.	Name of the Author(s)	Title of the Text Book	ISBN No.	Publisher
1	Rajeevreddy Nareddula	Hybridization of Blockchain and Cloud Computing Overcoming Security Issues in IoT		Apple Academic Press
2	Dr.Shaik Bajidvali	Computer Network & Security	978-81-952589-1-8 P788195258918	Jayalakshmi publications

Brief Intro about new faculty



Date of Joining: 08.03.2021

Dr. K. Anjaneyulu, completed B.Tech (ECE) from RVR & JC College of Engineering, Guntur, A.P. in 2005, completed M.Tech. from Bapatla Engineering College, Bapatla, A.P. in 2008 and completed Ph.D. from Acharya Nagarjuna University in 2019, Guntur, A.P. He has 13 years of teaching experience.



Date of Joining: 21.01.2021

Mr Naraiah R, Completed B.Tech (ECE) from Nagarjuna Institute of Technology & Sciences (Affiliated to JNTUH), Miryalaguda, Nalgonda Dist, Telangana state in 2002, Completed M.Tech (Digital Electronics and Communication Systems) from Narasaraopeta Engineering College (Affiliated to JNTUK), Narasaraopet, A.P in 2009. He has 15 years of experience in teaching.



Date of Joining: 18.01.2021

Mr.B.Srinivas Rao, completed B.Tech. and M.S (Embedded Systems) from JNTU Hydearbad and Manipal University respectively. Presently, he is pursuing Ph.D. from Annamalai University, Chidambaram and is having 14 years of both teaching and research experience.



Date of Joining: 04.01.2021

Mrs. J.Sravanthi, completed B.Tech (ECE) from MITS, Kadad, JNTUH in 2006, completed M.Tech. from HIET, Hyderabad, in 2012 and she is having Teaching Experience of 11 years .



Date of Joining: 20.01.2021

Mr. Ch.Adi Babu, completed B.Tech (ECE) from SISTAM College of Engineering, Srikakulam, A.P. in 2006, Completed M.Tech. from Narasaraopeta Engineering College, Narasaraopet, A.P. in 2012. He has 9 years of Teaching experience.



Date of Joining: 18.01.2021

Mrs. Kunchala Sivakumari, completed B.Tech (ECE) from Narasaraopeta Engineering College, Guntur district, A.P in 2012, completed M.Tech. from Vignan University, A.P. in 2014. She has 3 years of teaching experience.



Date of Joining: 08.03.2021

Mrs. Shaik Areefa Begam, completed B.Tech (ECE) from GIST (Gandhiji Institute of Science & Technology) Engineering College, Gattu Bheemavaram, Krishna district, A.P in 2012, completed M.Tech. from GDMM College of Engineering and Technology, Nandigama, Krishna (D), A.P. in 2014. She has 5 years of teaching experience.



Date of Joining: 08.03.2021

Ms. Shaik Asifa, completed B.Tech (ECE) from SMITW, Guntur, A.P in 2017, completed M.Tech from SMCE, Guntur, A.P. in 2020.



Date of Joining: 08.03.2021

Mrs. Devireddy Sai Chandhrika, completed B.Tech (ECE) from St Mary's Womans Engineering College, Guntur district, A.P in 2017, completed M.Tech. from St Mary's Womans Engineering College, Guntur district, A.P in 2019. She has 1 year teaching experience.



Date of Joining: 01.02.2021

Mr. Samuel Joe Victor, completed B.Tech (ECE) from Amara Institute Of Engineering & Technology, Narasaraopet, A.P in 2015 and completed M.Tech. from Narasaraopeta Engineering College, Narasaraopet, A.P. in 2019

Student Focus

Title of the program	Name of the Resource Person	Name of the Coordinator	Dates	No.o Particip
Paper presentation on "Smart Technologies for fighting Pandemic: The Techno and Human"	Dr.Akhilesh Kumar Sharma Assoc. Prof Manipal University, Jaipur.	Dr. Ragahvaiah Assoc. prof	19.06.21	12 batel
Project Presentation	-	Dr.K. Raju Assoc. Prof	18.06.21	36 batel
Industrial visit to Sri Mittapalli Spinners	-	-	23.01.21	II-ECI
Poster Presentation on	-	Dr.A.V Nageswara Rao, Assoc.Prof	22-05-2021	57

Number of online/course era certifications done : 473

Alumni Voice:



Anila Sri
Software Designer,
Alstom, Bangalore
2012-16

After completion of my four years, I can succinctly describe the student life of NEC as a diversified experience encompassing joy, exploration, and grooming. All these aspects allowed me to refine my academic abilities. Students from all over the state gather under the umbrella, shaping amalgamation of different cultures. Additionally, making new friends and enhancing academic networks are the essences of this program. The courses being offered a wide range of topics related to Internet of Things and other advanced fields in Electronics and Communication Engineering. Overall, the learning atmosphere was exemplary and both experiences of career and personal were praiseworthy in the whole interim.

I am thankful to all the faculty members of the College for their continuous efforts and support. Apart from excellent academic experience, I also gained the benefits of being a part of Cultural Student' body. I cherish every moment spent at NEC. My graduation at NEC has been a very interesting and awesome journey.

Student's Voice:



Vishnu Govardhan Reddy G
18471A04E1 -III ECE

Being a part of this college was one of the best decisions I had taken, ranging from studies to extra-curricular opportunities, it has never failed to break my shell of hesitance as I refer to it, and help me develop in every way possible. My college has inspired me to participate in various competitions e.g. Poster presentations, quizzes, seminars etc., it gave me a opportunity to work on my presentation skills and communication skills.

"Education is not learning of facts but training of mind to think" quoted by Albert Einstein is the principle followed by the college faculties, which in turn ameliorate and refine our analyzing and focusing skills.

Teachers are very determined, focus, and adept in their chosen field of interest, which makes the studying experience subtle and informative, and they are always here to guide and help me on this expedition.

Plethora of opportunities are made available by the college, where students can exercise and develop skills, it only depends upon oneself to pick them up with a new zeal and enthusiasm and gain experience.

To sum up my experience so far in this college, I am a third year student right now and have not regretted a day in this college and this strengthens my belief that my final year will also be filled up with all new experiences and supports from college mates as well as college faculties.

Faculty Achievements

Research funds sanctioned and received from various agencies, industry and other organizations.

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned (Rupees in Lakhs)	Amount received during the year (Rupees in Lakhs)
MODROBS	3-12-2019 (2YEARS)	AICTE	16,71,000	13,36,800

MOUs Signed

S.No	Dept	MOUs Signed with	Nature of MoU / Activity	Period of coverage
1	ECE	M/S BYTEXL INDIA PRIVAE LIMITED	To set up a Centre Of Excellence (COE) within the campus to train students in the field of Cyber Security.	3 Years from the date of agreement i.e 16/10/2020

Number of Online FDPs/Seminars attemded by the faculty : 119

Department Activities

Number of professional development / administrative training programmes organized

SNo	Name of the Training Programme/Seminar/	Name of the Resource Person	Dates of the Event
1	A Guidance Program "On career Opportunities after B.Tech"	Mr.Baseeth Alam S.MM Trinath In Association with ACE	25-6-2021
2	Guest Lecture on Artificial Neural Networks-Health care applications	Dr Akhilesh Kumar Sharma, Assoc Professor, Manipal University-Jaipur	19.06.2021
3	A Guest Lecture on Fundamentals of IOT	Dr. D. J. R. Kiran Kumar Associate professor, KL University	04.03.2021
4	Two day Work shop on Important topics in Signals and Systems	Dr. D. J. R. Kiran Kumar Associate professor, KL University	05.03.2021-06.03.2021



A Guest Lecture on Fundamentals of IOT

List of APSSDC Programs Conducted:

Sl.No.	Name of the Programme	Dates	Participants
1	One week work shop on Internet of Things	19.04.2021 to 26.04.2021	249
2	Six-day Workshop on "Embedded Systems Fundamental &Advances".	1-2-2021 to 6-2-2021	60

Placement Training Program Details:

S.No.	Name of the Programme	Organized by/Resource Person(s)	Date (from to)	No. of beneficiaries
1	MNC specific training	ByteXL/ Chaitanya Lingamaneni	03-12-20 to 31-12-20	245 (III B.Tech)
2	Wipro specific training	ByteXL	24-12-20 to 05-01-21	141 (IV B.Tech)
3	MNC specific training	ByteXL	29-03-21 to 03-04-21	504 (II&III B.Tech)
4	InfyTQ	ByteXL	24-03-21 to 01-04-21	126 (III B.Tech)
5	MNC specific training	ByteXL	05-04-21 to 18-04-21	504 (II&III B.Tech)
6	MNC specific training	ByteXL - Zoom	22-04-21 to 30-04-21	504 (II&III B.Tech)
7	DXC specific training	ByteXL – Microsoft teams	22-06-21 to 29-06-21	181 (III B.Tech)

IEEE Student Chapter (STB61021)

A total of 31 members registered in IEEE Student Chapter in order to participate in various events conducted under IEEE banner.

Sl.No.	Name of the Programme	Resource Person	Dates	No.of Participants
1	Webinar on "Recent Trends in VLSI Devices" in Association with NEC IEEE IESSB	Dr.ShilpiBirla, Associate professor Manipal University, Jaipur	18-06-2021	215



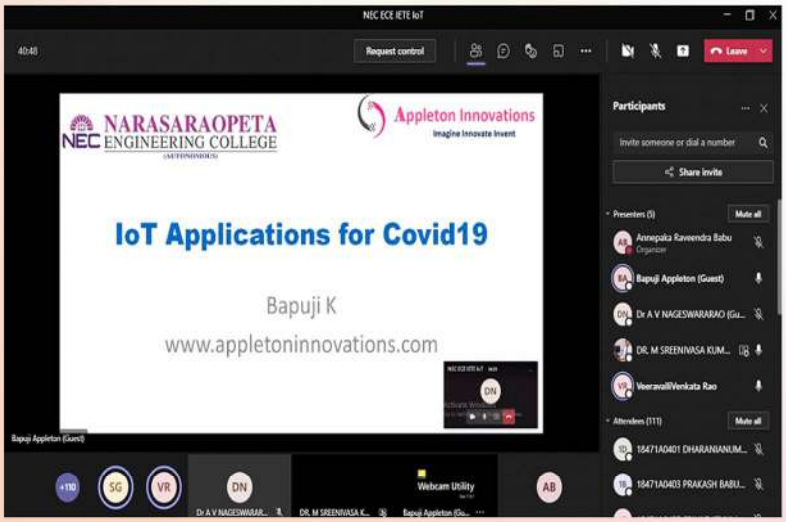


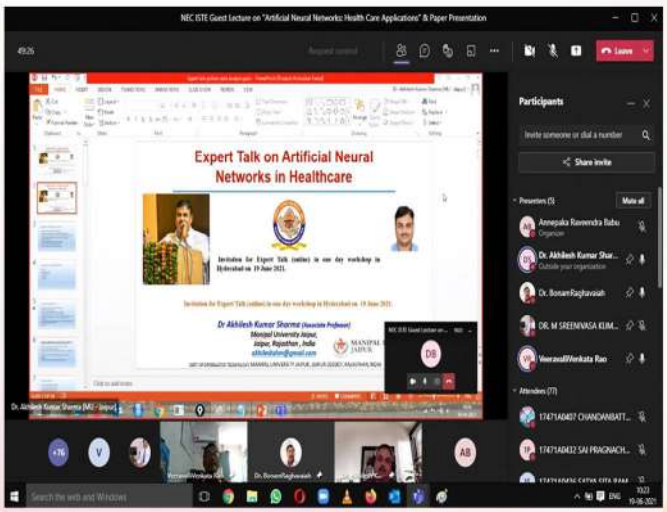
Webinar on "Recent Trends in VLSI Devices" in Association with NEC IEEE IESSB

Sl.No.	Name of the Programme	Resource Person	Dates	No.of Participants
1	Guest Lecture on IoT applications for COVID-19	Dr.Bapuji IIT Bombay, CEO-Appleton Innovations	22.05.2021	165
2	Poster Presentation on "Advanced IOT applications"	IETE	22-05-2021	57









Sl.No.	Name of the Programme	Resource Person	Dates	No.of Participants
1	Guest Lecture on "Artificial Neural Networks: Health care Applications"	Dr. Akhilesh Kumar Sharma Associate Professor Manipal University, Jaipur.	19.06.21	35
2	Paper presentation on "Smart Technologies for fighting Pandemic: The Techno and Human"	ISTE	19.06.21	12 Batches

Guest Lecture on "Artificial Neural Networks: Health care Applications"

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Innovation is our tradition

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.

Inculcate teamwork and lifelong learning among students with a sense of societal and ethical responsibilities.

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

New Trends in Technology: 5G Technology



5G has more capacity than 4G. 5G is designed to support a 100x increase in traffic capacity and network efficiency. 5G has lower latency than 4G. We often say that 5G will usher in the Fourth Industrial Revolution and change the economy. Because of the speeds and capacity that Verizon's5G network promises to bring, it has the potential to be an indispensable technology. It is estimated that by 2035, 5G "will enable $12.3 trillion of global economic output and support 22 million jobs worldwide."

Reasons 5G is important

Improving accessibility

Extending the reach of mobile broadband

Improving safety, health and security

Faculty focus:

Papers presented:

Dr. M. Venkata Reddy, Published a paper title "Usage of KNN, Decision Tree and Random Forest Algorithms in Machine Learning and Performance Analysis with a Comparative Measure", Machine Intelligence and Soft Computing. Issue February 2021, ISBN: 978-981-15-9516-5.

M. Sireesha, Tirumala Rao S.N., Vemuru S. (2021) Risk Prediction-Based Breast Cancer Diagnosis Using Personal Health Records and Machine Learning Models. In: Bhattacharyya D., Thirupathi Rao N. (eds) Machine Intelligence and Soft Computing. Advances in Intelligent Systems and Computing, vol 1280.

Dr. S.N. Tirumala Rao", An Efficient Liver Disease Prediction Model using Machine Learning Algorithms", International Conference on Recent Emerging Science, Engineering & Advanced Research in Communication & Health Care (IC-RESEARCH), Organised by Vinayaka Mission Research Foundation from 4-06-21 & 5-06-21.

Dr. B. Jhansi Vazram", Detection Wheat Seed Type Using ML", International Conference on Recent Emerging Science, Engineering & Advanced Research in Communication & Health Care (IC-RESEARCH), Organised by Vinayaka Mission Research Foundation from 4-06-21 & 5-06-21.

Dr.SVN.Sreenivasu", Heart Attack Prediction Using Machine Learning Techniques", International Conference on Recent Emerging Science, Engineering & Advanced Research in Communication & Health Care (IC-RESEARCH), Organised by Vinayaka Mission Research Foundation from 4-06-21 & 5-06-21.

Dr. K.Lakshminadh," Credit Card Fraud Detection-Machine Learning methods", International Conference on Recent Emerging Science, Engineering & Advanced Research in Communication & Health Care (IC-RESEARCH), Organised by Vinayaka Mission Research Foundation from 4-06-21 & 5-06-21.

Dr. S.Siva Nageswara Rao," Mobile Price Classification", International Conference on Recent Emerging Science,Engineering & Advanced Research in Communication & Health Care (IC-RESEARCH), Organised by Vinayaka Mission Research Foundation from 4-06-21 & 5-06-21.

M. Sireesha", Breast Cancer Detection Using Machine Learning", International Conference on Recent Emerging Science,Engineering & Advanced Research in Communication & Health Care (IC-RESEARCH), Organised by Vinayaka Mission Research Foundation from 4-06-21 & 5-06-21.

Dr. T.V. Sai Krishna, "Deep Learning for Lung Cancer Prediction using NSCLS patients CT Information", International Conference on Artificial Intellegence and Smart Systems, organised by JCT college of Engineering and Technology from 25th-27th March, 2021.

Dr. S.N. Tirumala Rao",Bigmart Sales Prediction Using ML", International Conference on Recent Emerging Science,Engineering & Advanced Research in Communication & Health Care (IC-RESEARCH), Organised by Vinayaka Mission Research Foundation from 4-06-21 & 5-06-21.

Dr. S.N.Tirumala Rao, "Predictive Analysis of Liver Diseases", International Conference on Recent Emerging Science,Engineering & Advanced Research in Communication & Health Care (IC-RESEARCH), Organised by Vinayaka Mission Research Foundation from 4-06-21 & 5-06-21.

Dr S V N Sreenivasu," Prediction of Glass Usage by Applying Machine Learning", International Conference on Recent Emerging Science,Engineering & Advanced Research in Communication & Health Care (IC-RESEARCH), Organised by Vinayaka Mission Research Foundation from 4-06-21 & 5-06-21.

M.Sireesha, "Thyroid Disease Prediction Using Machine Learning Techniques", International Conference on Recent Emerging Science, Engineering & Advanced Research in Communication & Health Care (IC-RESEARCH), Organised by Vinayaka Mission Research Foundation from 4-06-21 & 5-06-21.

Dr.S.V.N.Srinivasu, "Experimental Analysis on Sentimental Polarity Detection based on Textual Reviews", Annals of R.S.C.B., Vol. 25, Issue 6, ISSN:1583-6258, May 2021,9334-9346.

Dr.S.V.N.Sreenivasu, "A Distributed Data Processing Platform over Meteorological Big Data Using Mapreduce", Design Engineering, Issue: 5, ISSN: 0011-9342, May 2021, 1569-1576.

Dr.S.V.N.Sreenivasu, "Political Participation through Artificial Intelligence", Linguistica Antverpiensia, Issue-2, ISSN: 0304-2294, April 2021, 115-121 .

K.V.Narasimha Reddy, "Stock Market Data Inspection and Feature Stock Prediction using NN", International Journal of Engineering Research & Technology, Vol.9, Issue.4, ISSN:2278 0181, April'2021, 154-159.

Dr.S.N.Tirumala Rao, "ECG based Decision Support system for Clinical Management using Machine Learning Techniques", Material Science and Engineering, Vol.1085, Feb'2021.

M.Sireesha, "ECG based Decision Support system for Clinical Management using Machine Learning Techniques", Material Science and Engineering, Vol.1085, Feb'2021.

Dr. S.N.Tirumala Rao, "Risk Prediction-Based Breast Cancer Diagnosis uising Personal Health Records and Machine Learning Models", Advances in Intelligent Systems and Computing, Vol.1280, Jan'2021, 445-459.

M.Sireesha," Risk Prediction-Based Breast Cancer Diagnosis uising Personal Health Records and Machine Learning Models",Advances in Intelligent Systems and Computing,Vol.1280,Jan'2021,445-459.

Dr S.V.N.Srinivasu,"Usage of KNN, Decision Tree and Random Forest Algorithms in Machine Learning and Performance Analysis with a Comparative Measure",Machine Intelligence and Soft Computing,Vol.1280,Jan'2021,473-479.

Dr.M.VenkatReddy, "Usage of KNN, Decision Tree and Random Forest Algorithms in Machine Learning and Performance Analysis with a Comparative Measure", Machine Intelligence and Soft Computing,Vol.1280,Jan'2021,473-479.

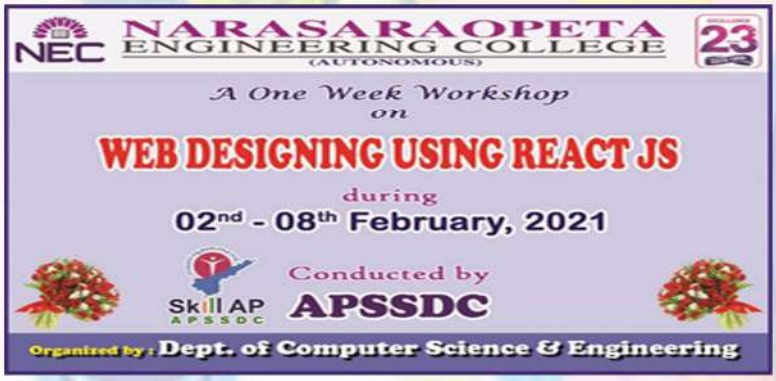
Department Activities:

Training Programs Conducted:

NEC Department of CSE "INSTITUTION INNOVATION" Cell Organized an Orientation Session on Innovation & Entrepreneurship" on 23-06-2021 at 4:00 pm



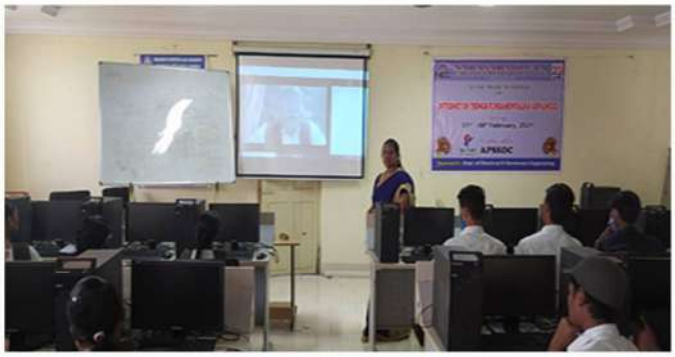
Department of CSE organised One week work shop on "web designing using REACT JS" during 2nd to 8th February 2021.In Conducted by APSSDC.



Department of CSE organised Two week work shop on "data Analysis & Machine Learning using python" during 8th to 24th April 2021. In Assosiation with APSSDC .



Department of CSE organised by one week work shop on "Internet of things Fundamentals & Advanced" during 01st to 06th Feb,2021 Conducted by APSSDC.



Dr. J. L. N. Jayaprada got doctorate from Acharya nagarjuna university Andhra Pradesh in the field of "Novel evolutionary algorithms with new mutants for sequence alignment" in 2021.



Student focus: Technical

300 Students from CSE Department participated in "GET SET GO Fresher induction program 2021" conducted by ICT Academy" and Organized by Dept. of CSE on 03- MAR-2021.



ATAL workshop on AUGMENTED REALITY AND VIRTUAL REALITY

AR/VR 5-Days AICTE sponsored workshop was conducted from 4th to 8th January 2021 in which around 128 participants from different parts of the country participated. The speakers for the 5-day workshop on "AUGUMENTED REALITY AND VIRTUAL REALITY".





Coursera and Solo Learn Certifications:

75 Students Achieved sololearn certification on Python3

27 Students Achieved sololearn certification on HTML course.

80 Students Achieved coursera certification on Logistic Regression with numpy and python.

30 Students Achieved coursera certification on Python Data structures.

55 Students Achieved coursera certification on AI for every one.

Academic Toppers in I B.Tech I Sem



T.Naga Mounika
19471A0560
SGPA: 9.2



Kopparapu Ajimoon
19471A0530



T.Sai Venkata Dheeraj
19471A0516
SGPA: 9.2



M.Adilakshmi
19471A0535
SGPA: 9.2

Alumni 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 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 good position it's because of what I have learnt from NEC. Lastly I am really proud to a student of NEC

S.VijayaLakshmi - 17471A0507

Student voice



Studying at the Narasaraopeta Engineering College brought an added value to my life. I had received many opportunities to groom myself, thanks to my ever-inspiring mentors who helped me to discover the talented part of myself. In the University Innovation Program, the faculty and management worked with us, without their help achieving the greater heights is not possible. I want to dedicate a great part of my success to college.

M.Venkata Jyoshna (19471A0534)

New Trends in Technology


Black holes and the Milky Way's Darkest secret

Discovery of nano-sized molecules that might inhibit Alzheimer's and Parkinson's diseases Nanosized molecules of a particular chemical element can inhibit the formation of plaque in the brain tissues. This new discovery by researchers at Umeå University, Sweden, in collaboration with researchers in Croatia and Lithuania, provides renewed hope for novel treatments of, for instance, Alzheimer's and Parkinson's disease in the long run.

"This is indeed a very important step that may form the basis of new and efficient treatments of neurodegenerative diseases in the future," says Professor Ludmilla Morozova-Roche at Umeå University.

When proteins misfold they form insoluble fibrils called amyloids, which are involved in several serious diseases such as Alzheimer's and Parkinson's, Corino de Andrade's and the mad cow disease. Amyloid aggregates kill neuronal cells and form amyloid plaques in the brain tissues.

What researchers in Umeå in Sweden, Vilnius in Lithuania and Rijeka in Croatia have discovered is that a particular nanosized molecules can hinder the amyloid formation of pro-inflammatory protein S100A9. These molecules are able even to dissolve already pre-formed amyloids, which has been shown by using atomic force microscopy and fluorescence techniques. The molecules in question are nanosized polyoxoniobates, which is so-called polyoxometalate ions with a negative charge containing the chemical element niobium.

"Further research is needed before we can safely say that functioning treatments can be derived from this, but the results so far have proven very promising," says Ludmilla Morozova-Roche.

The researchers have been working with two different polyoxoniobate molecules, Nb10 and TiNb9. Both turned out to inhibit SI00A9 amyloids by forming ionic interactions with the positively charged patches on the protein surface, which are critical for amyloid self-assembly. The polyoxoniobate molecules that have been studied are relatively chemically stable and water-soluble. The molecules are nanosized, which means that they are extremely small. These nanomolecules can also be of interest for other medical applications such as implants thanks to their high biocompatibility and stability.

At Umeå University, two research groups, from the Faculty of Medicine and the Department of Chemistry, have collaborated by addressing the issue from different angles and by applying a wide spectrum of biophysical and biochemical techniques and through molecular dynamics simulations.

Faculty Focus

1. Dr.K.Ponnari Lakshmi, Professor and Head of the Department of B.S.&H attended an FDP on "The Latest Research Software and ICT tools for Communicating Research" organised by GMR Institute of Technology, Rajam from 20-6-2021 to 26-6-2021.

2. Dr. K.Ponnari Lakshmi, Professor and Head of the Department of B.S&H attended an International work shop on "Stress and Coping – strategies to de-stressganised by Gitam University, Vizag, from 12-6-2021 to 13-6-2021.

3. Dr.K.Ponnari Lakshmi, Professor and Head of the Department of B.S.&H attended an FDP on "English Language Learning as a Life Skill" organised by KLU, Guntur, from 24-6-2021 to 26-6-2021

4.Mrs. V.Aruna,Asst.Professor of English presented a research paper in a National e-conference titled with "Gender construction and concepualising gender relations in Anita Nair's novels" organised by Sahitya Academy, New Delhi, on 5th – 6th Feb. 2021.

5. Mrs. V. Aruna, Asst. Professor of English presented a research paper in International e-conference, Research and Development in Science, Engineering and Technology, "Mind mapping-the best selective tools for Learning and Teaching" organised by St. Anne's college of Engineering and Technology, Panruti, Tamil Nadu, on 5th March 2021.

6. Mrs. V. Aruna, Asst. Professor of English, attended an FDP on Latest Research Software and ICT Tools for Communicating Research, organised by G.M.R. Institute of Technology, Rajam, from 20-6-2021 to 26-6-2021.

7. Mrs. V. Aruna, Asst. Professor of English, attended an FDP on "English Language Learning As a Life Skill, organised by K.L.U., Guntur, from 24-6-2021 to 26-6-2021.

8. Mrs. V. Aruna, Asst. Professor of English, attended a National Conference "Blending Education with Advance Technology for Effective Teaching" organised by Prerana College of Commerce, Nagpur from 28-6-2021 to 29-6-2021.

9. Mrs. V. Aruna, Asst. Professor of English, attended a National Seminar on "Importance of Soft Skills for Career Enhancement" organised by Shriram Sada Shiv Dhamankar College of Commerce, Science and Arts, Nashik from 27-1-2021 to 28-1-2021.

10. Mr. G.R.K. Murthy, Asst. Professor of English attended an FDP on "English Language Learning As a Life Skill, organised by K.L.U., Guntur, from 24-6-2021 to 26-6-2021.

11. Mr. G.R.K. Murthy, Asst.Professor of English attended, attended a National Conference "Blending Education with Advance Technology for Effective Teaching" organised by Prerana College of Commerce, Nagpur from 28-6-2021 to 29-6-2021.

12. Mr. Z. Mohan Rao, Asst. Professor of English, attended an FDP on Latest Research Software and ICT Tools for Communicating Research, organised by G.M.R. Institute of Technology, Rajam, from 20-6-2021 to 26-6-2021.

13. Mr. M.Purna Chandra Rao, Asst.Professor of English, attended an FDP on Latest Research Software and ICT Tools for Communicating Research, organised by G.M.R. Institute of Technology, Rajam, from 20-6-2021 to 26-6-2021.

14. Mr. B.Vemaiah, Asst. Professor of English, attended an FDP on Latest Research Software and ICT Tools for Communicating Research, organised by G.M.R. Institute of Technology, Rajam, from 20-6-2021 to 26-6-2021.

15. Dr. G.Dharmaiah, Assoc. Professor of Mathematics published a paper on "Entropy analysis of Nanofluidmagnetohydrodynamic convection flow past an inclined surface: Anumerical review", Heat Transfer, in https://doi.org/10.1002/htj.22159 (Scopus Indexed & Web of Sciences on 25 April, 2021.

16. Dr. G.Dharmaiah, Assoc. Professor of Mathematics published a paper on "Numerical study of radiative non-dorcynano fluid flow over a stretching sheet with a connective nield conditions and energy activation" Nonlinear Engineering (DE GRUYTER) https: //doi.org/10.1515/NLENG-2021-0012 (Scopus Indexed & Web of Sciences) on 10 April 2021.

17. Dr. G.Dharmaiah, Assoc. Professor of Mathematics completed a short term course on computational fluid Dynamics and its Applications conducted by Dept. of Mechanical Engineering IIT, Indore, from 26th to 31st March 2021.

18. Dr. G.Dharmaiah, Assoc. Professor of Mathematics attended an FDP on "Role of Mathematics in Latest Engineering Trends" organised by Lords Institute of Engineering and Technology from 4th June to 10th June 2021.

19. Dr. G.Dharmaiah, Assoc. Professor of Mathematics attended an FDP on Mathematical approaches in Science and Engineering" organised by the Department of Mathematics, KLU, from 8th Feb. to 12th Feb.

20. Dr. G.Dharmaiah, Assoc. Professor of Mathematics attended an International FDP on Applicable Mathematics and Programming in Science and Technology." From 7-6-2021 to 12-6-2021, Organized by "MOHAMED SATHAK A J COLLEGE OF ENGINEERING", Chennai.

21. Dr.G.Dharmaiah, Assoc. Professor of Mathematics attended a National Work shop on "Research Trends in Mathematics and Research Methodology" Organised by Department of Mathematics, Govt. MGM PG college, Itarsi.

22. Dr. G.Dharmaiah, Assoc. Professor of Mathematics attended a 5-day National work shop on "Technical Report Writing using LaTex" from 5th to 9th organized by School Of Electronics Engineering (SENSE) VIT, A.P. Amaravathi.

23. Dr. G.Dharmaiah, Assoc. Professor of Mathematics participated a six days STTP on "Innovative Tools for Mathematics" from 3rd May, 2021 to 8th 2021 to 8th Conducted by the Department of Science and Humanities of Hindustan College of Engineering and Technology,Coimbatore.

24. Dr. Shaik Moiddin Shaw, Professor of Mathematics attended Five day Faculty Programme on "Mathematical Approches in Science and Engineering", from 8th to 12th February 2021 organised by KLU, Deemed to be University,Guntur.

25. Dr. Shaik Moiddin Shaw, Professor of Mathematics attended Five day Faculty Programme on " Mathematical Tools" from 21st June to 25th June 2021, organised by Hindustan college and government MGM PG college, Itarsi.

26. Dr. Ch. Maheswari, Assoc.Professor of Mathematics attended a workshop on "Number Theory and its applications" from 14th June to 19th June 2021, organised by GATES institute of technology.

27. Dr. Ch. Maheswari, Assoc. Professor of Mathematics did a short term course on "Computational Fluid Dynamics and its Applications" from 26th March to 31st March 2021, organised by Department of Mechanical engineering, IIT Indore.

28. Dr. Ch. Maheswari, Assoc.Professor of Mathematics attended an FDP on "Applicable Mathematics and programming in science and technologies", from 7th to 12th June 2021, organised by Mohamed Sathak AJ College of engineering.

29. Dr. Ch. Maheswari, Assoc. Professor of Mathematics attended an FDP on "Role of Mathematics in latest Engineering trends", from 4th to 10th June 2021, organised by lords institutes of engineering and technology.

30. Dr. Ch. Maheswari, Assoc.Professor of Mathematics attended an International conference titled with " New trends in Differential Equations and applied mathematics" organised by Sri vidya mandhir arts & science college, Krishnagiri from 12th to 13th April 2021.

31. Dr. Mohana Ramana, Assoc.Professor of Mathematics, participated in an international conference on "New trends in Differential Equations and applied mathematics" organised by Sri vidya mandhir arts & science college, Krishnagiri from 12th to 13th April 2021.

32. Dr. Mohana Ramana, Assoc.Professor of Mathematics, attended an FDP on "Role of Mathematics in latest Engineering trends", from 4th to 10th June 2021 ,organised by lords institutes of engineering and technology.

33. Dr. Mohana Ramana, Assoc.Professor of Mathematics, attended an FDP on "Research Advances in science and engineering", from 14th June to 18th June 2021, organised by Chadalawada Ramanamma engineering college, Tirupati.

34. Dr. Mohana Ramana, Assoc.Professor of Mathematics, attended a workshop on "Number Theory and its applications" from 14th June to 19th June 2021, organised by GATES institute of technology.

35. Mr. M. Prasad Asst. professor in Mathematics, attended a workshop on "Number Theory and its applications" from 14th June to 19th June 2021, organised by GATES institute of technology.

36. Mrs. A. Aparna, Asst. professor in Mathematics, did a short term course on "Computational Fluid Dynamics and its Applications" from 26th March to 31st March 2021, organised by Department of Mechanical engineering, IIT Indore.

37. Mrs. A. Aparna, Asst. professor in Mathematics, attended a five day workshop on "Technical Report Writing using Latex, from 5th to 9th April 2021, organised by VIT Amaravati.

38. Dr. P. Pramela Rani , Assoc.Professor of Chemistry, presented a paper entitled with "Chitosan Aminoacid Nanocomisite hydrogel and its biometric Applications" from 17th to 18th June 2021, organised by Department of chemistry, at Acharya Nagarjuna University.

39. Dr. P. Pramela Rani, Assoc.Professor of Chemistry, presented a paper entitled with " Structure and Spectral Investigations of Fe3+ Ion Doped Cd3(BO3)2 Nanocomposites for Optoelectronic Applications" from 18th to 19th March 2021, organised by Department of chemistry, at Acharya Nagarjuna University.

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

Y. Suresh, Assistant Professor was published paper on "A Study on Employee Retention Strategies of Automobile Industries with special reference to TATA Motors,Andhra Pradesh.Juni Khyat UGC Care Group I Listed Journal, Volume 11, Issue -01, Feb 2021, ISSN No.2278-4632, Impact Factor:6.625

S. Salma, Assistant Professor was published paper on Women Empowerment Through Microfinance: A Study in Krishna District, Andhra Pradesh. Juni Khyat UGC Care Group I Listed Journal, Volume 11, Issue - 01, Feb 2021, ISSN No.2278-4632, Impact Factor : 6.625

Department of MBA organize A one week workshop on Productivity Enhancement Tools conducted by APSSDC, 8th-13th February-2021.





Dept.of MBA conducted online webinar on Personal Finance & Investment Planning, resource person M.V.Narasinga Rao financial expert from CDSL, HYD on 12th May-2021.

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 careerrequirements. I hearty thank my faculty for helping me to develop managerial skills.



G.Sudhakar (2006-2008)
Factory Manager in
Nanda Feeds Pvt, ltd,
Karnataka

Student's Voice



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

T.Harish Kumar
MBA IV - Sem
H.T.no:18471E0047

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

5G NETWORKS

The advent of 5G is one of the most enigmatic new upcoming technologies that can impact businesses in 2020. Many industry experts have termed 5G as the future of communication.5G wireless networks will support 1,000-fold gains in capacity, connections for at least 100 billion devices and a 10 Gb/s individual user experience of extremely low latency and response times.

DISTRIBUTED CLOUD

The trends of cloud storage and cloud computing are already embraced by the industries across the globe and the next big thing that is going to hit the tech ecosystem is the distributed cloud system. Distributed Cloud helps in connecting the public cloud distributed operation of cloud services to specific locations.

BLOCKCHAIN

A blockchain is a decentralized, distributed, and oftentimes public, digital ledger that is used to record transactions across many computers so that any involved record cannot be altered retroactively, without the alteration of all subsequent blocks. This allows the participants to verify and audit transactions independently and relatively inexpensively.

ARTIFICIAL INTELLIGENCE

Artificial intelligence (AI), sometimes called machine intelligence, is intelligence demonstrated by machines, in contrast to the natural intelligence displayed by humans.

VIRTUAL REALITY

Virtual reality (VR) is a simulated experience that can be similar to or completely different from the real world. Applications of virtual reality can include entertainment (i.e. video games) and educational purposes (i.e. medical or military training). Other, distinct types of VR style technology include augmented reality and mixed reality.

AUGMENTED REALITY

Augmented reality (AR) is an interactive experience of a real-world environment where the objects that reside in the real world are enhanced by computer-generated perceptual information, sometimes across multiple sensory modalities, including visual, auditory, haptic, somatosensory and olfactory.

MIXED REALITY

Mixed reality (MR) is the merging of real and virtual worlds to produce new environments and visualizations, where physical and digital objects co-exist and interact in real time. Mixed reality does not exclusively take place in either the physical or virtual world, but is a hybrid of reality and virtual reality, encompassing both augmented reality and augmented virtuality via immersive technology.

Serverless Computing

Serverless computing, or Function as a Service (FaaS), allows companies to build applications that scale in real time so that they can respond to demand that can change instantly depending on orders of magnitude. FaaS offers a consumption-based platform so that developers can quickly and cost effectively deploy applications.

FACULTY FOCUS

Our faculty member G. Sambasiva Rao attended online Yoga Class on the occasion of International Day of Yoga conducted by IQAC & National Service Scheme held on 21st June, 2021.

STUDENT FOCUS

TOPPERS OF II MCA IV SEMESTER



SK.JAKIRA
19475F0029
9



G.SAI SRI
19475F0003
8.91



E. ABHISHEK
19475F0014
8.82

ALUMINI VOICE

The management of NEC provided not only peaceful college environment but also library and internet facilities to its students which helped me not to explore new things but also upgrade my skills. I always grateful to the management.



G.A. SAI RAMYA
Alumni

STUDENT VOICE

I am very proud to be a part of this department. The technical activities conducted by the department are not only interesting but also enhance my technical and programming skills.



P. SRIVIDYA
III MCA VI Semester

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





Training at NEC

S.No.	Department	Name of the Training Programme Seminar/workshop/ conference	Name of the resource person and organization	Date/s of the event	No. of Participants
1	III B TECH (CE & ME)	General CRT	Freelance	20th Jan - 30th Jan 2021	229
2	III B TECH (EEE,ECE & CSE)	InfyTQ	Bytexl	8th Feb - 13th Feb 2021	300
3	MBA	ICICI & LVS TECHNOLOGIES	Ananda Oliveti & Krishna CH	12th Feb - 18th Feb 2021	49
4	IV B TECH & MCA	Infosys	Bytexl	15th Feb - 20th Feb 2021	500
5	IV B TECH	Infosys	D. Srikanth (Bytexl)	25th Mar - 01st Apr 2021	72
6	III B TECH	InfyTQ	Bytexl	25th Mar - 01st Apr 2021	24
7	II B TECH	General CRT	Bytexl	5th Apr (Mon,Tus & Sat)	580
8	III B TECH	General CRT	Bytexl	7th Apr (Wed,Tus & Fri)	560
9	III B TECH	DXC Technology	Bytexl	16th June - 29 June 2021	426
10	IV B TECH	Wipro	Bytexl	29 June 2021	21

Overall Placed Students (July - Dec 2020)

Sl.No.	Name of the Company	Selected Students	Annual Package
1	ACCENTURE	62	4.5 LPA
2	CAPARO ENGINEERING INDIA LTD	1	1.8 LPA
3	COFORGE TECHNOLOGIES	10	3.65 LPA
4	COGNIZANT	1	5.4 LPA
5	GLOBAL EDGE	2	3.25 LPA
6	GREEVA SOFTWARE (TAFE)	1	3.0 LPA
7	ICICI BANK	13	3.14 LPA
8	INFOSYS	37	3.0 LPA
9	ISC SOFTWARE	1	3.01 LPA
10	MUVI	1	2.4 LPA
11	RENAULT NISSAN	19	1.8 LPA
12	WILEY-MORGAN STANLEY	1	7.0 LPA
13	WIPRO	1	3.5 LPA
14	INFYTQ	1	3.64 LPA
15	ADP	2	5.0 LPA



Students Selected in “TCS”



Students Selected in “DXC TECHNOLOGIES”









NSS ACTIVITIES





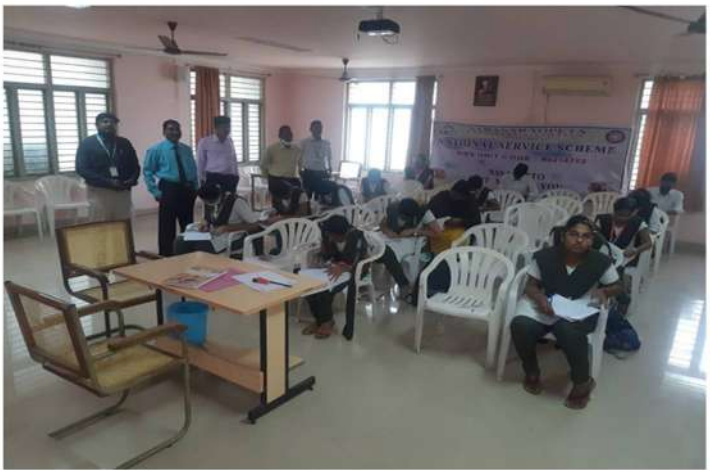
Our students actively participated in Chlorination Program at Yallamanda Village on 04-01-2021.





Our NSS volunteers donated fruits and bread to the children at Little Hearts Children Welfare Society, orphanage Centre, Narasaraopet on 05-01-2021.





Our NSS Unit conducted an Essay Writing Competition on the topic "Making Life Out of Life" – The Vivekananda Way "on the eve of Swami Vivekananda Jayanti" on 12-01-2021.

NSS ACTIVITIES



Our Hon'ble Principal Dr.M.Sreenivasa Kumar addressing the students about the role of voters in elections on the eve of National Voters Day conducted by college NSS Unit on 25-01-2021.



Our Hon'ble Principal Dr.M.Sreenivasa Kumar taking pledge from the students to create awareness on role of voters and curb the bad practices in the electoral systems.





Our college NSS Volunteers participation in Pulse Polio Vaccination Program at Yallamanda Village on 31-01-2021.



Our Hon'ble Principal Dr.M.Sreenivasa Kumar addressing the students about the importance of preventive measures to be taken on the eve of 32nd National Road Safety Month Program on 11-02-2021.



Sri.T.K.Parandhama Reddy Garu, RTO, Narasaraopet explaining the measures to curb the accidents on the eve of 32nd National Road Safety Month Program on 11-02-2021 in our college premises.

NSS ACTIVITIES





Our Hon'ble Principal addressing the students about the role of women to build strong India on the eve of celebration of International Women's Day on 08-03-2021.



Our Hon'ble Principal, Dr.M.Sreenivasa Kumar, addressing the students about the methods of preserving water on the eve of World Water's Day on 22-03-2021.



Our Principal, Dr.M.Sreenivasa Kumar taking pledge from students to protect and preserve water resources on the eve of World Water Day.





Our college NSS Unit organizing a Free Blood Grouping Test Program to 1st year students of B.Tech, MBA and MCA in co-ordination with NRT Blood Bank, Narasaraopet on 27-03-2021.

NSS ACTIVITIES



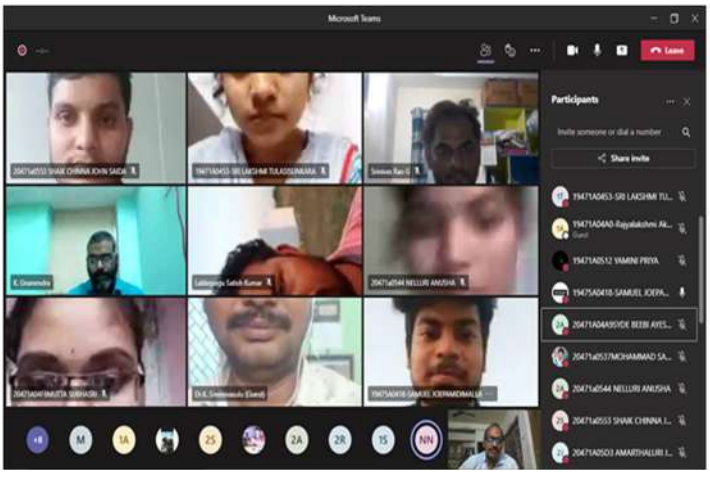


Sri.Ch.Vineela Garu, Excise Sub-Inspector, Narasaraopet, addressing the students about the awareness on Anti-Drugs Abuse Act on 10-04-2021.





Our Principal Dr.M.Sreenivasa Kumar, inaugurating the Onlilne Poster Presentation Competition on the eve of World Environment Day on 05-06-2021.



Our College NSS Unit organized an "Online Poster Presentation Competition" on the eve of World Environment Day on 05-06-2021.

NSS ACTIVITIES









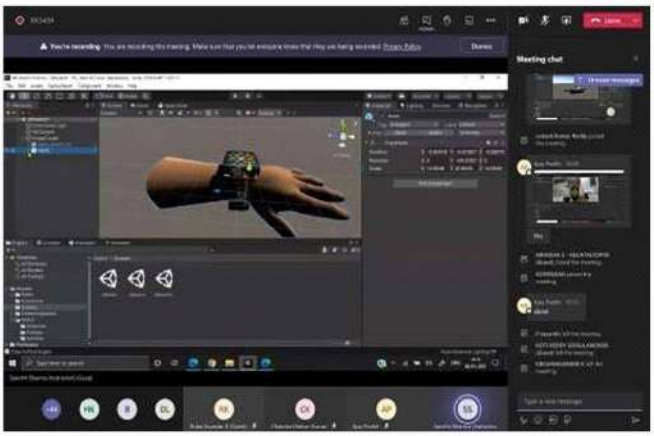
Sri.Kunisetty Janardhan Guruji (Parikalpa Yogi), a Yoga Trainer, Venkateswara Yoga Vidya Kendram, Narasaraopet Branch explaining the importance of Yogasanas, Pranayama and Meditation to the faculty and students on the eve of 7th International Day of Yoga on 21-06-2021.

College Events

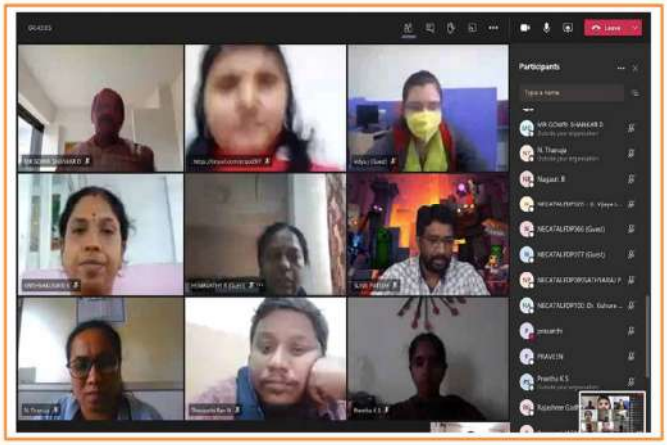






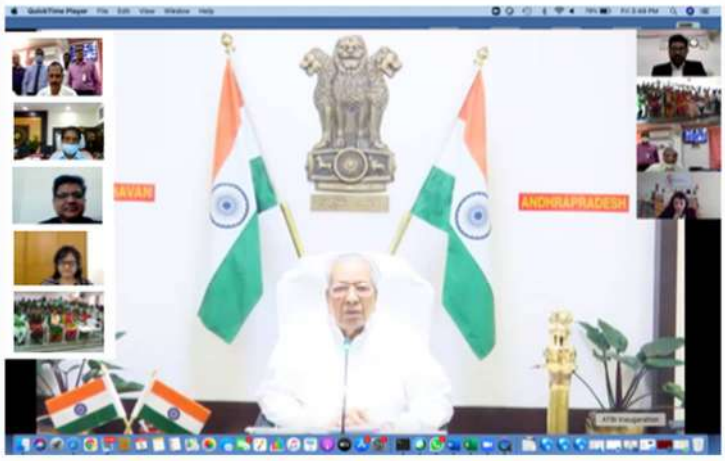






The AICTE sponsored FDP (ATAL - FDP) on
AUGMENTED REALITY AND VIRTUAL REALITY
is organized by Department of Computer Science and Engineering,
NEC on 04-01-2021.

College Events



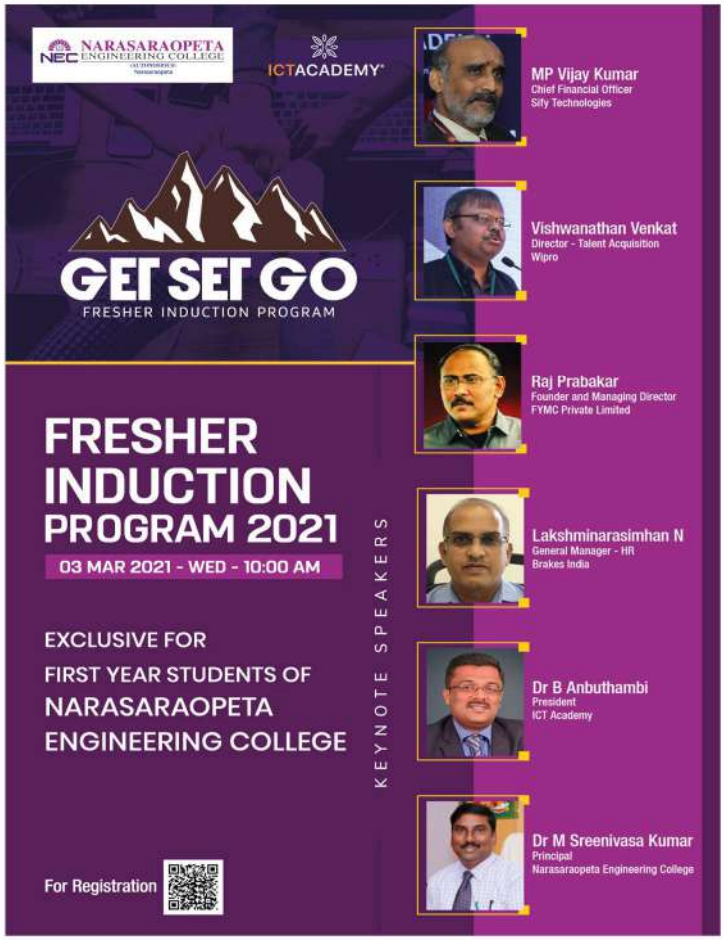


Hon'ble Governor of AP Sri. Biswabhusan Harichandan,
Sri Gopireddy Srinivasa Reddy, MLA (Narasaraopet),
Chairman Sri M.V.Koteswararao,
Vice-Chairman Sri M.Chakravarthi,
Mittapalli Ramesh Babu, Secretory, NEC Group,
Principal Dr. M.Sreenivasa Kumar, NEC
giving their valuable speech on the occation of
"Virtual inauguration of NIDHI TBI" sponsored by
Govt of AP at NEC on 05-02-2021.





College Events













The Fresher Induction Programme 2021 "GET SET GO" is organized by Department of CSE,NEC coordinated with ICT Academy on 04-03-2021. The Keynote Speakers (names) and **Principal Dr. M.Sreenivasa Kumar are giving their valuable suggestions on this occation.**

College Events



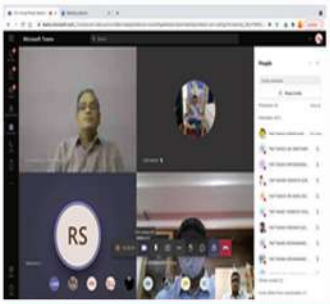


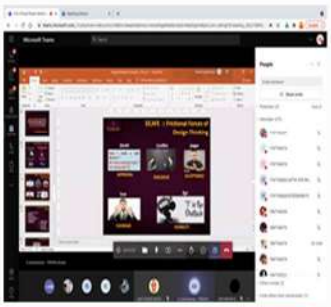




The resource person Dr. M.Sreenivasa Kumar, Principal, NEC is addressing the orientation session of Innovation and Entreprenuership organized by Institution's Innovation Council (IIC - 3.0) on 23-06-2021.







The Virtual seminar on "Design thinking and Innovation Design" is organized by Institution's Innovation Council, (IIC 3.0), NEC on 26-06-2021. The resource persons G.Subramanian, Head-Human Resources, Yoshin Group, Chennai and Dr M.Sreenivasa Kumar, Principal, NEC are addressing session on this occation.





Hon'ble Chairman Sri M.V.Koteswararao, Secretary Sri Mittapalli Ramesh Babu, NEC Group & Principal Dr. M.Sreenivasa Kumar, NEC Inaugurating the Statue of Dr. Sarvepalli Radha Krishnan at Mechanical Block, NEC on 12-01-2021.