NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)

NEC WAVES

A News Letter of

NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)

EXCELLENCE 22 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

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Kotappa Konda Road, Yallamanda (PO), Narasaraopet - 522601, Guntur (Dist), Andhra Pradesh

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Hon'ble Chairman Sri.M.V.Koteswara Rao lightening the lamp along with Vice-Chairman Sri.M.Chakravathi, Secretary Sri. M.Ramesh Babu, Principal Dr.M.Sreenivasa Kumar & Chief Guests Dr. V.V.Subbarao (Principal, JNTUN), Sri. A.H.V.N.Rajasekhar (Deputy General Manager, SBI Guntur) on the occasion of Jubilation-2K20

Dear Readers,

2020 is the year of COVID. It has stopped the activities of the universe but not the curricular and co-curricular activities of NEC. The Students and the staff members have continued their victories without any hindrance.

Mr. K. V. Pratap, Asst.Professor, Dept. of Civil Engineering has received "120R outstanding Educator Award 2019" from International Institute of organized research on 10/1/2020 at CII, Sec-31(A), Chandigarh, India.

Dept. of Mechanical Engineering has organized a five-day short term course on "RECENT TRENDS IN AUTOMOBILE TECHNOLOGY "in association with NITTR, Chandigarh from 24/02/20 to 28/02/20. Dept. of Computer Science Engineering organized a workshop on "C Programming concepts" during the lockdown period. Many students were benefited by the Knowledge imparted in the Workshop.

NEC staff members are the inspiration to the students. Dr. D. Suneel, Head of the Department of Mechanical Engineering has completed thirty-one COURSERA International Certifications within one month. Taking this as an inspiration Mr. Rama Krishna Mitra, Asst. Prof. Dept. of B.S.&H.(English) completed 64 COURSERA International certifications with in two months and the remaining staff members also completed many COURSERA Certifications, attended webinars and FDPS not wasting even single minute during the lockdown period and completely using the lockdown period for the knowledge upgradation.

NEC Staff and Management always concentrate on students' alround development. On the 14th & 15th of February college Jubilation 2K20 was celebrated with great enthusiasm. Dr.V.V.Subbarao (Principal, JNTUN), Sri.A.H.V.N.Rajasekhar (Deputy General Manager, SBI Guntur) & Mr. Kaushal, a film actor were the Chief Guests. In this Jubilation, Project-Expo, Code Contest, Technical Quiz & Paper Presentation were the events. The Students enjoyed alot by watching the cultural activities.

An old adage says: "Love Thy Neighbour as Thy self". In NEC the Principal and the Staff members impart the quality of helping nature, Discipline and Patriotism. The NSS volunteers conducted a special camp at yellamanda village to extend a helping hand to the villagers from 12-03-2020 to 18-03-2020. The Republic Day was been celebrated with patriotic fervour.

The indefatigable will and hard work of the students and the staff members, leads NEC on the path of victory.

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Principal's Desk



Dr. M. Sreenivasa Kumar, Principal

It is a matter of great pride and satisfaction to bring out the Newsletter for the period Jan 2020 to June 2020. By the mid of March 2020, we were face to face with the Covid19 pandemic. This has come as a sudden challenge for all of us. These three months have been one of the toughest phases the world has seen. The COVID-19 situation brought almost everything to a standstill. Yet I am glad that we did not succumb to the situation and gave our best. Hope you are all safe and healthy during this unprecedented pandemic situation, and that everyone is extending possible help to those suffering. Being one of the worst affected segments by COVID-19, the education sector is actively exploring alternative methods for content delivery, student evaluation, and effective engagement of human resources. All indications point to a future in which we have to live with the Corona virus and hence we have to prepare accordingly for the imminent paradigm shift, by modifying our behaviour, and age-old practices. Such changes will surely impact the employment scenario also. Challenges of such proportions bring golden opportunities as well. Technology interventions in healthcare, agriculture, food processing and manufacturing processes will be the prime areas of attention.

Not just online teaching-learning but we extended our support to society through community help. The institute gave its best in supporting students, whether it is teaching or projects. With a lot of webinars organized and attended, there was immense sharing of knowledge. All the faculty members conducted an online training program. I wish and pray that we triumphantly come out of these difficult times

I request all of you to abide by the directives of the Government and stand together to tide over the crisis.

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.



NEW Year Celebrations at Narasaraopeta Engineering College, Autonomous on 1st January, 2020



Department of Civil Engineering

Dreamt it We Built it!



Vision

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

Mission

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

New Trends in Technology

Drones or Unmanned Aerial Vehicles (UAVs):

Unmanned Aerial Vehicles (UAVs) – also known as "drones" – are set to become increasingly common on construction projects throughout 2021. From undertaking inspections ensuring that operatives are kept out of harm's way, to surveying vast areas of land in just a few minutes, the continued rise of UAVs will considerably improve safety and productivity in construction. Matured from one around feasibility to consider the steps needed for a successful implementation; with safety, approvals, privacy, the need for suitable legislation, and the urgent demand for specialist skillsets all on the agenda. Drones are the most widely used emerging construction technology. They can conduct site surveys more quickly and accurately than a crew on the ground and are cheaper than aerial imaging. Their high-resolution cameras and the data collected can create interactive 3D or topographical maps and models and take volume measurements. Another benefit of using drones is the ability to inspect hard to reach places such as bridges or around tall buildings, and to do it safely. You can also use them to monitor progress on a job site and see how people are working. Many construction sites are already heavily dependent on the use of drones. These drones are very beneficial in that they save a lot of time. For instance, surveyors can survey an entire site in just a few minutes, whereas in the past it'd take them several weeks or months. Obviously, this will also save construction companies a lot of money. As drone technology continues rapidly developing in its accuracy and precision of its readings, even less human involvement will be necessary. In the past, many companies were hesitant to use drones because they still needed a controller, but today as the technology grows much more efficient, more construction companies are willingly and openly embracing this technology.

Faculty Focus

Dr. G.Babu Rao published a paper entitled "Removal of fluoride in water by using low cost adsorbent" in International Journal of Multidisciplinary Educational Research, v. 9, issue 1(4), p. 113-117.

Dr. G.Babu Rao published a paper entitled "Soil Chemistry of Erravagu Sub-basin of Guntur District, Andhra Pradesh" in Test Engineering and Management, January -February2020, Volume 82, Page Number: 4492 -4498. (Scopus Indexed)

Dr. G. Babu Rao published a paper entitled "Environmental organic waste materials as Defluoridising agents" in Test Engineering and Management, March - April 2020, Volume 83, Page No. 13567 – 13575, ISSN: 0193-4120. (Scopus Indexed)

K Anil Kumar published a paper entitled "Experimental study on partial replacement of fine aggregate with ceramic tile waste in concrete", Indian journal of applied research (IJAR), Vol: 10, Issue: 5 , June 2020, Pages: 2249 – 5550.

K Anil Kumar published a paper entitled "Groundwater availability and quality in rural and urban areas of narasaraopeta mandal of guntur district", International Research Journal of Engineering and Technology (IRJET), Vol: 7, Issue: 6 , June 2020, Pages:2395-0072.

N.Mahaboob subhani published a paper entitled "Experimental study on mechanical & durability properties of recycled coarse aggregate concrete", International Journal of Innovative research in science, engineering and technology, Vol: 8, Issue: 6 , June 2020, Pages: 2319-8753.

Conferences/ Seminars/ Workshops attended:

Dr. G. Babu Rao has participated in three Day Faculty Development Programme on "NBA Process" organized by Narasaraopeta Engineering College (Autonomous), Narasaraopet, from 8th May, 2020 to 10th May, 2020.

Dr.G.Babu Rao has participated in three days Faculty Development Programme on "Recent advancements in Civil Engineering" organised by department of Civil Engineering, Anantha Lakshmi Institute of Technology & Sciences from 21.5.2020 to 23.5.2020.

Dr.G.Babu Rao has participated in one week online Faculty development program on "Emerging Technologies in Civil Engineering" organised by Department of Civil Engineering, JB Institute of Engineering & Technology, Hyderabad from 1st June to 6th June, 2020.

Dr.G.Babu Rao has participated in three day online workshop on "Current Development in Civil Engineering: Need for Sustainble Designs" organised by department of Civil Engineering, Lingayas Institute of Management & Technology held during 8.6.2020- 10.6.2020.

Dr.G.Babu Rao has participated in "A Webinar on eco friendly building technologies and materials: need of the hour", organized by Department of Civil Engineering, Lakireddy Balireddy College of Engineering through online mode on 31-05-2020.

N.Mahaboobsubhani has participated in three Day Faculty Development Programme on "Recent & Emerging Trends in Civil Engineering" organized by Andhra Loyola Institute of Engineering& Techonology Department Of Civil Engineering on 28 May to 30 May 2020.

N.Mahaboobsubhani has participated in five Day Faculty Development Programme on "Global trends in Civil &Infrastructural Engineeering" organized by Institute Of Aeronautical Engineering from 26th to 30th May-2020.

N.Mahaboobsubhani has participated in one week Faculty Development Programme on ""organized by Easwari Engineering College(An Autonomous Institution) Department Of Civil Engineering from 13th May To 19th May 2020.

N.Mahaboobsubhani has participated in one Day Faculty Development Programme on "Introduction to structural Design"organized by Vaagdevi College Of Engineering (Autonomous) Department Of Civil Engineering on 22 May 2020.

P.Ganesh has participated in two days Faculty Development Programme on "Advanced Constuction materials" organized by Easwar Engineering College Department of Civil Engineering on 11th May To 12th May.

M.Srinivasa Rao has participated in two days Faculty Development Programme on "Advanced Constuction materials" organized by Easwar Engineering College Department of Civil Engineering on 11th May To 12th May.

Naga Sai Sravya Kolla has participated in three day Webinar on "Recent Advancements In Civil Engineering" organized by Anantha Lakshmi Institute Of Technology And Sciences on 21st May 2020 to 23rd may 2020.

Naga Sai Sravya Kolla has participated in one day Webinar on "Interest & Time Value of Money in Construction" organized by ICI-Bangalore on 16/05/2020.

Naga Sai Sravya Kolla has participated in one day Webinar on "Conference on Advances in Geotechnical Investigations" organized by Koneru Laksmaiah Education Foundations on 23/05/2020.

Naga Sai Sravya Kolla has participated in one day Webinar on "Conference on Experimental Study on Ground Granulated Blast Furnace Slag and Metakaolin Based Geopolymer Concrete" organized by Koneru Laksmaiah Education Foundations on 22/05/2020.

Naga Sai Sravya Kolla has participated in one day Webinar on "Conference on Magnetic Survey of Meteoritic Impact Craters" organized by Koneru Laksmaiah Education Foundations on 18/05/2020.

Naga Sai Sravya Kolla has participated in one day Webinar on "Conference on Challenges in Design and Construction of Tall Structures" organized by Koneru Laksmaiah Education Foundations on 20/05/2020.

Naga Sai Sravya Kolla has participated in one day Webinar on "Conference on Recent Developments in Remedial Engineering for Concrete Structures" organized by ICI-Bangalore on 14/05/2020.

Naga Sai Sravya Kolla has participated in one day Webinar on "Conference On Understanding Of Disputes, Mitigation & Resolution In A Construction Project" organized by ICI-Bangalore on 16/05/2020.

Naga Sai Sravya Kolla has participated in one day Webinar on "Conference on Ready mixed Concrete Production Proces - Challenges & Remedies" organized by ICI-Bangalore on 18/05/2020.

Naga Sai Sravya Kolla has participated in one day Webinar on "Conference On Being Employable : Construction Industry Perspective" organized by ICI-Bangalore on 18/05/2020

Naga Sai Sravya Kolla has participated in one day Webinar on "Conference On Competency Targets For Employability- An Industrial Perspective" organized by ICI-Bangalore on 22/05/2020

Naga Sai Sravya Kolla has participated in four day Webinar on "Conference on Four Days Webinar Series" organized by Mhrd -Institution's Innovation Council 20-23/5/2020.

Naga Sai Sravya Kolla has participated in one day Webinar on "Conference on Basics in Design of Steel Structures" organized by Scr College of Engineering On 27/05/2020.

Naga Sai Sravya Kolla has participated in one day Webinar on "Conference On Sustainable Perspectives Of Sewage Treatment - A Pandemic Warrior" organized by Chalapathi Institute Of Technolgy on 23/05/2020.

Naga Sai Sravya Kolla has participated in one day Webinar on "Conference on Artificial Aggregate and Its Behavioural Aspects in Structures" organized by Vaagdevi College Of Engineering on 25/05/2020.

Naga Sai Sravya Kolla has participated in two day Webinar on "Conference on Modern Infrastructure & Construction Practices res" organized by Mic College Of Technology on 29-30/05/2020.

Naga Sai Sravya Kolla has participated in one day Webinar on "Conference on Behavior of Concrete Structures Subjected to Fire Exposure" organized by Vaagdevi College of Engineering on 2705/2020.

Naga Sai Sravya Kolla has participated in one day Webinar on "Faculty Program on Nba" organized by Bharati Vidyapeeth College of Engineering on 12/05/2020.

Naga Sai Sravya Kolla has participated in five day Webinar on "Faculty Development Programme (Fdp) On Global Trends in Civil & Infrastructural Engineering" organized by Institute Of Aeronautical Engineering on 26-30/05/2020.

Naga Sai Sravya Kolla has participated in three day Webinar on "Three-Day National Level Online Faculty Development Program"organized by Andhra Loyola Institute of Engineering & Technology on 28-30/5/2020.

Naga Sai Sravya Kolla has participated in one week Webinar on "One Week Faculty Development Program On "Civil Engineering Research - A Step Forward"organized by Gudlavalleru Engineering College, Gudlavalleru on 25/05/2020-30/05/2020.

Naga Sai Sravya Kolla has participated in one week Webinar on "One Week Short Term Training Program on Advancements in Civil Engineering"organized by Shri Vishnu Engineering College for Women (A) on 25/05/2020-30/05/2020.

Achievements/ Awards:

K.V.Pratap has received "I2OR outstanding Educator Award 2019" from International Institute Of Organized Research on 10/1/2020 at CII, Sec-31 A, Chandigarh (UT), India.

The following faculty members have completed certificate courses in course era during this period. The details are

S.No.	Name of the Faculty	No.of Courses
1	Dr.G.Babu Rao	8
2	M.Srinivasa Rao	3
3	K.V.Pratap	7
4	P.Ganesh	12
5	K.Venkatesh	2
6	K.Anil Kumar	5
7	T.Veda Bharathi	3
8	K.N.Sravya	7
9	N.M.Subhani	1
10	D.Silpa	1
11	L.Jaya Madhuri	4

Student Focus:

K.Naga Raju (17475A0126) published a paper entitled "Soil Chemistry of Erravagu Sub-basin of Guntur District, Andhra Pradesh", Test Engineering and Management, Vol: 82, January -February2020, Pages: 4492 - 4498.

D.Amarnadh Reddy (16471A0105) published a paper entitled "Environmental organic waste materials as Defluoridising agents", Test Engineering and Management, Vol: 83, March - April 2020, Pages: 13567 – 13575.

K..S. N. Malleswara Rao (17475A0129) published a paper entitled "Effect of different pH waters on Compressive Strength & Tensile Strength of Concrete", Solid State Technology (Scopus),Vol: 63, Issue 1s March - April 2020, Pages: 1719- 1724.

D Madhu (17475A0112) published a paper entitled "Groundwater availability and quality in rural and urban areas of narasaraopeta", International Research Journal of Engineering and Technology (IRJET), Vol: 7, Issue: 6, March - April 2020, Pages: 2395-0072

B. Venkata Maheswara Reddy(17475A0115) & P kiran (17475A0110) "Experimental study on partial replacement of fine aggregate with ceramic tile waste in concrete", Indian journal of applied research IJAR, Vol: 10, Issue: 5, March - April 2020, Pages: 2249 – 5550

K.Naga Raju (17475A0126), K..S. N. Malleswara Rao (17475A0129) and V.John Babu (17475A016) participated in Technical Quiz AMR Ignited Minds-2k19 organised by A.M. Reddy College of Engineering & Technology and secured prize for paper presentation held on 28th & 29th December, 2019.


30-12-2009

ఏఎంఆర్‌ఫెస్ట్‌లో ఎన్‌ఈసీ విద్యార్థి ప్రతిభ

K.Naga Raju (17475A0126) secured first prize for paper presentation AMR Ignited Minds-2k19 organised by A.M. Reddy College of Engineering & Technology held on 28th & 29th December, 2019.

K.Naga Raju (17475A0126) secured IInd prize in paper presentation in Lucent-2k20 organised by JNTU, Narasaraopet during 4th to 6th January, 2020.

K.Naga Raju (17475A0126), K..S. N. Malleswara Rao (17475A0129), M.Vamshi Krishna (17475A0122) and G.Koti Reddy (16471A0118) has participated in Technical Quiz in Gnaan-2020 organised by Guntur Engineering College on 18-2-2020 and secured IInd prize in paper presentation.

K.Naga Raju (17475A0126) secured first prize for paper presentation in Gnaan-2020 organised by Guntur Engineering College on 18-2-2020.

K.Naga Raju (17475A0126) secured II nd prize for paper presentation in FUSION-2020 organised by Rise Krishna SDai group of Institutions on 28th & 29th February, 2020.


జ్ఞాన్-2020లో ఎన్‌ఈసీ విద్యార్థుల ప్రతిభ

విద్యార్థులకు సర్టిఫికేట్లు అందజేస్తున్న కోటేశ్వరరావు

నరసరావుపేట, ఫిబ్రవరి 20 (ప్రభ న్యూస్) : స్థానిక నరసరావుపేట ఇంజనీరింగ్ కళాశాలలో బి.టెక్. ఫైనలియర్ చదువుతున్న సివిల్ ఇంజనీరింగ్ విద్యార్థులు ఈ నెల 18వ తేదీన గుంటూరు ఇంజనీరింగ్ కళాశాల వారు నిర్వహించిన జ్ఞాన్-2020 లో పాల్గొని వివిధ విభాగాల్లో ప్రతిభ కనబర్చినట్లు కళాశాల ప్రిన్సిపాల్ డాక్టర్ యం.శ్రీనివాసకుమార్ తెలిపారు. పేపర్‌ప్రెజెంటేషన్ విభాగంలో కె.నాగరాజు, కె.యస్‌వై మల్లేశ్వరరావు, ఎం.వంశీకృష్ణ బి.కోటిరెడ్డి, వి.బాస్‌బాబులు ద్వితీయ బహుమతి పొందినట్లు తెలిపారు. ఈ సందర్భంగా విద్యార్థులను కళాశాల ఛైర్మన్ మిట్టపల్లి వెంకట కోటేశ్వరరావు, వైస్ ఛైర్మన్ చక్రవర్తి, కార్యదర్శి రమేష్‌బాబు, సివిల్ ఇంజనీరింగ్ విభాగాధిపతి డాక్టర్ టి.వి.వి.ఎస్.మాధవి తదితరులు అభినందించారు.

ఆంధ్రప్రభ Fri, 21 February 2020 https://epaper.prabhanews.com/c/49235255

ఫ్యూజన్-2020లో విద్యార్థుల ప్రతిభ

నరసరావుపేట రూరల్, ఫిబ్రవరి 29: మండలంలోని యలమంద గ్రామంలోగల నరసరావుపేట ఇంజనీరింగ్ కళాశాలలో నిర్వహించిన ఫ్యూజన్-2020లో విద్యార్థులు ప్రతిభ కనబర్చినట్లు కళాశాల ఛైర్మన్ మిట్టపల్లి వెంకట కోటేశ్వరరావు తెలిపారు. ఈ నెల 27వతేదీన కళాశాలలో యూనివర్సల్ కళాశాల వారు నిర్వహించిన యూనిక్విస్ట్ 2k20, ఫ్యూజన్ 2020లో కళాశాల విద్యార్థులు పాల్గొని ప్రతిభ కనబర్చారని తెలిపారు. పేపర్ ప్రజంటేషన్ విభాగంలో స్మార్ట్ కాంక్రీట్ అనే అంశానికి డి. అమరనాథరెడ్డి, వి. మోహనవంశీయ ద్వితీయ బహుమతి, ఫ్యూజన్ 2020 పేపర్ ప్రజంటేషన్ విభాగంలో కె. నాగరాజుకు ద్వితీయ బహుమతి సాధించినట్లు కళాశాల సెక్రటరీ మిట్టపల్లి రమేష్‌బాబు తెలిపారు. కార్యక్రమంలో కళాశాల ప్రిన్సిపాల్ ఎం. శ్రీనివాసకుమార్, టి. వడేమాధవి తదితరులు పాల్గొన్నారు.

K.Naga Raju (17475A0126) and D.Amarnadh Reddy (16471A0105) & D. Mohan Chand (16471A0109) participated in Uniquest 2k19 organised by Universal college of Engineering & Technology and K.Naga Raju (17475A0126) secured first and D.Amarnadh Reddy (16471A0105) & D. Mohan Chand (16471A0109) has secured second prizes for paper presentations held on 27th & 28th February, 2020.



A.Kushil Mouli (16471A0101) and G.Koti Reddy (16471A0118) secured IInd prize for paper presentation in UDGOSH-20 organised by Chalapathi Institute of Technology on 6th & 7th march, 2020.

K.Naga Raju (17475A0126) won II nd prize in paper presentation Quiz at National level tech Extraganza Srujanankura organised by Vignans Foundation for Science, Technology & Research, Guntur during 12-14, march, 2020.

K.Naga Raju (17475A0126) and K..S. N. Malleswara Rao (17475A0129) secured IInd prize in Technical Quiz at National level tech Extraganza Srujanankura organised by Vignans Foundation for Science, Technology & Research, Guntur during 12-14, march, 2020.



K.Naga Raju (17475A0126) secured Ist prize for paper presentation in ESWAR FEST organised by Eswar College of Engineering on 14th march, 2020.

Important Activities held in the Department

Civil Engineering Department has organized a two weeks workshop on "E TABS software" from 23/12/2019 to 4/1/2020 for IV B. Tech students incorporation with APSSDC at Civil Engineering Department.

Civil Engineering Department has organized a one week workshop on "AUTOCAD software" from 3/2/2020 to 8/2/2020 & 17/3/2020 to 22/3/2020 for III B. Tech students incorporation with APSSDC at Civil Engineering Department.

Civil Engineering Department has organized a one week workshop on "REVIT software" from 2/3/2020 to 7/3/2020 & 9/3/2020 to 14/3/2020 for III B. Tech students incorporatiovn with APSSDC at Civil Engineering Department at Civil Engineering Department.

JUBILATION 2K20

The Department of Civil Engineering has conducted academic events in three categories viz. Paper Presentation, Technical Quiz and Project Expo. On the first day (14.2.2020) Paper Presentation and Technical Quiz competitions were conducted. About 12 student teams from various colleges have participated actively in the Paper Presentation. Out of total 12 student teams 2 student teams are from Sai Tirumala NVR Engineering College, Narasaraopet; one team from Eswar College of Engineering, Narasaraopet and rest of nine teams are from Narasaraopeta Engineering College, Narasaaopet have actively participated in presentations of recent trends in Civil Engineering like U – Boot Technology, Modern construction Technology, Green Buildings, Intelligent Transportation system, Plastic Roads, Earthquake resistant Building Etc. Mrs A.Pavani, Head, Department of Civil Engineering, Sri Mittapalli Engineering of College has acted as judge for the presentation programme. Three prizes were announced after thorough evaluation. The following are the details of the winners

S.No.	Participant Name	College Details	Position	Topic Presented
1	Naga Raju Kola, K.S.N. Malleswara Rao	NEC, Narasaraopet	I	Monitoring of structures Behaviour with smart concrete by adding carbon fiber
2	Shaik Anwar Basha Shaik Sharmila	Eswar College of Engineering, Narasaraopet	II	Earthquake resistant Building
3	M. Hemanth Kumar	Sai Tirumala NVR Engineering College, Narasaraopet	III	U – Boot Technology

Sixteen teams were registered for Technical Quiz from various colleges. Five teams were screened by conducting initial screening test. In the process of elimination three rounds were conducted (general round, visual round and core related round). The details of technical quiz winners are mentioned below.

S.No.	Participant Names	College Details	Position
1	Naga Raju Kola, K.S.N. Malleswara Rao, V.John Babu	NEC, Narasaraopet	I
2	P.Siva Reddy, B.Ajay Bhaskar Reddy, K.Rajasekhar	NEC, Narasaraopet	II

Eight teams participated in project expo. Out of total eight teams, one team from Sri Mittapalli College of Engineering, Guntur; one team from NVR Sai Tirumala Engineering College; one team from Narasaraopeta Institute of Technology and rest of the five teams from NEC have actively participated in the project expo exhibiting various innovative models like Water Reclamation, Proto Type Road, Tehri Dam and Swing Bridge etc. Mrs A.Pavani, Head, Department of Civil Engineering, Sri Mittapalli Engineering of College has acted as judge for project expos. The details of Project Expo winners are mentioned below.

S.No.	Participant Name	College Details	Position	Topic Presented
1	D.Narasimha Rao, Ch. Nagarjuna Y.Mahesh, P.Mahankal Rao and G.Vemula Babu	N.V.R.Sai Tirumala Engg. College	I	Proto Type Road
2	K.Eeswar Reddy, R. Guru Sai Kumar, P.Raghu Vamsi, D.Amarnath and P.Aalay Bhanu	NEC, Narasaraopet	II	Water Reclamation



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. NARAYANA,
Batch (2014-2018),
Village Surveyor, Darsi, Prakasam Dt.

Student's Voice



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

J.ALEKYA, Regd. No. 18471A0116, II B. Tech

CIVIL QUIZ

Questions

1. How many types of foundations are there based on depth?
2. Which shaped lines indicate the presence of a ridge?
3. The mass density of water at 4oC is?
4. The solid parallel platform in a harbour with berthing facility on one side only is?
5. The first passenger train was introduced in India in

Answers

1. 2 types of foundations that are shallow and deep foundations
2. U-Shaped
3. 1000kg/m3
4. Wharf
5. 1853

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Vision

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

Mission

- To provide knowledge based technology and **infrastructure** to meet the needs of industry and society.
- To assimilate **innovation and research** oriented culture to make successful professionals and entrepreneurs.
- To encourage **lifelong learning with ethics** among the students so as to make them as responsible individuals.

New Trend

Energy storage and better



The Grid" is a network of transmission lines that deliver electricity from power plants to the public. Anytime you plug something in, or turn on a light, you are utilizing the grid. The grid has been advancing in recent years and is going to continue to do so. This new grid is called a "smart" grid, which is the advancement of the current grid, and enables technology to communicate with the network to get more details from the information. Electrical engineers will play a crucial role in transitioning into a smarter grid. For future construction projects, consider installing utilities with these smart grid technologies, as you'll be able to gather more information from them and help to transition the grid as well.

Faculty Focus:

International Journals:-

-Nill-

MOOC:-

49 Coursera Course was done by All the Faculty in EEE Department.

FDPs :-

Dr.P.Lakshmanan attended STTPon ""Hardware in Loop Simulation Technology in Electrical Engineering Domain"Quarbz Info Systems, Kanpur & Typhoon HIL GmbH, Switzerland, from 04-05-2020 to09-05-2020 organized by Quarbz Info Systems, Kanpur & Typhoon HIL GmbH, Switzerland.

Dr.P.Lakshmanan attended FDP on "An Insight into Revised Accreditation Framework Of NAAC" from 22-06-2020 to 24-06-2020 organized by Narasaraopeta Engineering College.

Dr.P.Lakshmanan attended three day FDP on "NBA Process" from 08-05-2020 to 10-05-2020 organized by Narasaraopeta Engineering College.

Dr.P.Lakshmanan attended online FDP on "Electric Vehicle Technologies " from 06-05-2020 to 09-05-2020 organized by IEEE Madras Section

SK.MD.Shareef attended One week National Level online faculty development program on Innovation to Academicians from 11-05-2020 to 16-05-2020 organized by Ramachandra College of Engineering, Eluru.

SK.MD.Shareef attended five day National Level online faculty development program "Hardware in Loop Simulation Technology in Electrical Engineering Domain" from 04-05-2020 to 09-05-2020 organized by Quarbz Info Systems, Kanpur &Typhoon HIL GmbH, Switzerland

P.D.V.S.K.Kishore attended One week online FDP on research challenges in electrical engineering(rcee-2020) from 18-03-2020 to 23-03-2020 organized by Ramachandra college of engineering, Eluru

P.D.V.S.K.Kishore attended Five day workshop on Modeling, technologies and control on electrical vehicles from 25-05-2020 to 29-05-2020 organized by Academy of maritime education and training

J.Sunil Babu attended Five day workshop on Modeling, technologies and control on electrical vehicles from 25-05-2020 to 29-05-2020 organized by Academy of maritime education and training

J.Sunil Babu attended three day workshop on "An insight into revised Accreditation Framework of NAAC" from 22-06-2020 to 24-06-2020 organized by IQAC Narasaraopeta Engineering College.

G Naga Raju attended three day FDP on "e-Sim" from 14-05-2020 to 16-05-2020organizedby VIT Chennai in association with (ICT)IIT Bombay.

G Naga Raju attended Five day FDP on ""Technical Advances in Power Switching Converters for Renewable Energy Sources & Fuel cell Technology for E-Vehicles"" Bapatla Engineering College, Bapatla from 01-06-2020 to 05-06-2020organized by Dept. of EEE, Bapatla Engineering College, Bapatla.

M. Chandra Sekhar attended Three day FDP on "Internet of Things (IoT)from 05-05-2020to 07-05-2020organized by St. Martin's Engineering College, Hyderabad.

M. Chandra Sekhar attended Five day FDP on "Design and development of Photovoltaic Modules for PV Generation from 05-05-2020 to 07-05-2020 organized by St. Martin's Engineering College, Hyderabad.

B.Praveen Kumar attended Five day FDP on "Modeling, Technologies and Control on Electrical Vehicles from 25-05-2020 to 29-05-2020 organized by Academy of maritime education and training.

B.Praveen Kumar attended Five day FDP on "Five Day FDP On Universal Human Values And Professional Ethics from from13-05-2020 to 17-05-2020 organized by Chebrolu Engineering College, Chebrolu

G.Naveen attended Five day FDP on "Artificial Intelligence from from22-05-2020 to 26-05-2020 organized by SVR Engineering College, Nandyal.

G.Naveen attended Three day FDP on "Advanced Research Methodology from from04-06-2020 to 06-06-2020 organized by Dept of CSE, LENDI IE&T.

Sk.Karimulla attended Five day FDP on "Artificial Intelligence from 22-05-2020 to 26-05-2020 organized by CBIT, Hyderabad

Sk.Karimulla attended Five day FDP on "Technologies & Control on Electric Vehicle from from 22-05-2020 to 26-05-2020 organized by AMET, Chennai

M.Subramanayam attended Five day FDP on "Artificial Intelligence from 22-05-2020 to 26-05-2020 organized by SVR Engineering College, Nandyal.



M.Subramanayam attended Three day FDP on "Advanced Research Methodology from 04-06-2020 to 06-06-2020 organized by Dept of CSE, LENDI IE & T.

WORKSHOPS:-

A one day guest lecture on "Design technology of Cast Resin Transformers" on 09-01-2020 for III & IV Year EEE Students. The Resource Person is Mr. K. Nagendra Kumar, Sr.Engineer in Operations, ESENNAR Transformers (P) Ltd., Hyderabad."

A one day Workshop on "Control Panel Designing & Field Instruments"



A webinar on " Role of energy management professionals in industries" On 26th, May 2020.

A webinar on "Recent trends in electrical system operation and smart grid" On 30th, May 2020.

Student Focus

More than 200 Coursera Certification course was done by all the students in the Department

Placements

1 Student placed in MULTIPLIER Company.
2 Students placed in EDUFIC Solutions.
2 Students placed in ISUZU (ARC) Company.
20 Students placed in CORPTEAM Solutions.

Alumni Voice

NEC has played a substantial role in my academic career and overall life. I got an opportunity to pursue my Electrical & Electronics Engineering in NEC and it helped me achieve my best by providing a great competitive environment with well-qualified, friendly and supportive teachers, students and staffs. From my best friends to my best memories and excellent academic career, everything is indebted to NEC. As a student, a teacher and alumni of NEC, I would like to thank the entire NEC family for providing such a wonderful educational platform for students from different corners of India.



K.Naga Deepika
Software Engg.
EDUFIC Solutions

Student's Voice

I started my journey in this college as a Electrical & Electronics engineering student. I joined this college with lots of confusions in mind, but as the days passed I felt my decision in selecting this college was the best thing i did. I found the best people of my life which made many memories, taught many lessons, to realize the comparison between good and bad.
Our HOD and teachers guided us, supported us, inspite of all the mischief we did and they stood with us for each and every step, decision we took in leading us in right way.



M.Harika
17471A0222
IV Year

Vision

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

Mission

- To train the students with **state of art infrastructure** to make them industry ready professionals and to promote them for higher studies and research.
- To employ committed **faculty** for developing competent mechanical engineering graduates to deal with **complex** problems.
- To support the students in developing professionalism and make them **socially** committed mechanical engineers with morals and **ethical values.**

Modern Trends in Technology

Biomedical Engineering :



Biomedical engineering (BME) or medical engineering is the application of engineering principles and design concepts to medicine and biology for healthcare purposes.

BME is also traditionally known as "bioengineering". This field seeks to close the gap between engineering and medicine.

Combining the design and problemsolving skills of engineering with medical biological sciences to advance health care treatment, including diagnosis, monitoring and therapy.

Faculty Focus:

Faculty publications:

Dr.S.B.Venkatasivaprofessor published a Journal paper entitled"Fabrication and Tribological Studies of Al–CSA Composite Using RM" Int. J. of Materials Engineering Innovation, (Accepted for Publication IJMATEI-291323-Scopus indexed-2020)

Dr.S.B.Venkatasivaprofessor published a Journal paper entitled"Influence of modifier oxides on spectroscopic features of Nd2O3 doped PbO-Mo2O3-WO3-B2O3 glasses(with Ro2O3 = Sb2O3, Al2O3, and Bi2O3)" Journal of Luminescence (Available online on 28-02-2020)-Elsevier Publisher, IF-3.28, SCI Indexed.

Dr.Donepudi Jagadish, professor published a Journal paper entitled "Computational fluid dynamic analysis of NodulariaSpumigena Microalgae Biodiesel and Karanja biodiesel blends using ANSYS in CI engine", 28thMarch2020,https://doi.org/10.1016/j.matpr.2020.03.781 (Elsevier Journal).

Dr.Donepudi Jagadish,professor published a Journal paper entitled "Comparative performance and emission studies of the CI engine with NodulariaSpumigena microalgae biodiesel versus different vegetable oil derived biodiesel"SN Journal of Applied Sciencesdoi.org/10.1007/s42452-020-2697-0, April 2020 (Web of Science Journal).

Pilli Sravani,Assistantprofessor published a Journal paper entitled"The Numerical Research of Bubble Growth and Bubble Frequency in Pool Boiling using Metal Oxide Nano Fluid" International Journal of Innovative Technology and Exploring Engineering (IJITEE)', ISSN: 2278–3075 (Online), Volume-9 Issue-6, April 2020, Page No. 2105-2111.

Dr.Donepudi Jagadish, professor published a Journal paper entitled "A Case Study of Wind Turbine Loads and Performance using Steady State Analysis of BEM", InternationalJournalofSustainableEnergy,doi.org/10.1080/14786451.2020.1787411, May 2020 (Taylor & Francis Journal).

Workshops / Conferences Attended:

Dr.SuneelDonthamsetty,PenugondaSureshBabuattended"Investigations on Hardness,Machinability and Electrical Conductivity of A356 Nanocomposites Reinforced with Sic Nanoparticles International conference on Advances in Material Science & Mechanical Engineering (ICAMSME 2020)", organized by N.B.K.R. Institute of Science & Technology (Autonomous), Vidyanagar, Nellore Dist, A.P during 07/02/2020 to 09/02/2020.

Dr.S.B.Venkata Siva Participated in a 3 days International E-Conference on "Strategies & Challenges in Higher Education during COVID-19 Lockdown Period in India with reference to the World" Organized by Government Vidarbha Institute of Science & Humanities, Amravati, Maharashtra during 15/05/2020 to 17/05/2020.

DonepudiJagadish,Ch.Sekhar,Sk.Bajaan,andK.SreenivasuluandP. Srinivasa Rao studies of variable compression ratio S.I. engine fueled with LPG" 2nd National Conference on Recent Trendsin Mechanical Engineering, GIST, Nellore " Performance Geethanjali Institute of Science and Technology, Nellore, Andhra Pradesh, India on 30-06-2020

FacultyAchievements/ Certifications FDP/Webinars/Quiz:

Dr.M.Sreenivasa Kumar, Principal of Narasaraopeta Engineering College completed four Coursera Certifications.

Dr.D.Suneel, Head Of The Department completed thirty-one Coursera Certifications during 15/04/2020 to 23/05/2020.

Dr.D.Jagadish, Professor completed six Coursera Certifications during 22/04/2020 to 13/05/2020.

Dr.S.B.Venkata Siva, Professor completed twenty-nine Coursera Certifications during 16/04/2020 to 03/06/2020.

P.Suresh Babu, Assistant Professor completed fifteen Coursera Certifications during 24/04/2020 to 20/05/2020.

M.Venkaiah, Assistant Professor completed sixteen Coursera Certifications during 28/04/2020 to 09/05/2020.

CH.Sekhar, Associate Professor completed twenty-eight Coursera Certifications during 27/04/2020 to 17/05/2020.

M.Venkanna Babu, Associate Professor completed seven Coursera Certifications during 25/04/2020 to 01/05/2020.

T.Venkata Deepthi, Assistant Professor completed twenty-three Coursera Certifications during 25/04/2020 to 19/05/2020.

P.SrinivasaRao,Assistant Professor completed ten Coursera Certifications.

P.Sravani, Assistant Professor completed thirteen Coursera Certifications during 26/04/2020 to 26/05/2020.

K.Kiran Chand, Associate Professor completed twenty-four Coursera Certifications during 25/04/2020 to 18/05/2020.

T.AshokKumar,Assistant Professor completed three Coursera Certifications during 25/04/2020 to 27/04/2020.

N.Vijaya Sekhar, Assistant Professor completed six Coursera Certifications during 11/05/2020 to 12/05/2020.

B.RajivKumar,Assistant Professor completed twenty-three Coursera Certifications during 25/04/2020 to 19/05/2020.

K.John Babu, Assistant Professor completed sixteen Coursera Certifications during 22/04/2020 to 07/05/2020.

P.Rajanna, Assistant Professor completed fourteen Coursera Certifications during 28/04/2020 to 09/05/2020.

SK.Bajan, Assistant Professor completed eighteen Coursera Certifications during 28/04/2020 to 20/05/2020.

B.Venkat Sravan Kumar, Assistant Professor completed eighteen Coursera Certifications during 29/04/2020 to 29/05/2020.

G.Naga Raju, Assistant Professor completed eight Coursera Certifications during 27/04/2020 to 30/04/2020.

P.Sarath Chandra, Assistant Professor completed eight Coursera Certifications during 29/04/2020 to 31/05/2020.

Dr.M.Sreenivasa Kumar, Principal of Narasaraopeta Engineering College completed three online quiz Certifications.

Dr.D.Suneel, Head Of The Department completed thirty-one online quiz Certifications during 15/04/2020 to 23/05/2020.

Dr.D.Jagadish, Professor completed four online quiz Certifications during 18/05/2020 to 29/05/2020.

Dr.S.B.Venkata Siva, Professor completed ten online quiz Certifications during 13/05/2020 to 30/05/2020.

Dr.P.Suresh Babu, Associate Professor completed six online quiz Certifications during 08/05/2020 to 22/05/2020.

M.Venkaiah, Assistant Professor completed twenty three online quiz Certifications during 12/05/2020 to 01/06/2020.

CH.Sekhar, Associate Professor completed sixteen online quiz Certifications during 24/04/2020 to 29/05/2020.

M.Venkanababu, Associate Professor completed fourteen online quiz Certifications during 08/05/2020 to 27/05/2020.

Dr.T.Venkata Deepthi, Associate Professor completed twenty seven online quiz Certifications during 08/05/2020 to 31/05/2020.

P.Sravani Assistant Professor completed eight online quiz Certifications during 06/05/2020 to 29/05/2020.

K.Kiran Chand, Associate Professor completed twenty seven online quiz Certifications during 06/05/2020 to 31/05/2020.

T.Ashok kumar, Assistant Professor completed fourteen online quiz Certifications during 10/05/2020 to 26/05/2020.

N.Vijaya Sekhar, Assistant Professor completed two online quiz Certifications during 09/05/2020 to 31/05/2020.

B.RajivKumar, Assistant Professor completed twenty nine online quiz Certifications during 06/05/2020 to 29/05/2020.

K.John Babu Assistant Professor completed fourteen online quiz Certifications during 10/05/2020 to 27/05/2020.

P.Rajanna Assistant Professor completed fourteen online quiz Certifications during 08/05/2020 to 29/05/2020.

SK.Bajan, Assistant Professor completed sixteen online quiz Certifications during 08/05/2020 to 31/05/2020.

B.Venkat Sravan Kumar, Assistant Professor completed four online quiz Certifications during 10/05/2020 to 01/06/2020.

G.Naga Raju Assistant Professor completed twenty two online quiz Certifications during 12/05/2020 to 04/06/2020.

P.Sarath Chandra, Assistant Professor completed twenty two online quiz Certifications during 10/05/2020 to 30/05/2020.

Dr.M.Sreenivasa Kumar, Principal of Narasaraopeta Engineering College attended online webinar Certifications during 01/04/2020 to 31/05/2020.

Dr.D.Suneel, Head Of The Department attended thirty six online webinar certifications during 15/02/2020 to 23/05/2020.

Dr.D.Jagadish, Professor attended thirty seven online webinar certifications during 01/04/2020 to 31/05/2020.

Dr.S.B.Venkata Siva, Professor attended fourty nine online webinar certifications during 01/04/2020 to 31/05/2020.

Dr.P.Suresh Babu, Associate Professor attended fourty five online webinar certifications during 01/04/2020 to 31/05/2020.

M.Venkaiah, Associate Professor attended twenty one online webinar certifications during 01/04/2020 to 31/05/2020.

CH.Sekhar, Associate Professor attended six online webinar certifications during 01/04/2020 to 31/05/2020.

M.Venkanababu, Associate Professor attended fifty four online webinar certifications during 01/04/2020 to 31/05/2020.

Dr.T.Venkata Deepthi, Associate attended twenty nine online webinar certifications during 01/04/2020 to 31/05/2020.

P.Sravani Assistant Professor attended thirteen online webinar certifications during 01/04/2020 to 31/05/2020.

K.Kiran Chand, Associate Professor attended fourty online webinar twenty seven online quiz Certifications during 01/04/2020 to 31/05/2020.

T.Ashok kumar, Assistant Professor attended thirty nine online webinar certifications during 01/04/2020 to 31/05/2020.

N.Vijaya Sekhar, Assistant Professor attended two online webinar certifications during 01/04/2020 to 31/05/2020.

B.RajivKumar, Assistant Professor attended fourty six online webinar certifications during 01/04/2020 to 31/05/2020.

K.John Babu Assistant Professor attended thirty nine online webinar certifications during 01/04/2020 to 31/05/2020..

P.Rajanna Assistant Professor attended twelve online webinar certifications during 01/04/2020 to 31/05/2020.

SK.Bajan, Assistant Professor attended fourteen online webinar certifications during 01/04/2020 to 31/05/2020.

B.Venkat Sravan Kumar, Assistant Professor attended seven online webinar certifications during 01/04/2020 to 31/05/2020.

G.Naga Raju Assistant Professor attended twenty eight online webinar certifications Certifications during 01/04/2020 to 31/05/2020.

P.Sarath Chandra, Assistant Professor attended thirty two online webinar certifications during 01/04/2020 to 31/05/2020.

Dr.M.Sreenivasa Kumar, Principal of Narasaraopeta Engineering College attended Nine online FDP certifications during 01/04/2020 to 31/05/2020..

Dr.D.Suneel, Head Of The Department attended twenty one online FDP certifications during 01/04/2020 to 31/05/2020.

Dr.D.Jagadish, Professor attended two online FDP certifications during 01/04/2020 to 31/05/2020.

Dr.S.B.Venkata Siva, Professor attended seventeen online FDP certifications during 01/04/2020 to 31/05/2020.

Dr.P.Suresh Babu, Associate Professor attended twelve online FDP certifications during 01/04/2020 to 31/05/2020.

M.Venkaiah, Associate Professor Associate attended nineteen online FDP certifications during 01/04/2020 to 31/05/2020.

M.Venkanababu, Associate Professor attended twenty three online FDP certifications during 01/04/2020 to 31/05/2020.

Dr.T.Venkata Deepthi, Associate Professor attended twenty one online FDP certifications during 01/04/2020 to 31/05/2020.

P.Sravani Assistant Professor attended eleven online FDP certifications during 01/04/2020 to 31/05/2020.

K.Kiran Chand, Associate Professor attended twenty online FDP certifications during 01/04/2020 to 31/05/2020.

T.Ashok kumar, Assistant Professor attended twelve online FDP certifications during 01/04/2020 to 31/05/2020.

N.Vijaya Sekhar, Assistant Professor attended seven online FDP certifications during 01/04/2020 to 31/05/2020.

B.RajivKumar, Assistant Professor attended twenty online FDP certifications during 01/04/2020 to 31/05/2020.

K.John Babu Assistant Professor attended eighteen online FDP certifications during 01/04/2020 to 31/05/2020.

P.Rajanna Assistant Professor attended eighteen online FDP certifications during 01/04/2020 to 31/05/2020.

SK.Bajan, Assistant Professor attended twelve online FDP certifications during 01/04/2020 to 31/05/2020.

B.Venkat Sravan Kumar, Assistant Professor attended six online FDP certifications during 01/04/2020 to 31/05/2020.

G.Naga Raju Assistant Professor attended fourteen online FDP certifications during 01/04/2020 to 31/05/2020.

P.Sarath Chandra, Assistant Professor attended ten online FDP certifications during 01/04/2020 to 31/05/2020.

Department activities:

Department of Mechanical Engineering and Department of Electronics and Communication Engineering has organized a three day workshop on "Industrial Drone Making" during 03/02/2020 to 05/02/2020 in association with Fopple Tech Drone Pvt Ltd.



Department has organized a Five day short term course on "GREEN MANUFACTURING", in association with NITTTR –Chandigarh during 03/02/2020 to 07/02/2020.



Department has organized a Two day Orientation Progarm on "VIRTUAL REALITY (VR) AND 3D SCANNER", in association with APSSDC – Andhra Pradesh during 10/02/2020 to 11/02/2020.



Department has organized a Five day short term course on "RECENT TRENDS IN AUTOMOBILE TECHNOLOGY",inassocaiation with NITTTR,Chandigarhfrom 24/02/2020 to 28/02/2020.

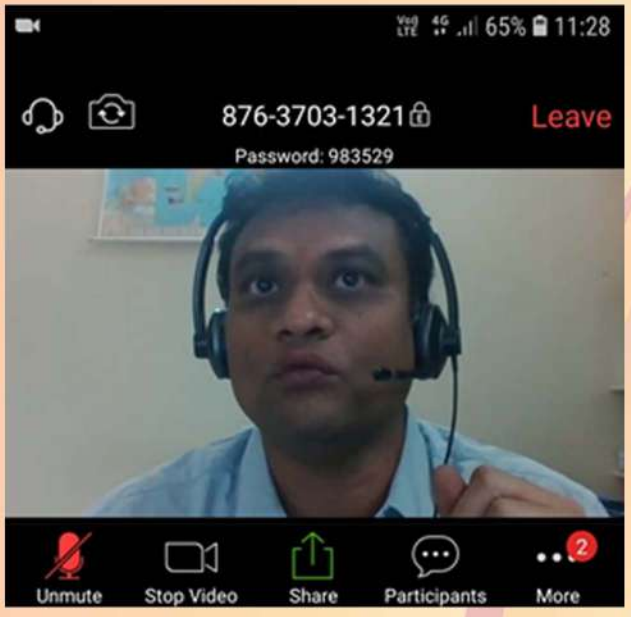
NITTTR CHANDIGHAR FDP PROGRAM (24-02-2020 TO 28-02-2020)



Department has organized a Guest Lecture on "FUTURE SKILLS-2030: HOW TO PREPARE FOR TOMORROWS JOBS (INDUSTRY 4.0)", for this webinar Dr.P.SrinivasRao ,Global Head, Technical Training,CYIENT, Hyderabad acted as a resource person on 13/03/2020.



Department has organized a Webinar on "EVOLUTION OF CONNECTED FACTORIES", for this webinar Dr.P.Srinivas Rao, Global Head, Technical Training, CYIENT, Hyderabad acted as a resource person on 23/05/2020.



Department has organized a webinar on"ADVANCED MATERIAL PROCESSING", for this Dr.V.C.SRIVASANTAVA, senior principle scientist, CSIR - National Metallurgical Labaratory, acted as a resource person on 04/06/2020.



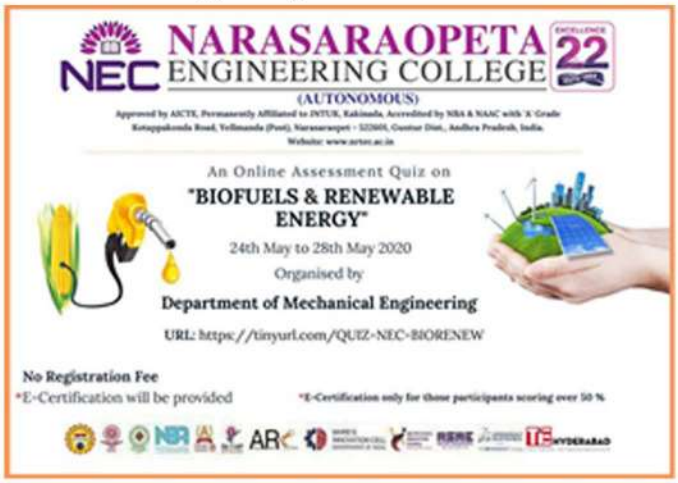
Student Focus

STUDENT PARTICIPATIONS IN WORKSHOPS / CONFERENCES/NSS PROGRAMS

Department has organized an "Online Assessment Quiz on 3D Printing and Robotics"by final year students from 18/05/2020 to 23/05/2020.



Department has organized an "Online Assessment Quiz on Biofuels and Renewable Energy" during 24/05/2020 to 28/05/2020.



Industrial Visits:

50 Students from Second year Visited "SAGAR CEMENT POWER PLANT", Nakarikalluas a part of industrial visit on 05/02/2020



Student Achievements in Sports and Technical events:

T.Sai Krishna(16471A0352) final year student participated in "Volley Ball", organized by Sri Mittapalli College of Engineering during 06/02/2020 to 07/02/2020.

G.Trinadh(17471A0382) third year student participated in "Technical Quiz", organized by Sai Thirumala Engineering College during 06/02/2020 to 07/02/2020.

T.Sai Krishna(18475A0352) student participated in "Volley Ball", organized by Sai Thirumala Engineering College during 06/02/2020 to 07/02/2020.

N.Chiranjeevulu(18475A0358) second year student participated in "Carroms", organized by Sri Mittapalli College of Engineering during 06/02/2020 to 07/02/2020.

V.Bhuvan Chandra(18475A0367) second year studentparticipated in "Kabaddi", organized by Sri Mittapalli College of Engineering during 06/02/2020 to 07/02/2020.

N.YagnaMalleswara Rao(17471A0359) third year student has participated in "Carroms", organized by Sri Mittapalli College of Engineeringduring07/02/2020 to 08/02/2020.

B.Prakash(17471A0360) third year student participated in "Volley Ball", organized by Sri Mittapalli College of Engineering during07/02/2020 to 08/02/2020.

S.Kamala Kumar(17471A0320) third year student participated in "Volley Ball", organized by Sri Mittapalli College of Engineering during 07/02/2020 to 08/02/2020.

Ch.Ravi Teja(17471A0373)) third year student participated in "Volley Ball", organized by Sri Mittapalli College of Engineering during 07/02/2020 to 08/02/2020.

T.Sai Krishna(16471A0352) final year student participated in "Volley Ball", organized by Sri Mittapalli College of Engineering during 07/02/2020 to 08/02/2020.

P.Manikanta(17471A0331) third year student participated in "Kho-Kho", organized by Sri Mittapalli College of Engineering during 07/02/2020 to 08/02/2020.

K.Babu(19475A0318) second year student participated in "Kabaddi", organized by Sri Mittapalli College of Engineering during 07/02/2020 to 08/02/2020.

B.Ravi Teja(17471A0374) third year student participated in "Kabaddi", organized by Sri Mittapalli College of Engineering during 07/02/2020 to 08/02/2020.

N.Chiranjeevulu(18475A0358) second year student participated in "Carroms", organized by Sri Mittapalli College of Engineering during 07/02/2020 to 08/02/2020.

V.BhanuChandar(18475A0367) second year studentparticipated in "Kabaddi", organized by Sri Mittapalli College of Engineering during 07/02/2020 to 08/02/2020.

S.Kamalla Kumar(17471A0332) third year student participated in "Volley Ball", organized by Sri Mittapalli College of Engineering during 07/02/2020 to 08/02/2020.

Y.Prateep(18471A0336) second year student participated in "The Lord", program organized by RVR&JC Engineering College on 27/02/2020.

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.



V. Mani Kanta
2016 Batch
Engineer KIA Motors
ANDHRA PRADESH

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 Dean (Acad.) Dr.D.Suneel sir who encourages student ideas and creats a platform to develop their ideas.



SK.Baji
B.Tech
17471A0315

Vision

To emerge as a **center 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

Indian technology innovations developed during COVID-19 outbreak

As the Covid pandemic rages in India, entrepreneurs are putting in more technology innovations to deal with the crisis and bank on it. Here is the list of four technology innovations that sprung up during the coronavirus outbreak:

Corona Oven: Log 9 Materials, a Bengaluru-headquartered nanotechnology start-up, has come up with first-of-its-kind a product named CoronaOven that makes use of UV-C light (having a wavelength of 253.7 nm) in combination with significant design parameters. The device disinfects surfaces (of various objects, personal protective equipment, etc.) from germs including bacteria and viruses. This unique multi-focal UV disinfection chamber that claimed to sanitise any surface within 4 minutes. CoronaOven is available in different sizes like 20-litre, 33-litre, 40-litre and 440-litre variants.

Vistar: AirOk manufactures air purifiers that use a patent filter technology called EGAPA (Efficient Granular Absorbent Particulate Arrester) to filter out major pollutants and gaseous substances. Vistar air purifiers have been innovated by a startup based in Delhi.

Milagrow Seagull: Milagrow Seagull is a cleaning robot innovated by Indian consumer brand Milagrow. It displays real-time progress and map while cleaning on the user's device. The robot plans the path in real-time in each area to reduce the time taken. This robot vacuum also features anti-bacterial, anti-microbial, and antiviral properties, that claims to help minimise the spread of infections in hospitals and similar environments. The robot can facilitate slight wet cleaning, as per the company's official release.

Dozee: Dozee is a device created by Turtle Shell Technologies that aims to help in access to better healthcare by providing accurate diagnosis of conditions. This device can help with a preliminary diagnosis of various illnesses which reduces the time spent in making decisions to visit hospitals and go through multiple tests. It is a smart contact-free health monitor that one can slip under their mattress. it keeps tracking the health condition of the individual through metrics like heart health, stress, sleep quality, among others. It gives a detailed analysis report on the Dozee apps that can be installed in smartphones.

Faculty Focus

1. V.Venkata Rao, High-speed and area efficient configurable Parallel adder for approximate computing, Science, Technology and Development,Volume IX Issue V MAY 2020,ISSN : 0950-0707, Volume IX Issue V MAY 2020ISSN : 0950-0707, pp : 365-369

2. V. Rama Krishna Reddy, High-speed and area efficient configurable Parallel adder for approximate computing, Science, Technology and Development, Volume IX Issue V MAY 2020,ISSN : 0950-0707, Volume IX Issue V MAY 2020ISSN : 0950-0707, pp : 365-370

3. Venkatarao Veravalli, Implemrntaion of IoT ionospheric forecasting system based on machine learning and thingspeak, IET Radar,Sonar & Navigation Volume 14, Issue 2, February-2020, pp341-347

4. K.Raju, IMPLEMENTATION OF LOW POWER CAM INTERFACE FOR FAULT TOLERANT DATA ACCESS TECHNIQUE, , International Journal of Advanced Science and Technology, ISSN: 2005-4238, Volume-29, pg.no:3435 - 3443, Issue-6, May. 2020.(SCOPUS).

5. Srinivasa Rao G, Charles Stud A, Srinivasa Rao N,"An Autoencoder Neural Network Approach for High-Resolution Images from Low-Resolution Images" Proceedings of online "International Conference on Recent Trends in Computer Science & Information Technology" ICRCSIT – 20 organized on 17th& 18th June 2020.pp: 218-219.

6. Srinivasa Rao G, Charles Stud A, Srinivasa Rao N,"An Autoencoder Neural Network Approach for High-Resolution Images from Low-Resolution Images" Proceedings of online "International Conference on Recent Trends in Computer Science & Information Technology" ICRCSIT – 20 organized on 17th& 18th June 2020.pp: 218-219

7. Srinivasa Rao G, Charles Stud A, Srinivasa Rao N,"An Autoencoder Neural Network Approach for High-Resolution Images from Low-Resolution Images" Proceedings of online "International Conference on Recent Trends in Computer Science & Information Technology" ICRCSIT – 20 organized on 17th& 18th June 2020.pp: 218-219

8. G.Srinivasa rao,.A.Charles Stud.N.Srinivasarao. A neural network approach for image compression using K-Means clustering, 3rd National conference on control and communications NCCC-2020,13 June 2020.

9.G.Srinivasa rao,.A.Charles Stud.N.Srinivasarao. A neural network approach for image compression using K-Means clustering, 3rd National conference on control and communications NCCC-2020,13 June 2020.

10.G.Srinivasa rao,.A.Charles Stud.N.Srinivasarao. A neural network approach for image compression using K-Means clustering, 3rd National conference on control and communications NCCC-2020,13 June 2020.

11.JRKK Dubbakuti,A Jacob,Venkatarao Veravalli,,RK Kallakunta," Implemrntaion of IoT ionospheric forecasting system based on machine learning and thingspeak",IET Radar,Sonar & Navigation Volume 14,Issue 2,February-2020,pp341-347

12. A.V.Nageswararao, A Charles Stud - Intelligent Irrigation Monitoring & Analysis - Proceedings of the 4th National Conference on Knowledge Based Inventive Electronics & TeleCommunication Systems (NCKIETS-2020), KITS, Guntur, Andhrapradesh, India, 2020

Student Focus

S.No.	Name of The Student	Class	Date(s)	Organizer(s)
1	K.Kasi viswantah	IV-B.Tech-ECE	09.01.20 To 08.07. 20	HCL Technologies Ltd Vijayawada
2	M.Nagasushma P.Divya G.R.V.Deepthi R.S.Tirumaleswari B.Chinnapa Reddy P.Divya L.V.S.Vyshanavi Ch.Prithvi raj R.Prathyusha K.D.Chamundeswari G.Naveen Chowdary Sk.Sameer	III-B.Tech-ECE	13.01.20 To 24.01.20	ECIL Hyderabad

Placement Details : 2019-20 (2016 Batch)

S.No.	Batch	Name of the Company	No. of Students Places
1	2016 -20	TCS	8
2		Hexaware	5
3		HCl	1
4		Wipro	2
5		CTS	3
6		Snovasys	1
7		Web synergies	1
8		Corpteam Solutions(ACT)	2
9		HGS	8
10		THINKSYNQ	25
11		SUTHERLAND	8
12		Allsec	11
13		Suryatech Solutions	4
		Total	79

Alumni Voice



Raja Sekhar Murukunta
Tech Analyst
Infosys,Bangalore
2010-14 Batch

NEC is a self explanatory brand which defines the turned stone, ready to conquer the world. At NEC I have lived the best days of my life. The experience here turned me to a more curious and achieving person. The support of the faculty members not only helped me to score good marks, but also helped me to overcome the flaws for being a good human being. With the grace of God and blessings of NEC family, I was able to crack Campus Placements and now working with Mnc's .all was possible just because of NEC. Will always remain your student.
Thank you NEC once again for being my best memory.

Student's Voice



R.Rajya Lakshmi Akshaya
19471A04A0
I ECE-B

College is one of the memorable parts of a student's life whether it was about friends, professors or growth of life. We have to make so many decisions as it will make an impact on the career and future of one's life. I have been introvert and no knowledge about the engineering studies before entering the college as I was from a small town it was a whole new experience for me. My growth started from my college life and it would not be possible without such enthusiastic and professors who are masters of their field. I think I was the student with so many questions in every lecture but my professors were so supportive that they were ready to solve my queries even if I ask them 10th time. I have so many memories with every professor and those days I count as best days of my life.

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 (2 YEARS)	AICTE	16,71,000	13,36,800
STTP	10-1-2020 (1 YEAR)	AICTE	4,10,000	4,10,000

Revenue generated from Consultancy during the year

S.no.	Name of the faculty / Staff	Name of the Assignment	Period	Organization	Status of the Assignments (Ongoing / completed)
1	P S S Chakravarthy	Maintenance of fibre seen sapphire	1y	M/S Mittapalli Spinners Limited,NRT	Completed
2	Dr K Raju	Calibration of RH and Temperature sensors	1y	M/S Mittapalli Spinners Limited,NRT	Completed
3	Dr B Raghavaiah	Eraction of Digital humidity sensors	1y	M/S Mittapalli Spinners Limited,NRT	Completed

Number of online/course era certifications done: 45

DEPARTMENT ACTIVITIES

Number of professional development / administrative training programmes organized

S.No.	Name of the program A Webinar on	Name of the Coordinator	Date/s of the event
1	Comparison of Classical Machine Learning and Deep Learning	Dr. A.V.NageswaraRao, Associate Professor	01/06/2020
2	An Online Assesment Quiz on Communication Engineering	A.Charles Stud Assistant Professor	27/05/2020
3	A Webinar on Reconfigurable Antennas	Dr.K.Raju, Associate Professor	26/05/2020
4	An Online Assesment Quiz on MATLAB	A.Charles Stud Assistant Professor	18/05/2020 to 23/05/2020
5	Poster Presentation	Dr. A.V.NageswaraRao, Associate Professor	11/03/2020
6	A Guest Lecture on Computational Electromagnetics – Design and Analysis with Simulation	Dr. A.V.NageswaraRao, Associate Professor	11/03/2020
7	Awareness Program on GATE	Dr.K.Raju, Associate Professor	26/02/2020
8	Paper Presentation, Jubilation-2020	Dr. A.V.NageswaraRao, Associate Professor	14/02/2020
9	Technical Quiz, Jubilation-2020	Dr. A.V.NageswaraRao, Associate Professor	14/02/2020
10	Project Expo, Jubilation-2020	Dr. A.V.NageswaraRao, Associate Professor	14/02/2020
11	Hackathon	Mr.G.Sai Ganesh, Assistant Professor	8/02/2020

Download more graphics at v

List of APSSDC Programs Conducted

Sl.No.	Name of the Programme	Dates	Organized For (B.Tech)
1	Internet of Things Fundamentals	06-02-20 TO 08-02-20 & 10- 02-20 TO 12-02-20	IV B.Tech
2	Internet of Things Fundamentals	13-02-20 TO 14-02-20 & 17- 02-20 TO 20-02-20	IV B.Tech
3	Internet of Things Fundamentals	24-02-20 TO 29-02-20	IV B.Tech
4	Python Basics Workshop	03-03-20 TO 05-03-20	II B.Tech
5	Python Basics Workshop	06-03-20 TO 09-03-20	II B.Tech

IEEE Student Chapter (STB61021)

A total of 15 members registered in IEEE Student Chapter in order to participate in various events conducted under IEEE banner.

GATE COACHING

GATE coaching classes have been conducted for III Year ECE students during their course period.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Innovation is our tradition

Vision

- To become a **centre of excellence** in nurturing the quality computer science & engine-eering professionals embedded with inn-ovative and software knowledge with **research** and ethical values to cater to the needs of industry and **society.**

Mission

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

New Trends : Blockchain:



Blockchain is the foundational technology that powers electronic currencies such as Cryptocurrencies. In simple terms, a Blockchain is an electronic ledger that can be shared among different users. This helps in creating a record of transactions that cannot be altered. Each of these records is time-stamped and linked to the previous one. So every time a new transaction is added to the ledger, it is stored as another block in the chain of transactions – hence the name. Block-chain is updated after the different parties contributing to the ledger agree. After new data is fed into a block, it cannot be erased. This makes technology verifiable and secure. This validation of transactions helps companies reduce their costs as no third party has to be paid. The system is very secure and there is no need for paying for centralized entities, as the technology is decentralized. Transactions are easier to track using Blockchain. There is a rise in careers in Blockchain. and it will create different job positions.

Faculty focus:

Papers presented:

Dr.S.V.N.Srinivasu has published a paper entitled "Predictive Analytics for E-Learning system using Machine Learning Approach" in International Journal of Mechanics of Continua and Mathematical Sciences, Volume-15, No-2, February-2020.

K.Suresh Babu has published a paper entitled " A Novel technique to Bone tumour Detection from MRI Images using ML" in SJI- Journal of Interdisciplinary and Multidisciplinary Research, Volume 8, issue II, Feb-2020.

E. Ramakrishna has published a paper entitled "A new Techniqies Predict Diabetes Mellitus with ML techniques" in Academy Publisher Journal of computer, Volume XVI, Issue II Feb-2020.

E. Ramakrishna has published a paper "A Novel technique to Bone tumour Detection from MRI Images using ML" in SJI- Journal of Interdisciplinary and Multidisciplinary Research, Volume 8, issue II, Feb-2020.

Dr.S.N.Thirumalarao has published a paper entitled "Classification Model for Prediction of Heart Disease using Correlation Coefficient" in International Journal of advanced Trends in Computer Science and Engineering, Volume-9, N0-2, March-2020.

M.Sireesha, has published a paper entitled "Classification Model for Prediction of heart Disease using Correlation Coefficient technique", in International Journal of Advanced Trends in computer Science and Engineering, Volume-9, No-2, March-2020.

Dr.S.N.Thirumalarao has published a paper entitled "Analysis of heart disease prediction using Machine Learning" in International Journal of advanced science and technology volume-29, No-5, April-2020

Dr.S.N.Thirumalarao has published a paper entitled "Predictive Analysis of Imbalanced Cardiovascular Disease using SMOTE" in International Journal of advanced science and technology, volume-29, No-5,April-2020.

M.Sireesha, has published a paper entitled "Predictive Analysis of Imbalanced Cardiovascular Disease using SMOTE", in International Journal of advanced science and technology, volume-29, No-5,April-2020.

Department Activities:

Training Programs Organised:

CSE Department Organised A 3 day Workshop on "An Insight into revised accredation framework of NACC" from 22-June-2020 to 24-June 2020.

A Workshop on "C Programming Concepts-1" for 3 days organised by the department of CSE from 22-june-2020 to 24-june-2020.

A Workshop on "C Programming Concepts-2" for 3 days organised by the department of CSE from 15-june-2020 to 17-june-2020.

Student Focus:

Workshop's Organised:

43 Students from CSE Department are registered and completed the training on " RedHat Linux Admin Training" conducted by "Falcon IT training" from 8-Feb, 2020 to 13-Feb2020.

Academic Toppers in III B.Tech I Sem



M.N.S.L.P.AMULYA
I7471A0582
9.61



P.ALEKHYA
I7471A05B6
9.52



P.AKHILA
I7471A0574
9.35



M.RAGA NAVYA
I7471A0574
9.35

Student voice



CH. GOWTHAM
16471A05M2

Fate and Destiny have the same meaning. But destiny is used for a positive cause and fate for a negative one. Destined was I to get into a joint family called NEC and as a kid to the loving parent called CSE Branch. Every teacher in our college has their own awesomeness. I have good memories with most of my teachers. Many a times I did get onto the nerves of few teachers but was forgiven for all my mistakes and naughtiness. I love all my teachers from the bottom of my heart. The best part is they never expected anything from us apart from being active in both academics and co-curricular activities.

Alumni Voice:

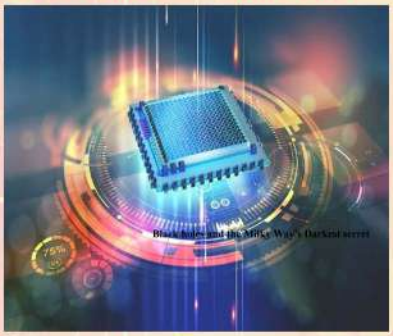


M. SRILAKSHMI
16471A0566

Being at NEC has been a wonderful experience. Here I have learnt that success is a journey, not the destination and NEC has been consistent in making this journey mesmerizing. Faculty members are very supportive and take great initiative to inculcate knowledge and skills in students. Along with academics, a lot of different activities on campus allowed me to polish my talents and have an overall development. There are various committees that allowed me the opportunity to connect with people and have good work experience.

I have learnt not just to become a good engineer but a good person.

New Trends in Technology



Quantum computers could spur the development of new breakthroughs in science, medications to save lives, machine learning methods to diagnose illnesses sooner, materials to make more efficient devices and structures, financial strategies to live well in retirement, and algorithms to quickly direct resources such as ambulances.

But what exactly is quantum computing, and what does it take to achieve these quantum breakthroughs? Here's what you need to know.

We experience the benefits of classical computing every day. However, there are challenges that today's systems will never be able to solve. For problems above a certain size and complexity, we don't have enough computational power on Earth to tackle them.

To stand a chance at solving some of these problems, we need a new kind of computing. Universal quantum computers leverage the quantum mechanical phenomena of superposition and entanglement to create states that scale exponentially with number of qubits, or quantum bits.

All computing systems rely on a fundamental ability to store and manipulate information. Current computers manipulate individual bits, which store information as binary 0 and 1 states. Quantum computers leverage quantum mechanical phenomena to manipulate information. To do this, they rely on quantum bits, or qubits.

Faculty Focus

Dr.K.Ponnari Lakshmi professor and Head of the department. B.S&H. published a paper in AEGAEUM JOURNAL in april 2020 with the title "The Role and Function of Treading Grammer for the students of Engineering".

Dr.K.Ponnari Lakshmi professor and Head of the department. B.S&H. published a paper in JXAT Jounaral in month of february with the title of "Nurturing the English language and communication competence of engineering graduates through collabration learning techniques.

Dr.K.Ponnari Lakshmi professor and Head of the department. B.S&H. published a paper in AEGAEUM JOURNAL in april 2020 with the title "Flipped Class: Harnessing Technology to propel the communicative competence of engineering students.

Dr. K.Ponnari Lakshmi professor and Head of the department. B.S&H. published a paper entitled "Rubric : A Magnificient tool to assess, Grade and enhance the communicative competence of freshermen MBA post graduate's during group discussion ;Organized by international society for educational leadership held on 27th and 28th june 2020.

Mr.Rama krishna Mitra, Asst. Proffesor of english has completed 33 coursera certifications. He has attened 25 FDP'Sand 70 webinars during april may and june months (Lock Down period)

Mr.Rama krishna Mitra, Asst. Proffesor of english has published a paper in "International jouneral of advance research, ideas and Innovations in technologyin january with the title "Activity - Based english language learning ; A contemporary learner friendly approach for devoloping speaking skills in over- crosseded classrooms".

Mr.Rama krishna Mitra, Asst. Proffesor of english has published a paper in research journal English language and literature, with the title Existantial crisis and recovery of "Self" through narrative discourses: A critical review of poetries by G.M.Hopkins in march.

Mrs.Aruna Vasantha has attended two days national level seminar on "Importance of self skills for career enhancement" during 27th and 28th january.

Mr.G.R.K.Murthy has completed 12 coursera certification and attened 10 webinars

Dr.Sk.Mohiddin Shaw has published a paper in Malaya journal of Mathematics with the title "An annotation on prime graph on integral domain".

Dr.G.Dharmaiah has published a paper in the journal of engineering , computing and architecture and technology with the title "Analytical study on biomedical and its mechanisims using casson fluid over a vertical plate in presence of heat absorbtion".

Dr.G.Dharmaiah has published a paper in the journal of critical review with the title "Hall and iron sli; efffects on mhdagH2O namo fluid Biomedical engineering applications".

Dr.K.Neeraja has published a paper in journal of luminescence 2020 with the title "Effect of modifer oxides on spectoscopic and optical properties of Pr3+ doped Pbo-Ro203-Wo3-B203 glasses"

Dr.Sk.Mohiddin Shaw has attended a National conference on "Advances in mathematics and its industrial applications organised by devolopment of mathematics, acharya nagarjuna university ongole campus held on 6th and 7th of february 2020.

Mr.G.R.K.Murthy attened and presented a paper in UGC sponsered 33rd annual and 14th international conference on "Building Bridges of friendship; canada and India" Organised by acharya nagarjuna university, guntur held during 7th january and 9th january 2020.

Dr.K.Ponnari Lakshmi,Professor and Head of the depatment BS&H. has attened and presented a paper in UGC sponsered 33rd annual and 14th international conference on "Building Bridges of friendship; canada and India" Organised by acharya nagarjuna university, guntur held during 7th january and 9th january 2020.

Mrs.Aruna Vasantha, Asst.Professor has attened and presented a paper in UGC sponsered 33rd annual and 14th international conference on "Building Bridges of friendship; canada and India" Organised by acharya nagarjuna university, guntur held during 7th january and 9th january 2020.

DEPARTMENT OF MBA

Manager - He, who do things right

Vision

To emerge as an excellent 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 build intellectual capabilities

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

To impart the value based management education through innovative teaching methodology

To develop person in to personality with moral values and social responsibility

To offer the best professional development and career management opportunities through In class Placement and Industry Institute Partnership Cell.

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

I. Sridhar, Assoc.professor was published paper on "Impact of Service Quality Dimension of Digitalization on Customer Satisfaction in Banking Sector" Scopus International Journal of Test Engineering & Management, Volume 83, Issue - May-June 2020, ISSN No.0193-4120.

P.Venkatrswara Rao, Assist.Professor"The Role of Regional Rural Banks in India"International Journal of Mechanical land Production Engineering Research and Development (IJMPERD) ISSN(P): 2249–6890; ISSN(E): 2249–8001 Vol. 10, Issue 3, Jun 2020, 10949–10956, SCOPUS Indexed Journal

Faculties actively participated in 14 Faculty Development Programs
Faculties completed 20 COURSERA Courses in online
MBA Department conducted 2 online Quizzes

Dept.of MBA conducted online webinar on Strategic Management for Changing Times, resource person Prof.Srinivas Gunta from IIM Madras, on 6th June-2020



Students Focus

38 students of MBA got opportunities in various companies like SPANDANA and VIVO in MARCH-2020.

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 IVSem
H.T.no: 18471E0047

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

Technology is teaching us to be human again

Vision

- To impart quality technical education to students focusing on computer application knowledge imbibed of Software Development and maintenance with entrepreneurship and real time usage of industry and societal needs.

Mission

- Impart the knowledge of modern software tools to meet the challenges in competitive fields of Computer Science and engineering
- Imparting employability skills to students.
- Encourage research activities among students with advanced softwares and tools.

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.

FACULTY FOCUS

Our faculty members M. Mamatha and G. Sambasiva Rao attended online FDP on "NBA Process" organized by NEC (AUTONOMUS) in Online from 08-05-20 To 10-05-20.

Our faculty members M. Mamatha and M. Sai Yeswanth attended online FDP on "Introduction of Data science" organized by Guntur Engineering College in Online from 18-05-20 To 22-05-20.

Our faculty member M. Aparna attended online FDP on "Artificial Intelligence" organized by CBIT in Online from 22-05-20 To 26-05-20.

Our faculty member M. Aparna attended online FDP on "New Directions in Cryptography & Applications to Cyber security" organized by Sri Vidyanikethan Engineering College in Online from 07-06-20 To 10-06-20.

Our faculty member M. Mamatha Conducted online "Assessment Quiz on C Programming" organized by Dept of MCA, NEC (AUTONOMUS) in Online from 20-05-20 To 23-05-20.

Our faculty member M. Mamatha Conducted online "Assessment Quiz on Internet of Things" organized by Dept of MCA, NEC (AUTONOMUS) in Online from 27-05-20 To 30-05-20.

STUDENT FOCUS

82 members of III MCA VI Semester students completed NPTEL Course on "Social Networks".

75 members of III MCA VI Semester students completed NPTEL Course on "Real Time Operating Systems".

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. Rajeswari
MCA 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.



G. A. Sai Ramya
III MCA V 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	Name of the Co-ordinator	Name of the Co-ordinator	No. of Participants
1	B.Tech(IIyr) & II MCA	General CRT	Freelance	Ananda Oliveti -TPC	30th Dec'19 to 22nd Jan'20	800
2	IV B.Tech CSE	Technical	Freelance	Ananda Oliveti -TPC	4th Feb'20 to 2nd March 2020	245
3	III B.Tech	General CRT (Includes Technical)	Inhouse + Freelance	Ananda Oliveti -TPC	17th Feb'20 to 3rd March 2020	700
4	II & III MCA	Technical	TV Rao Sir	Ananda Oliveti -TPC	9th March 2020	60
5	III CSE	Technical(online)	TV Rao Sir	Ananda Oliveti -TPC	19th, 22 April2020 & 4th,5th,7th,11th& 12th May 2020	150
6	IV B.Tech CSE	Technical(online)	Freelance	Ananda Oliveti -TPC	25th May 2020	20

Overall Placed Students (Jan - June 2020)

Sl.No.	Name of the Company	Selected Students	Annual Package
1	ACT - TEAM CORP SOLUTIONS	32	3.0 LPA
2	ALLSEC TECHNOLOGIES	18	2.0 LPA
3	ARC	16	1.8 LPA
4	CTS	3	4.0 LPA
5	GLENWOOD SOLUTIONS	12	2.5 LPA
6	GOSPEEDYGO	4	4.2 LPA
7	HGS	33	1.72 LPA
8	IBM (AR Tech)	22	3.0 LPA
9	INFOMERICA	6	2.8 LPA
10	JAYABHERI AUTOMOTIVES	19	1.44 LPA
11	LIQUID HUB	5	3.6 LPA
12	NUCLEUS SATELLITE COMMUNICATIONS	10	1.8 LPA
13	SURYATECH SOLUTIONS	40	1.92 LPA
14	SUTHERLAND GLOBAL SERVICES	20	2.83 LPA
15	TECHMAHINDRA	1	3.25 LPA
16	THINKSYNQ	48	1.8 LPA
17	SUNDARAM FASTENERS PVT LTD	10	1.8 LPA
18	VIRTUASA	1	4.0 LPA
19	WEB SYNERGIES	2	3.2 LPA



Students Selected in "THINKSYNQ"



Students Selected in
"ALLSEC TECHNOLOGIES"



Students Selected in "ACT"



Students Selected in
"JAYABHERI AUTOMOTIVES"



Students Selected in "CTS"



Students Selected in "TVS SUNDARAM FASTENERS"



Students Selected in "INFOMERICA"

NSS ACTIVITIES





Our NSS volunteers actively participating in
"Kotappakonda Maha Sivarathri Festival" on 21-02-2020





Our NSS volunteers actively participating in "Chlorination Program"
at water tank in Yallamanda Village on 12-03-2020.





Our NSS unit organizing a "Free Dental Check-Up Program" and
distributed medicines to the villagers of Yallamanda on 13-03-2020

NSS ACTIVITIES





Our NSS volunteers actively participating in Kotappakonda
"Clean and Green" Program at Yallamanda Village &
"Plantation Program" at Kotappakonda Hill premises from 14-03-2020 to 18-03-2020





Our NSS volunteers organizing an "Awareness Program on Covid-19"
at Yallamanda village on 16-03-2020.





Our NSS unit organizing "Blood Donation" Program in co-ordination with
Sree Welfare Blood Bank, Guntur on 17-03-2020.

College Events



Our Hon'ble Chairman Sri M.V.Koteswararao giving his valuable message on the occasion of Pongal Celebrations (Sankranthi Sambaralu) on 11th January, 2020



Dr. M.Sreenivasa Kumar, Principal NEC addressing the gathering on the occasion of Pongal Celebrations (Sankranthi Sambaralu) on 11th January, 2020





Smt. Mittapalli Lakshmi (w/o. Mittapalli Ramesh Babu, Secretory, NEC Group) felicitating Smt. Lavu Meghana (w/o. Lavu Sri Krishna Devarayalu, M.P) & Smt. K.Bhavani (Advocate) on the occasion of Pongal Celebrations (Sankranthi Sambaralu) on 11th January, 2020



Smt. Lavu Meghana giving her valuable message on the occasion of Pongal Celebrations (Sankranthi Sambaralu) on 11th January, 2020



Our Hon'ble Chairman Sri M.V.Koteswararao along with Secretory M.Ramesh Babu, Principal Dr. M.Sreenivasa Kumar & guests lightning the Bhogi Mantalu

College Events





Guests of occasion judging the Rangavalli competition





Students are actively participated in Traditional Dress Competition
on the occasion of Pongal Celebrations (Sankranthi Sambaralu) on 11th January, 2020





Students are actively participated in Rangavalli Competition
on the occasion of Pongal Celebrations (Sankranthi Sambaralu) on 11th January, 2020





Smt. Lavu Meghana (w/o. Lavu Sri Krishna Devarayalu, M.P) distributing the prize to winner of cultural activities held on 11th January, 2020





Smt. K.Bhavani (Advocate) distributing the prize to winner of cultural activities held on 11th January, 2020



Our Hon'ble Chairman Sri M.V.Koteswararao giving the cash prize to winner of cultural activities held on 11th January, 2020



Smt. Mittapalli Lakshmi (w/o. M.Ramesh Babu, Secretory, NEC Group) giving the cash prize to winner of cultural activities held on 11th January, 2020

College Events





The Principal and the students are participating in the pledge
on the occasion of "National Voters Day" on 25th January, 2020







Our Hon'ble Chairman Sri M.V.Koteswararao along with Principal and staff hosting the national flag
on occasion of "Republic Day" on 26th January, 2020





Girl Students conducted parade and participating actively
in patriotic events on occasion of "Republic Day" on 26th January, 2020

College Events





Principal addressing the gathering during 3 day workshop
on "Industrial Drone Making" conducted by 'Fopple Drone Tech Pvt. Ltd.' on 3rd February, 2020





Students are actively participating
in "Industrial Drone Making" workshop conducted by 'Fopple Drone Tech Pvt. Ltd.' on 3rd February, 2020





NEC organized APSSDC Launching "Skill Development Programe Day" on 3rd February, 2020

College Events





NEC organized APSSDC "Startup Talks by WISION TALKS" on 4th February, 2020





Resource persons of "WISION TALKS" addressing the students on 4th February, 2020





"PALASA MOVIE TEAM" visited NEC on 19th February, 2020





Felicitating Guests Dr. V.V.Subbarao (Principal JNTUN),
Sri. A.H.V.N.Rajasekhar (Deputy General Manager, SBI Guntur)
on "Jubilation 2K20"









Project Expo by Students on "Jubilation 2K20"





Project Expo by Students of NEC on "Jubilation 2K20"









Students of NEC actively participating in
Code Contest, Paper Presentation & Technical Quiz on "Jubilation 2K20"





Student of NEC R.Rajya Lakshmi Akashaya from ECE performing Classical Dance (Kuchipudi) on “Jubilation 2K20”









Students of NEC are actively participating in cultural activities on “Jubilation 2K20”

College Events



Chief Guest Kaushal Manda (Actor & Bigg Boss Season 2 Title Winner)
giving his valuable speach
on "Jubilation 2K20"



Felicitating Chief Guest Kaushal Manda
(Actor & Bigg Boss Season 2 Title Winner)
on "Jubilation 2K20"









Prize Distribution to Students of NEC on "Jubilation 2K20"






Prize Distribution to Faculty of NEC on Jubilation 2K20




Prize Distribution to Students of NEC on Jubilation 2K20

College Events





NEC organized the "INTERNATIONAL WOMENS DAY" Celebrations
in a grand manner, events conducted on 7th March, 2020





Students are actively participated in
"INTERNATIONAL WOMENS DAY" Celebrations, events conducted on 7th March, 2020





Students are actively participated in the event of "Coocking without fire"
on "INTERNATIONAL WOMENS DAY" Celebrations, events conducted on 7th March, 2020