NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)

NEC WAVES

A News Letter of

NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)

EAMCET - Code: NSPE | ECET - Code: NSPE | PGECET - Code: NSPE | ICET - Code: NSPE

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

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INSIDE THIS ISSUE

Editorial	1
Principal's Desk	2
Departments	3 - 42
Training & Placements	43 - 44
NSS Activities	45 - 48
Sports	49 - 50
College Events	51 - 55

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Our Hon'ble Vice Chairman Sri M.V.Chakravarthi, Director Sri M.Suhasini taken the "BEST TECHNICAL EDUCATIONAL INSTITUTE" Award from Actor Pragya Jaiswal

Dear Readers,

NEC Family welcomes heartily the new students and the staff members from different parts of the country. The assorted students and staff members from different states establish a conglomerate culture. Blending of Cultures can improve organizational effectiveness by bringing in different perspectives and experiences.

NEC staff members are always busy like bees. Apart from teaching they are busy in conducting and participating in National and International seminars Conferences and FDPs.

Department of Civil Engineering organized a two day International Conference on "ICETCE2K21"from 6-8-2021to 7-8-2021 and also organized a One day Expert Lecture Programme on "Over View of Ground Improvement Techniques Compaction" on 8-12-2021. Dr.P.Venkata Koteswara Rao, Associate Professor, Civil Engineering department of Vardhaman College of Engineering, Hyderabad was invited as a resource person to this programme. Practical knowledge is essential for any Engineering student so, the department of Civil Engineering organized an Industrial visit for 3rd B.Tech Civil Engineering students to Srisailam Project on 11-10-2020. Department of Mechanical Engineering organized a webinar on "Robotics as an Educational Tool for Emerging Technology" on 19-7-2021. For this Seminar Dr.Kali Charan Rath, Associate Professor, Department of Mechanical Engineering, GIET University, Gunupur, Odisha, was invited as a Resource Person and the Department of Mechanical Engineering also organized a virtual International Conference on "Emerging Trends in Mechanical Engineering and Industrial Automation". More than 100 members participated from all over the world and shared their knowledge and experiences with others. Department of Mechanical Engineering also organized an Alumni talk on "Mechanical Engineering in Software field" on 3-12-21. For this talk Mr.Madhukar Reddy, Mechanical Alumni, (2012-16) who is working in IBM, Bangalore was invited as a resource person. The department of ECE organized An International conference on "Advances in Signal Processing and Communication" on 23rd and 24th July, 2021. Girls must be independent and self-reliant. With this view an awareness programme on the installation and usage of DISHA SOS app was conducted in the college premises on 17-7-2021. "Service to Man is Service to God" is the principle which should be inculcated among the students. Hence NSS unit of NEC organized a free Covid-19 vaccination programme on 21-9-2021.

With the strenuous work of the staff and the management, the reputation of the college is growing from National Level to International Level.

----Editor

Principal's Desk


Dr. M. Sreenivasa Kumar, Principal

It is a matter of great pride and satisfaction to bring out the News Letter NEC WAVES. Perhaps none of us have ever realized that we will be facing a pandemic such as Covid-19, it will pose so much uncertainty, change our lives so much and raise questions about the post-pandemic situation. It has taught the world many things within the last few months. the academic year has been an extraordinary challenge on account of COVID-19. However, the pandemic gave an opportunity world-wide to rethink and reassess the strategies for higher education. Times of crisis ought to inspire creativity, critical reflection, transformation, and renewal. In the new normal, the challenge is to adapt, regenerate, and position the college for a strong and sustainable future.

Education is boundless and you may like to use this opportunity to supplement with education in other domains too. There are many options such as the following available to you:

1. **Learning engineering design,**
2. **Solving an engineering/science/social problem of interest including Covid-19,**
3. **Improving language and other soft skills,** 4. **Pursuing interests in literature, graphics, arts, ...,**
5. **Learning life skills,** 6. **Physical fitness, yoga,** 7. **Carrying on entrepreneurial pursuits,**
8. **Learning interesting subjects including AI, traditional sciences and arts.**
9. **Participation in Hackathons and competitions,** 10. **Numerous other activities of your choice.**

NBA tier -I is applied for ECE and CSE departments.

I congratulate the Editorial Board of this Newsletter who have played a wonderful role in accomplishing the task in Record time.

Signing off with a quotation: **"We want that education by which character is formed, strength of mind is increased, the intellect is expanded, and by which one can stand on one's own feet" – Swami Vivekananda**

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.

Quality Policy

NEC strives for imparting quality technical education by adopting best possible standards for continual improvement in skills with awareness of social responsibilities.



ISO 9001 : 2015 Certificate received by Principal Dr. M.Sreenivasa Kumar & ISO Committee Members



Department of Civil Engineering



Dream 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

Construction World says while GPS tracking solutions aren't anything new, they're now being used in more creative and resourceful ways, including:

Surveying has been dramatically improved because crews no longer need to use traditional surveying equipment. Data for prospective project sites can be quickly and accurately collected.

Today, each of their vehicles is equipped with a track able device via computers and smartphones. Project managers are also using GPS in fleet management. This lets everyone know where vehicles always are.

It's easier to find lost or stolen equipment because managers can now generate maps that pinpoint the exact location of any of these items.

Faculty Focus

Dr.P.Naga Sowjanya & Er K V Pratap published a book entitled as "Elements of Building Sciences" , Sunraise publication,ISBN No: 978-81-952678-2-8.2021.

Er K V Pratap, "Self-curing concrete by partial addition of polyethylene glycol and steel fibers", International Journal of Research and Analytical Reviews (IJRAR), UGC approved, E-ISSN 2348-1269, P- ISSN 2349-5138, Volume No.8, Issue No. 03, July 2021, pp 49-58.

Er K V Pratap, "Experimental study on mechanical properties of concrete by partial replacement of cement with silica fume", International Journal of Research and Analytical Reviews (IJRAR), UGC approved, E-ISSN 2348-1269, P- ISSN 2349-5138, Volume No.8, Issue No. 03, July 2021, pp 34-40.

Er K V Pratap," Partial replacement of coarse aggregate with coconut shells in M30 grade of concrete", International Journal of Research and Analytical Reviews (IJRAR), UGC approved, E-ISSN 2348-1269, P- ISSN 2349-5138, Volume No.8, Issue No. 03, July 2021, pp 12-17.

Er K V Pratap," Comparitive study on seismic effect of I shaped frame with shear wall & without shear wall effect at different seismic zones", International Journal of Research and Analytical Reviews (IJRAR), UGC approved, E-ISSN 2348-1269, P- ISSN 2349-5138, Volume No.8, Issue No. 03, July 2021, pp 983-996.

Er K V Pratap," Study on seismic effect of C-shaped frame and V shaped frame of multi storied building with shear wall & without shear wall in various seismic zones", International Journal of Research and Analytical Reviews (IJRAR), UGC approved, E-ISSN 2348-1269, P- ISSN 2349-5138, Volume No.8, Issue No. 03,July 2021, pp 1-11.

Mr K Meghanadh, "An experimental study on strength and durability properties of coir fibre and sisal fibre reinforced concrete", International Journal of Scientific research in Engineering and Management, ISSN 2582-3930, Vol: 05, July 2021, Issue: 07.

Mr K Meghanadh," Comparative study seismic effect of high rise building of V shaped frame of G+10 and G+15 in different Seismic zones.", International Journal of Research and Analytical Reviews (IJRAR), UGC approved, E-ISSN 2348-1269, P- ISSN 2349-5138, Volume No.8, Issue No. 04, OCT 2021, pp 395-406.

S.V Siva Raju, "Planning and Analysis, construction of G+5 Building by using PRIMEVERA", SSRG International Journal, ISSN 2348-8352, Volume:8, Sept 2021, Issue No. 3

Babu Rao Gudipudi, P. Sai Kiran,"Estimation of groundwater resources in errvagu sub-basin", NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2021

Sandu Naresh , K.V.Pratap , "Experimental study on mechanical properties of concrete by partial replacement of cement with silica fume", NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2021.

Gowthakatla Velugondaiah, L Satish kumar, "Study on seismic effect of I shaped frame with a combination of general& dual frame in different seismic zones", NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2021.

P.Vinod, K.Venkatesh, "Study on seismic effect of I shaped structure with a combination of general frame and shear wall frame in various seismic zones", NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2021.

B Siva Manikanta Kumar, S V Siva Raju , K.ANIL KUMAR, "Compaction and Strength Properties of Stabilized Soil due of Delay Time", NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2021.

Sarikoda Siva Raju , Bondada Siva Manikanta kumar , K.Anil Kumar,"Stabilizing of Black cotton soils using Fibers and alkali activated rice husk ash", NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2021.

T.Srikanth, K.venkatesh , "Comparitive study on c-shaped frame and v-shaped frame of g+10 & g+15 multi storied buildings by using shear wall at various locations for different seismic zones", NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2021.

Bezawada Praveen kumar , K.V.Pratap, "Partial replacement of coarse aggregate with coconut shells in M30 grade of concrete", NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2021.

G. Yogeswara Reddy, K. Meghanadh , "A Comparative Study on Strength and Durabilityof Coir Fibre and Sisal Fibre Reinforced Concrete", NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2021

V.Ajay Kumar, B Siva Manikanta Kumar, "Stability Analysis of Embankments by Using Geo Slope Software", NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2021.

L. Satish Kumar, M.N.S.Sambasiva Rao, "An Experimental Study on Partial Replacement of Fine Aggregate with Marble Dust in Concrete", NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2021.

Nuthalapati Srikanth, Surabattuni Murali, "EFFECT OF BACTERIA ON PERFORMANCE OF CONCRETE/MORTAR: A REVIEW", NEC-ICETCE,organized by Civil Engineering Department at NEC from 6-7 August 2021.

Surabattuni Murali, Nuthalapati Srikanth,"Experimental Behavior of Beams with Aggregate Interlocking Under Flexure", NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2021.

S. V. Siva Raju, Sk. Nagur Basha, Sk. Mohammad Abubakr, G. Venkata Ramakrishna, P. Gopi, "Planning, Analysis & Construction Controlling Of G+5 Building By Using PRIMAVERA", NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2021.

Shaik Abdul Mukthiyar, K.V.Pratap ,"Self-Curing Concrete By Partial Addition Of Polyethylene Glycol And Steel Fibers", NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2021.

N.Mahesh, K.V.Pratap,"Comparitive Study On Seismic Effect Of I Shaped Frame With Shear Wall & Without Shear Wall Effect At Different Seismic Zones", NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2021.

Thota Amareswar, K.Venkatesh,"Comparitive study on seismic effect of I shaped frame and rectangular frame with a combination of with shear wall and without shear wall effect", NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2021.

Dubisetty Venkata Pardha Sai and K.Venkatesh,"Study On Seismic Effect On I Shaped Frame & L Shaped Frame In Various Seismic Zones",NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2021.

V Mahendra, K.V. Pratap and K.Venkatesh,"Comparitive Study on Seismic Effect of Two Different Frames with Shear Wall & without Shear Wall in Various Seismic Zones ", NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2021

T.Bharathi and L.Satish Kumar,"Comparitive Study On C-Shaped Frame And I-Shaped Frame Of G+10 &G+15 Multi Storied Building With Shear Wall Frame & With Out Shear Wall Frame In Various Seismic Zones", NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2021.

G. Babu Rao, K. Anil Kumar, H.V.N. Trinadh and R. Bharath ,"Comparitive Study Of Ground Water Quality Between Industrial And Agricultural Areas Of Guntur District", NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2021.

M N S Sambasiva Rao,I Krishna Chaitanya, Muddana Surya Prasanth, Kuruva Sekhar, "Anaysis Of Regional Drought Characteristics In Naguluppalapadu", NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2021.

S. Murali Krishna,"Economic and Work Management Monitoring for Residential Construction: A Case Study", NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2021.

K Anil Kumar, B Siva Manikanta Kumar and S V Siva Raju, "Seismicity Analysis of Nepal Himalayas and encompassing Regions", NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2021.

M.N.Subhani,"Seismic Analysis of Industrial Structure Using Bracings and Dampers", NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2021.

M.N.Subhani,"Investigation on Steel Fiber Composite Beam Using Fracture Mechanics Approach", NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2021.

A. Praneetha and D. Pradeep," Experimental Analysis On Utilizing Plastic Waste Along With Bitumen In Surface Course Of Flexible Pavement", NEC-ICETCE, organized by Civil Engineering Department at NEC from 6-7 August 2021.

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

Dr P Naga Sowjanya has participated in one day National Webinar on "How to plan for Startup, Legal & Ethical steps" organized IQAC & IIC, Narasaraopet Engineering College (Autonomous) Narasaraopet on 25-07-2021.

Dr P Naga Sowjanya has participated in one day National Webinar on "Women In Lead – "Secret of Success." organized Women Empowerment Cell,NEC Narasaraopet Engineering College (Autonomous) Narasaraopet on 24-09-2021.

Dr P Naga Sowjanya has participated in one day National Webinar on "IPR & Its role in Research and Innovation" organized Narasaraopet Engineering College (Autonomous) Narasaraopet on 24-09-2021.

D Pradeep has participated in one day National Webinar on "IPR & Its role in Research and Innovation" organized Narasaraopet Engineering College (Autonomous) Narasaraopet on 24-09-2021.

K Jeyavignes has participated in one day National Webinar on "IPR & Its role in Research and Innovation" organized Narasaraopet Engineering College (Autonomous) Narasaraopet on 24-09-2021.

S.V Siva Raju has participated in one day National Webinar on "IPR & Its role in Research and Innovation" organized Narasaraopet Engineering College (Autonomous) Narasaraopet on 24-09-2021.

S.V Siva Raju has participated in five day National Webinar on "Recent trends and practices in geo-engineering" organized Csir-University of Sydney on 15-11-21 to 19-11-21.

S.V Siva Raju has participated in six day National Webinar on "Bridge Engineering" organized Svec-Tirupati on 21-08-21 TO 26-08-21.

S.V Siva Raju has participated in one day National Webinar on "Sustainable Advancement in Geotechnical Engineering Practices"" organized NIT Patna in association with IGS Patna Chapter and IIT Patna, NIT-PATNA on 05-08-21.

M.N.S.Sambasiva Rao has participated in one day National Webinar on "Green concrete aggregates and cementitious materials" organized PHCET,Rasayani on 24-07-2021.

M.N.S.Sambasiva Rao has participated in two days National Webinar on "Recent advances in Concrete Technology" organized Aliet,Vijayawada on 27-07-2021 to 28-07-2021

M.N.S.Sambasiva Rao has participated in six day National Webinar on "Bridge Engineering" organized SVEC-TIRUPATI on 21-08-21 TO 26-08-21.

S.Murali has participated in one day National Webinar on "IPR & Its role in Research and Innovation" organized Narasaraopet Engineering College (Autonomous) Narasaraopet on 24-09-2021.

S.Murali Has Participated In One Day National Webinar On "Digitalization In Construction "Organized Bharath University On 28-08-2021.

N.M.Subhani has participated in one day National Webinar on "IPR & Its role in Research and Innovation" organized Narasaraopet Engineering College (Autonomous) Narasaraopet on 24-09-2021.

N.M.Subhani Has Participated In One Day National Webinar On "Digitalization In Construction "Organized Bharath University On 28-08-2021.

K.Meghanadh has participated in one day National Webinar on "IPR & Its role in Research and Innovation" organized Narasaraopet Engineering College (Autonomous) Narasaraopet on 24-09-2021.

K.Meghanadh has participated in one day National Webinar on "Capacity Design Concept In Seismic Design Of Reinforced Concrete Buildings" organized KITS on 17-07-2021

K.Anil Kumar has participated in one day National Webinar on "IPR & Its role in Research and Innovation" organized Narasaraopet Engineering College (Autonomous) Narasaraopet on 24-09-2021.

Student Focus

Students have actively participated in Ganesh idol model Preparation Program organized by NEC on the eve of Ganesh Chaturdhi conducted on 09.09.2021.



Students have actively participated in Eswar fest organized by Eswar college of Engineering on 23.12.2021 to 24.12.2021.

IV B.Tech Civil-A, Raghu Vamsi, Roll. No. 18471A0132 got first prize in Dance competition.

III B.Tech Civil-A, CH.Pujitha, Roll No. 19471A0111, M.Priyanka 1947A0147 got first prize in Model making competition.

III B.Tech Civil-A, CH.Pujitha, Roll No. 19471A0111, got first prize in Story writing competition.



Important Activities held in the Department

Civil Engineering Department has organized two days International conference on "ICETCE 2K21" conducted by Department of Civil Engineering, Narasaraopet Engineering College (Autonomous) Narasaraopet from 6-8-2021 to 7-8-2021.



Civil Engineering Department has organized one week workshop on "Architectural Modelling using REVIT architecture" through APSSDC Conducted by Department of Civil Engineering, Narasaraopet Engineering College (Autonomous) Narasaraopet from 20-9-2021 to 25-9-2021.

Civil Engineering Department has organized one week workshop on "Architectural Modelling using REVIT architecture" through APSSDC from 27-9-2021 to 2-10-2021.

Civil Engineering Department has organized one week workshop on "ETABS Software" through APSSDC from 4-10-2021 to 9-10-2021.

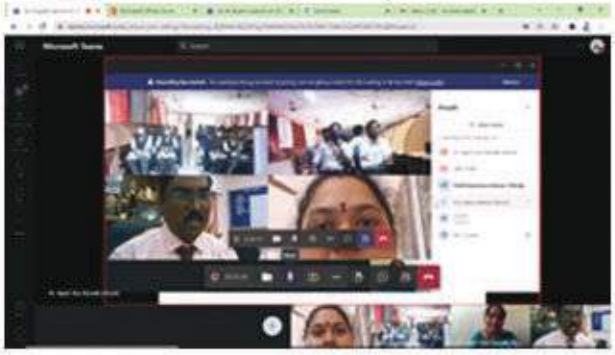
Civil Engineering Department has organized one week workshop on "ETABS Software" for IV B.Tech students through APSSDC from 1-11-2021 to 6-11-2021.

Civil Engineering Department has organized Two week workshop on "AUTOCAD Software" from 16-11-2021 to 27-11-2021.

Civil Engineering Department has organized one day Expert lecture program on "Overview of Ground Improvement Techniques-Compaction" by Dr. P. Venkata Koteswara Rao, Associate Professor, Civil Engineering Department, Vardhaman college of Engineering, Hyderabad on 08-12-2021.



Civil Engineering Department has organized one day Expert lecture program on "Expert Lecture on Roller Compacted Concrete in Dam Construction" by Dr. I. Siva Parvathi, Associate Professor, Civil Engineering Department, AU college of Engineering (A), Andhra University, Visakhapatnam on 29-12-2021.



Civil Engineering Department has organized Model making competition 11-12-2021.



Industrial Visit

Civil Engineering Department managed a Industrial visit to Third B.Tech Civil Engineering Students to Srisailam project on 11-10- 2021.





Civil Engineering Department managed a Industrial visit to Second B.Tech Civil Engineering Students to Pulichintala project on 10-12- 2021.





Academic Toppers

Students of III, II & I year who stood I, II, III Positions in the semester end examinations held in October/November-2021.



I. Hasmitha
18471A0115
8.64



D. Arun Babu
18471A0111
8.50



P. Chakravarthi
18471A0136
8.36



P. Govardhan
19471A0144
8.92



K.Hemanth
20475A0110
8.85



K. Venu Gopal
18471A0136
8.77



K. Anuhya
20471A0122
8.92



P.Gopi chand
20471A0122
8.38



Salma suleiman.sk
20471A0122
8.31

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.

B.Ajay Bhaskar Reddy, Batch (2017-2021), Application development Associate, Accenture, Hyderabad.

Brief Intro about New Faculty



Mr. K.Jeyavignes has completed B.Tech from Kalasalingam University, Krishnankoil, Tamil Nadu and M.E. from RVS college of Engineering & Technology, Dindigul,Tamil Nadu with a specialization of Construction Engineering Management. He has published one conference paper.



Mr. V.Suresh has completed B.Tech from Narasaraopet Engineering College, Narasaraopet and M.Tech from Nalanda Institute of Engineering & Technology, Sattenapalli, AndharaPradesh with a Highway Engineering.

Student's Voice



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

Pathan Jilani, 19475A0103, IV CIVIL, B section

Vision

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

Mission

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

New trends in Technology - ENERGY-SAVER LIGHTING TECH



A few years ago, LED lamps were super expensive, a situation that forced most people to consider other options. Fortunately, with the recent advances in electrical engineering, that's not the case anymore.

According to reports, energy-saver bulbs consume less than 80% of the energy required by conventional light bulbs. And the best part, today they are also affordable. Energy-saver bulbs save each home an average of 100 dollars in utility bills annually. With the continuous improvement of this energy-saving technology, LED bulbs are expected to become the standard in 2021 and beyond.

Faculty Focus:

International Journals:-

Sk. Md. Shareef "Reactive Power Compensation in A Grid-Tied PV System By Fuzzy Logic Controller" by The International journal of analytical and experimental modal analysis, Volume XIII, Issue VIII, August/2021, ISSN NO: 0886-9367; Page No: 1611-1618.

International Journals:-

1. M. Chandra Sekhar "Auto Tracing and Identification of Distribution Feeder Illness and controlling of loss of crop and living being using Tilt angle and LoRa module" ISBN: 978-93-11420-11-6.
2. G.Naveen "Torque Ripple and Harmonics Reduction of Brushless DC Motor (BLDCM) Using Cascaded H-Bridge Multilevel Inverter" ISBN: 978-93-11420-11-6.
3. G.Naveen "DTC Control Strategy for Doubly Fed Induction Machine" ISBN: 978-93-11420-11-6.
4. - P.Bramarambavathi. "DTC Control Strategy for Doubly Fed Induction Machine" ISBN: 978-93-11420-11-6.
5. M.Subramanayam "A New Fuzzy logic Controlled Doubly Fed Induction Generator with Integrated Active Filter Capabilities For Wind Energy Conversion Systems" ISBN: 978-93-11420-11-6.
6. Sunil Babu Jyothi "Fuzzy Control Of Hybrid Solar And Wind System For Optimized Battery Charging At Pre-Post Fault Conditions" ISBN: 978-93-11420-11-6.
7. Galla Naga Raju "Power Quality Issues in Medical Diagnosis Equipment" ISBN: 978-93-11420-11-6.
8. M.Chandra Sekhar "Distinctive Power Converter Strategy for Distributed Generation System" ISBN: 978-93-11420-11-6.
9. Sk.Karimulla "Design Of The Solar Converter Reconfiguration Under Pv Battery Power Conversion" ISBN: 978-93-11420-11-6.
10. G.Naveen "Torque Ripple Minimization in Neutral-Point Clamped Three-Level Inverter Fed Induction Motor Drives Operated at Low-Switching-Frequency"; ISBN: 978-93-11420-11-6.
11. M.Subramanyam "Photovoltaic Based PMDC Motor Drive System using MPPT" ISBN: 978-93-11420-11-6
12. P.D.V.S.K.Kishore "Efficiency and Ripple Factor comparison of DC-DC Converters" ISBN: 978-93-11420-11-6.
13. Sk.Karimulla "Design and Development of a Static VAR Compensator for Load Compensation Using Real Time Digital Simulator and Hardware" ISBN: 978-93-11420-11-6.
14. Sk Md Shareef "PV Integrated Fuzzy Controlled UPQC Under Unbalanced And Irradiance Conditions" ISBN: 978-93-11420-11-6.
15. P.D.V.S.K.Kishore "Sensor less voltage control of CHB Multilevel inverter fed three phase induction motor with one DC source per each phase- B.Praveen Kumar , ISBN: 978-93-11420-11-6.
16. B.Praveen Kumar "Sensor less voltage control of CHB Multilevel inverter fed three phase induction motor with one DC source per each phase-, ISBN: 978-93-11420-11-6.

Faculty Patents

Dr.P.Lakshmanan has patent on BI-LEVEL ENERGY MANAGEMENT SYSTEM WITH GRID REINFORCEMENT FOR SOLAR ENERGY, Application Number: - 2021105856, Publication Date:- 03-11-2021

Faculty Newly Appointed

Mr.SK.Abdul Kalam - newly joined as Assistant Professor 01/09/2021.
G.Narasimha Rao - newly joined as Assistant Professor 15/09/2021
P.Bramarambavathi - newly joined as Assistant Professor 01/10/2021

FDPs :-

Dr.P. Lakshmanan attended Certified on Online Elementary FDP on "Power Electronic Systems & its Real time control Instrumentation in DSP" by Virtually from 08-11-2021 to 12-11-2021 organized by AICTE Training & Learning (ATAL) Academy.

Dr.P. Lakshmanan attended 5-Day online FDP on "Inculcating Universal Human Values in Technical Education"" by Virtually from 04-10-2021 To 08-10-2021 organized by AICTE New Delhi.

Dr.P. Lakshmanan attended FDP on "Annual Refresher Program in Teaching" on 13-10-2021organized by MHRD & NTA

Dr.P. Lakshmanan attended one Month Course on "Innovation Ambassador Training(Foundation level)" 30-06-2021 to 30-07-2021 organized by MoE's Innovation cell & AICTE.

Mr. SK.MD.Shareef attended One week online FDP on "AI, Machine Learning, Deep Learning & Automation Applications in Electrical Datasets: Theory to Hands on Practice" by Virtually 05-07-2021 To 10-07-2021 organized by Sasi Institute of Tech.& Engg, Tadepalligudem

Mr.P.D.V.S.K.Kishore attended Five day online FDP on "Recent Advances in Power Electronics and Power Systems" by Virtually 10-11-2021 To 15-11-2021 organized by LBRCE Department of EEE, Mylavaram

Mr.G Naga Raju attended Online two week STTP on "Emerging Technologies in Electric Vehicles" by Virtually 02-08-2021 To 14-08-2021 organized by Department of EEE Bapatla Engineering College

Mr.G Naga Raju attended One Week online STTP on (STTP-Phase-III) "Simulation tools for Electrical Engineering & its real time Applications" by Virtually 28-06-2021 To 03-07-2021 organized by Department of EEE KHIT,Guntur

Mr. M. Chandra Sekhar attended Online two week STTP on "Emerging Technologies in Electric Vehicles" by Virtually 02-08-2021 To 14-08-2021organized by Department of EEE Bapatla Engineering College.

Mr.B.Praveen Kumar attended AICTE Training & Learning (ATAL) Academy Certified on Online Elementary FDP on "Internet of Things-Industry Trend" by Virtually 25-10-2021 To 29-10-2021 organized by Department of EEE Jyothi Institute of Technology Bangalore.

Mr.G.Naveen attended Five day online FDP on "Recent Advances in Power Electronics and Power Systems" by Virtually 10-11-2021 To 15-11-2021 organized by LBRCE Department of EEE, Mylavaram.

Mr.SK.Karimulla attended Certified on Online Elementary FDP on "IOT Applications in Renewable Energy" by Virtually 22-11-2021 To 26-11-2021organized by AICTE Training & Learning (ATAL) Academy. NSS College of Engineering, palakkad.

Mr.SK.Karimulla attended Certified on Online Elementary FDP on "Internet of Things" by Virtually 25-10-2021 To 29-10-2021 organized by AICTE Training & Learning (ATAL) Academy,Sri Vidyaniketan Engineering College, Tirupathi

Mr.SK.Karimulla attended Certified on Online Renewable Energy System Master class" by Virtually 17-10-2021 to 16-11-2021 organized by APSSDC-Pantech e Learning.

Mr.SK.Karimulla attended AICTE Recognized FDP on "Basics of MATLAB & Simulink" by Virtually 19-07-2021 To 23-07-2021organized by Dept of EEE NITTTR, Chandigarh

WORKSHOPS:-

Mr. SK.MD.Shareef attended Five day National level online Workshop on "MATLAB & its Applications for Project Devolopment in Electrical Engineering" by Virtually from 26-10-2021 to30-10-2021 organized by Vignans Nirula Institute of Technology & Science for Women

ORGANIZED PROGRAMS:-



Under ISTE Student Chapter, The department of EEE organized a Webinar on "Advances in energy storage devices for Electric Vehicle" on 10-06-2021 from 02:00 PM to 03:30 PM. All the students & Faculty possessing ISTE membership have attended this webinar. The resource person for this webinar was Mr. Ujjval B Vyas, a research scholar at SVNIT Surat. A total of 113 students & Faculty participated in this event.

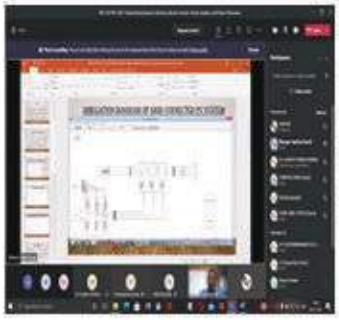
The Department of EEE Organized a webinar on "Career Opportunities after B.Tech_EEE @ Narasaraopeta Engineering College(Virtual) on 25-06-2021 . The Resource person for this webinar was Mr. P.Ramesh Faculty of ACE Engineering Academy.

Department of EEE organised a Virtual international conference on 'Recent Trends in power systems and power Electronics' (NEC-VICPSPE-2K21) on 28-29th July 2021.









BOOKS AUTHORED BY FACULTY:-

Mr.SK.MD.Shareef author of the Text Book Electrical Circuit Analysis-1 ISBN No:- 978-81-948687-6-7, Publisher:- Spectrum Date of Publications:- August-2021

Mr.M.Chandrasekhar author of the Text Book Electrical Circuit Analysis-1 ISBN No:- 978-81-948687-6-7, Publisher:- Spectrum Date of Publications:- August-2021.

Mr.J.Sunil Babu author of the Text Book Network Analysis ISBN No:- 978-81-948787-2-8, Publisher:- Spectrum Date of Publications:- August-2021

Mr.G.Nagaraju author of the Text Book Network Analysis ISBN No:- 978-81-948787-2-8, Publisher:- Spectrum Date of Publications:- August-2021.

Sk.Karimulla author of the Text Book Elements of Electrical & Electronics Engineering ISBN No:- 978-81-948687-9-8, Publisher:- Spectrum Date of Publications:- August-2021.

MoU'S :-

Department has MOU Signed with Lineysha & Thevan Software Technologies Pvt. Ltd. Vijayawada for the Activity Acadamic Cooperation in areas of mutual Interest From 24-11-2021

Department has MOU Signed with Avodha Edutech Pvt. Ltd, Bangalore for the Activity ,Educational & Training Activities, Exchange of Students & faculty for Training & coaching... etc.From 29-11-2021

Department has MOU Signed with Eduskills (Nation building through skills) for the Activity , Create awareness for adoptation and registration of Technical courses from interested students.From 24-11-2021.

Department has MOU Signed with Axis Global Institute of Industrial Training(AGIIT), Chennai for the Activity , Industrial Training & Visits,Guest Lectures,Placement of Trained Students.From 30-08-2021

STUDENT FOCUS

PAPERS PRESENTED

M.Harika IV EEE Paper Presented on "Control Methodology For A Grid Connected Isolated PV Diesel Microgrid" in Virtual International Conference On Recent Trends in Power Systems and Power Electronics (NEC-VICPSPE-2k21) on 28/07/2021 & 29/07/2021 Organized by Department of EEE, Narasaraopeta Engineering College, Narasaraopet.

P.John Luke IV EEE Paper Presented on "Control Methodology For A Grid Connected Isolated PV Diesel Microgrid" in Virtual International Conference On Recent Trends in Power Systems and Power Electronics (NEC-VICPSPE-2k21) on 28/07/2021 & 29/07/2021 Organized by Department of EEE, Narasaraopeta Engineering College, Narasaraopet.

B.Ajay Kumar IV EEE Paper Presented on "Control Methodology For A Grid Connected Isolated PV Diesel Microgrid" in Virtual International Conference On Recent Trends in Power Systems and Power Electronics (NEC-VICPSPE-2k21) on 28/07/2021 & 29/07/2021 Organized by Department of EEE, Narasaraopeta Engineering College, Narasaraopet.

K.Naga Deepthi IV EEE Paper Presented on "Analysis and Comparison of the DC-DC Converters for Reducing Current ripple and Improving Efficiency " in Virtual International Conference On Recent Trends in Power Systems and Power Electronics (NEC-VICPSPE-2k21) on 28/07/2021 & 29/07/2021 Organized by Department of EEE, Narasaraopeta Engineering College, Narasaraopet.

CH. Harsha IV EEE Paper Presented on "Analysis and Comparison of the DC-DC Converters for Reducing Current ripple and Improving Efficiency " in Virtual International Conference On Recent Trends in Power Systems and Power Electronics (NEC-VICPSPE-2k21) on 28/07/2021 & 29/07/2021 Organized by Department of EEE, Narasaraopeta Engineering College, Narasaraopet.

M.Ravi Teja IV EEE Paper Presented on "Analysis and Comparison of the DC-DC Converters for Reducing Current ripple and Improving Efficiency " in Virtual International Conference On Recent Trends in Power Systems and Power Electronics (NEC-VICPSPE-2k21) on 28/07/2021 & 29/07/2021 Organized by Department of EEE, Narasaraopeta Engineering College, Narasaraopet.

M.Madhavi IV EEE Paper Presented on "Comparison of Harmonics and THD Suppression with Three and 5 Level Cascaded H-bridge Multilevel Inverter" in Virtual International Conference On Recent Trends in Power Systems and Power Electronics (NEC-VICPSPE-2k21) on 28/07/2021 & 29/07/2021 Organized by Department of EEE, Narasaraopeta Engineering College, Narasaraopet.

Sk.Nagur Basha IV EEE Paper Presented on "Comparison of Harmonics and THD Suppression with Three and 5 Level Cascaded H-bridge Multilevel Inverter" in Virtual International Conference On Recent Trends in Power Systems and Power Electronics (NEC-VICPSPE-2k21) on 28/07/2021 & 29/07/2021 Organized by Department of EEE, Narasaraopeta Engineering College, Narasaraopet.

K Manasa IV EEE Paper Presented on "Comparison of Harmonics and THD Suppression with Three and 5 Level Cascaded H-bridge Multilevel Inverter" in Virtual International Conference On Recent Trends in Power Systems and Power Electronics (NEC-VICPSPE-2k21) on 28/07/2021 & 29/07/2021 Organized by Department of EEE, Narasaraopeta Engineering College, Narasaraopet

A.Sai Krishna IV EEE Paper Presented on "Control of UPQC Using Linear Kalman Filter for Power Quality Problems " in Virtual International Conference On Recent Trends in Power Systems and Power Electronics (NEC-VICPSPE-2k21) on 28/07/2021 & 29/07/2021 Organized by Department of EEE, Narasaraopeta Engineering College, Narasaraopet.

G. Praveen kumar IV EEE Paper Presented on "Control of UPQC Using Linear Kalman Filter for Power Quality Problems " in Virtual International Conference On Recent Trends in Power Systems and Power Electronics (NEC-VICPSPE-2k21) on 28/07/2021 & 29/07/2021 Organized by Department of EEE, Narasaraopeta Engineering College, Narasaraopet

A.N.V.D. Tarun IV EEE Paper Presented on "Control of UPQC Using Linear Kalman Filter for Power Quality Problems " in Virtual International Conference On Recent Trends in Power Systems and Power Electronics (NEC-VICPSPE-2k21) on 28/07/2021 & 29/07/2021 Organized by Department of EEE, Narasaraopeta Engineering College, Narasaraopet.

G. Yashwanth Krishna IV EEE Paper Presented on "Control of UPQC Using Linear Kalman Filter for Power Quality Problems " in Virtual International Conference On Recent Trends in Power Systems and Power Electronics (NEC-VICPSPE-2k21) on 28/07/2021 & 29/07/2021 Organized by Department of EEE, Narasaraopeta Engineering College, Narasaraopet.

M. Ravi kumar IV EEE Paper Presented on "A Fuzzy Logic Based Cascaded H-Bridge 15 Level Multi Level Inverter" in Virtual International Conference On Recent Trends in Power Systems and Power Electronics (NEC-VICPSPE-2k21) on 28/07/2021 & 29/07/2021 Organized by Department of EEE, Narasaraopeta Engineering College, Narasaraopet.

J.Pothu Raju IV EEE Paper Presented on "A Fuzzy Logic Based Cascaded H-Bridge 15 Level Multi Level Inverter" in Virtual International Conference On Recent Trends in Power Systems and Power Electronics (NEC-VICPSPE-2k21) on 28/07/2021 & 29/07/2021 Organized by Department of EEE, Narasaraopeta Engineering College, Narasaraopet

V. Ramakrishna IV EEE Paper Presented on "A Fuzzy Logic Based Cascaded H-Bridge 15 Level Multi Level Inverter" in Virtual International Conference On Recent Trends in Power Systems and Power Electronics (NEC-VICPSPE-2k21) on 28/07/2021 & 29/07/2021 Organized by Department of EEE, Narasaraopeta Engineering College, Narasaraopet

S.Akhil Kumar IV EEE Paper Presented on "A Fuzzy Logic Based Cascaded H-Bridge 15 Level Multi Level Inverter" in Virtual International Conference On Recent Trends in Power Systems and Power Electronics (NEC-VICPSPE-2k21) on 28/07/2021 & 29/07/2021 Organized by Department of EEE, Narasaraopeta Engineering College, Narasaraopet.

Kakumanu Sailaja IV EEE Paper Presented on "Wireless Power Transfer Technology " in Virtual International Conference On Recent Trends in Power Systems and Power Electronics (NEC-VICPSPE-2k21) on 28/07/2021 & 29/07/2021 Organized by Department of EEE, Narasaraopeta Engineering College, Narasaraopet.

T.Tejaswini IV EEE Paper Presented on "Wireless Power Transfer Technology " in Virtual International Conference On Recent Trends in Power Systems and Power Electronics (NEC-VICPSPE-2k21) on 28/07/2021 & 29/07/2021 Organized by Department of EEE, Narasaraopeta Engineering College, Narasaraopet

B. Koteswara Rao IV EEE Paper Presented on "Effect of Power Quality Issues in Power System and Its Mitigation by Power Electronics Devices" in Virtual International Conference On Recent Trends in Power Systems and Power Electronics (NEC-VICPSPE-2k21) on 28/07/2021 & 29/07/2021 Organized by Department of EEE, Narasaraopeta Engineering College, Narasaraopet

Pavan Kalyan. G IV EEE Paper Presented on "Effect of Power Quality Issues in Power System and Its Mitigation by Power Electronics Devices" in Virtual International Conference On Recent Trends in Power Systems and Power Electronics (NEC-VICPSPE-2k21) on 28/07/2021 & 29/07/2021 Organized by Department of EEE, Narasaraopeta Engineering College, Narasaraopet.

A.Purna Chandra Rao IV EEE Paper Presented on "Efficiency and Ripple Factor comparison of DC-DC Converters" in Virtual International Conference On Recent Trends in Power Systems and Power Electronics (NEC-VICPSPE-2k21) on 28/07/2021 & 29/07/2021 Organized by Department of EEE, Narasaraopeta Engineering College, Narasaraopet

Shaik Sharukh IV EEE Paper Presented WON 1ST Prize in ISTE TECHNICAL EVENT on 04/09/2021 Organized by ISTE CHAPTER, Narasaraopeta Engineering College, Narasaraopet.

Kunchanapalli Pavan Kalyan IV EEE Paper Presented WON 2nd Prize in ISTE TECHNICAL EVENT on 04/09/2021 Organized by ISTE CHAPTER, Narasaraopeta Engineering College, Narasaraopet.

T. Nikhitha Reddy IV EEE Paper Presented WON 3rd Prize in ISTE TECHNICAL EVENT on 04/09/2021 Organized by ISTE CHAPTER, Narasaraopeta Engineering College, Narasaraopet

PLACEMENT:

21 Students are placed in different MNCs in Campus Placement Drive in College with and average Package of 4.5LPA.

TRAINING PROGRAMMES ORGANIZED

CRT- Training Programme for IInd B.Tech-EEE from 12-07-2021 to 31-07-2021 Organized by /Resource Person Bytexl Team

TCS - Training Programme for IVth B.Tech-EEE from 05-08-2021 to11-08-2021 Organized by /Resource Person Bytexl Team

CRT- Training Programme for IIIIrd B.Tech-EEE from 22-09-2021 to 22-10-2021 Organized by /Resource Person Bytexl Team

TCS Mock Interviews for IVth B.Tech-EEE from 30-09-2021 Organized by /Resource Person Bytexl Team.

Hexaware Training for IVth B.Tech-EEE from 30-09-2021 to 02-10-2021 Organized by /Resource Person Bytexl Team

CRT- Training Programme for IVth B.Tech-EEE from 25-10-2021 to 30-10-2021 Organized by /Resource Person Bytexl Team.

HCL HR Mock Interviews for IVth B.Tech-EEE from 30-11-2021 Organized by /Resource Person Dr.Ananda Oliveti.

Renewable Energy System Master class for IIIrd B.Tech-EEE from 17-10-2021To 16-11-2021Organized by /Resource Person APSSDC_PANTECH e-Learning.

MOOC BY STUDENTS:-

47 Students are completd MOOC course on DC Microgrid & control Systems

INDUSTRIAL VISITS:-

IV EEE Students visited Hydro Power Plant- Srisailam on 21-10-2021

III EEE-A & B Students Visited 765/400 kV Substation Power Grid Corporation of India.Ltd. Annavaram Village,Rompicharla Md on 02-12-2021 & 03-12-2021



Alumni Voice



M.Harika
Software Engineer
TCS

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.

Student's Voice



P.John Asish
19475A0202
IV Year

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. There are many co-curricular activities, events, fest etc. Every year we have fest "JUBALITION" and sports which was a platform to prove our talents.

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 :

Additive Manufacturing(AM) is a transformative approach to industrial production that enables the creation of lighter, stronger parts and systems. It is yet, another technological advancement made possible by the transition from analog to digital processes. In recent decades, communications, imaging, architecture and engineering have all undergone their own digital revolutions. Now, AM can bring digital flexibility and efficiency to manufacturing operations. Additive manufacturing uses data computer-aided-design (CAD) software or 3D object scanners to direct hardware to deposit material, layer upon layer, in precise geometric shapes. As its name implies, additive manufacturing adds material to create an object. By contrast, when you create an object by traditional means, it is often necessary to remove material through milling, machining, carving, shaping or other means. Although the terms "3D printing" and "rapid prototyping" are casually used to discuss additive manufacturing, each process is actually a subset of additive manufacturing. While additive manufacturing seems new



FACULTY FOCUS:

Faculty Publications:

Principal Dr.M.Sreenivasa Kumar published a Journal paper entitled"A Novel Hybrid Transform approach with integration of Fast Fourier, Discrete Wavelet and Discrete Shearlet Transforms for prediction of surface roughness on machined surface", ELSEVIER : Measurement Volume : 164 (2020), pp 1-14.

PilliSravani, Assistant professor published a Journal paper entitled "The SystematicComparision on Analysis of Parallel Flow and Counter Flow Heat Exchanger by using CFD and Practicle Methods", International Journal for Modern Trends in Science and Technology 2021, 7, 23 November 2021, pp. 153-161.

Vice Principal Dr.D.Suneel published a Journal paper entitled "Machining Characteristics and Microbiological Growth of Stir Casted A356 – SiC MMCs and Pure Metals", , PP., ISBN..

Dr.P.Suresh babu Associate professor published a Journal paper entitled "Machining Characteristics and Microbiological Growth of Stir Casted A356 – SiC MMCs and Pure Metals", , PP., ISBN.

FACULTYACHIEVEMENTS:

WORKSHOPS/CONFERENCES/WEBINARS/FDPS/QUIZ/ ATTENDED

Dr.M.Sreenivasa Kumar, paper entitled "3d printing of prototype through image processing using autodesk recap photo software", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, From 30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02-4.

Dr Suneel Donthamsetty, paper entitled "Machining Characteristics and Microbiological Growth of Stir Casted A356-SiC MMCs and Pure Metals", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, From 30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02-4.

DrPenugonda Suresh Babu paper entitled "Machining Characteristics and Microbiological Growth of Stir Casted A356-SiC MMCs and Pure Metals", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, From 30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02-4.

Dr B. Venkata Siva paper entitled "CFD Analysis Of Super Utility Vehicle To Determine Aerodynamic Behaviour", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, during 30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02-4.

Dr B. Venkata Siva paper entitled "A Study And Synthesis Of 8 Bar One Degree Of Freedom Walking Mechanism", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, during30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02-4.

Dr B. Venkata Siva paper entitled "3d printing of prototype through image processing using autodesk recap photo software", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, during 30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02-4.

DrD.Jagadishpaper entitled "Establishment of SCR Test facility and Evaluation of 8mm pitch Honeycomb Type Catalyst in a 20 Liter capacity SCR Test facility", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, during30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02-4

DrD.Jagadishpaper entitled "Comparative Performance Analysis of Engine Fuelled with Diesel Biodiesel Iron Oxide Nano Particles", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, during 30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02-4

Ch.Sekhar paper entitled "Comparative Performance Analysis of Engine Fuelled with Diesel Biodiesel Iron Oxide Nano Particles", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, during 30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02-4.

Ch.Sekhar paper entitled A "Comprehensive Review on recent research on Semi Solid Processed Aluminium 7 Series Alloys", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, during30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02-4.

Ch.Sekhar paper entitled "Experimental Investigation In Single Cylinder Vcr Multifuel Engine Using Bio-Diesel As Linseed Oil", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, during30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02-4.

M.Venkaiah paper entitled "Devlopment of Code for Automated HVAC System using Digital Controller", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, during 30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02-4.

M.Venkaiah paper entitled "Experimental Investigation In Single Cylinder Vcr Multifuel Engine Using Bio-Diesel As Linseed Oil",A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, during30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02-4.

M.Venkaiah paper entitled "Study of Rheological characteristics of nano suspensions", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation(ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, during 30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02-4.

M.Venkaiah paper entitled "Optimisation in WEDM of HCHCR Steel using Taughi Method", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, during 30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02-4.

Sk.Bajan paper entitled "Li-Br H2O VAR System Analysis by Applying Magnetic Field to Liquid Line", A Virtual International Conference On" Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, From 30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02-4.

Sk.Bajan paper entitled "Performance analysis of a CI Engine fuelled with olive oil and soybean oil mixture as a biofuels", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, From 30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02-4.

M.Venkanna Babu paper entitled "Design and Fabrication of Radiant Cooling System", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, during 30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02-4.

M.Venkanna Babu paper entitled "Determination Of Efficient Location Of Split Air Conditioner Using CFD", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, during 30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02-4.

M.Venkanna Babu paper entitled "3d printing of prototype through image processing using autodesk recap photo software", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, during 30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02-4.

P.Sravani paper entitled Study of "Performance and emission characteristics in direct-injection compression-ignition engine fuelled with pond water algae biodiesel", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, during 30 -07-2021 to 31-7-2021, ISBN : 978-93-9142-02-4.

P.Sravani paper entitled "The Analysis on Concentric pipe Heat Exchanger", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, From 30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02-4.

P.Srinivasarao paper entitled "Performance And Emission Characteristics Of Diesel Engine With Linseed Oil-Diesel Blends As Fuel With VCR", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, during 30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02-4.

P.Srinivasarao paper entitled "CFD Analysis of Two Pass Double Pipe Heat Exchanger with TiO2/Ethylene Glycol Nano Fluid", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, during 30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02-4.

P.Srinivasarao paper entitled "COP Enhancement of VCR System Using Diffusers", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, during 30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02-4.

K.Kiran Chand paper entitled "Performance And Emission Characteristics Of Diesel Engine With Linseed Oil-Diesel Blends As Fuel With VCR", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, during 30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02.

K.Kiran Chand paper entitled "Modelling and Optimization of Two Wheeler Disk Brake Using ANSYS -Review", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, during 30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02

K.Kiran Chand paper entitled "Design and Analysis of Wheel Rim on Radial Loads", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, during 30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02

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B.Rambabu paper entitled "Design and finite element analysis of gas turbine blade", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, during 30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02

B.Rambabu paper entitled "Manufacturing of Hyperboliodal Gear Model Using Ultimaker S5 3D Printing Machine", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, during 30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02.

T.Ashok Kumar paper entitled "Application of a thermoplastic polyurethane/polylactic acid composite filament for 3d-printed personalized orthosis", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, during 30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02.

T.Ashok Kumar paper entitled "Design and Analysis of a Connecting Rod", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, during 30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02.

Sk.Meeravali paper entitled "Performance analysis of a CI Engine fuelled with olive oil and soybean oil mixture as a biofuels", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, during 30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02.

A.Pavan Kumar paper entitled "A Review on Parameters of Composite Materials", A Virtual International Conference On"Emerging Trends In Mechanical Engineering And Industrial Automation (ICETMEIA-2K21)" organized by Department of Mechanical engineering, NEC, during 30 -07-2021 to 31-7-2021, ISBN : 978-93-91420-02..

PrincipalDr.M.Srineevasakumar,Professorpublished a text book"Elements of Mechanical and Electrical Engineering", by Amaravati Publications.

Dr.D.Jagadish ,Professor published a text book "Elements of Mechanical and Electrical Engineering", by Amaravati Publications.

Sk. KarimullaAssistant Professor published a text book "Elements of Mechanical and Electrical Engineering", by Amaravati Publications.

Principle Dr.M.Srineevasakumar ,Professor published a text book"EngineeringWorkshop",byS International Publishers.

Principle Dr.M.Srineevasakumar ,Professor published a text book"Engineering Mechanics", by Sri Krishna Techno Books.

Dr.B.VenkataSivaProfesor HOD published a text book "Material Science and Metallurgy", bySpectrum Publishing House.

Vice Principal Dr.D.Suneel Professorpublished a text book "Material Science and Metallurgy", by Spectrum Publishing House.

Dr.P.Suresh babu Associate professor published a text book "Material Science and Metallurgy", by Spectrum Publishing House.

P.SrinivasaraoAssistantProfessor published a text book "Engineering Drawing", by Spectrum Publishing House.

M.VenkannaBabuAssistant Professor published a text book "Engineering Drawing", by Spectrum Publishing House.

M.VenkaiahAssistantProfessor published a text book "Engineering Drawing", by Spectrum Publishing House.

Dr.P.Suresh babu Associate professor published a text book "Material Science and Metallurgy", by Spectrum Publishing House.

Ch.Sekhar Assistant Professor published a text book "Engineering Mechanics", bySri Krishna Techno Books.

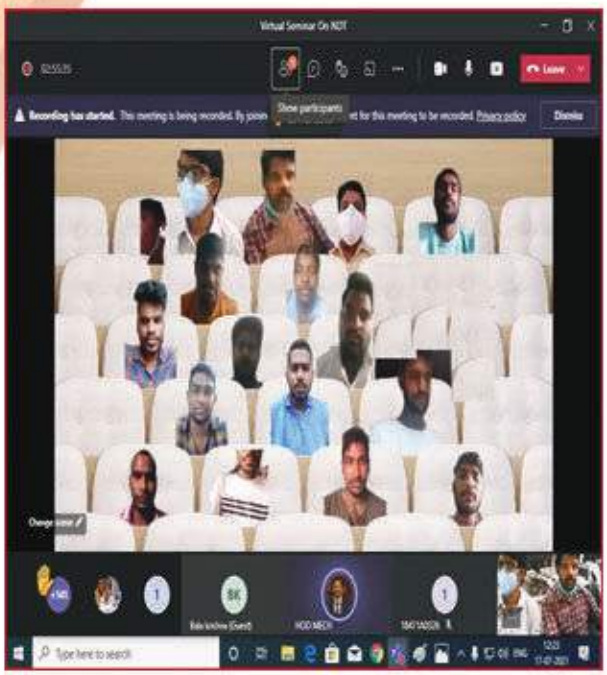
D.Mojeswara Rao Assistant Professor published a text book "Engineering Workshop",byS International Publishers.

DEPARTMENT ACTIVITIES:

Departmenthas organized a Virtual Webinar on "LOST FOAM CASTNG TECHNOLOGY"for second and third year students on07/07/2021 .For this webinar K.Chiranjeevi, Managing Partner, Indian Metal Work Ltdacted as a Resource person.



Department has organized a Virtual seminar on "AN INFORMATIVE TALK ON NDT, QA/QC & JOB OPPORTUNITIES IN OIL & GAS FIELD" for second and third year students on 17/07/2021 .For this seminar M.BALA KRISHNA, Quality Inspector, BITS NDT, VIZAG acted as a Resource person.



Department has organized a Virtual seminar on "ROBOTICS AS AN EDUCATIONAL TOOL FOR EMERGING TECHNOLOGY" for second and third year students on 19/07/2021.For this seminar Dr. Kali CharanRath, Associcate Professor, Dept of Mechanical Engineering, GIET University, Gunupur, Odisha actedas a Resource person.



Department has organized Virtual International Conference on "Emerging Trends In Mechanical Engineering And Industrial Automation" ,in association with The Institution Of Engineers (India).

Speakers for this two days conference program

1.Dr.Jose I. Rojas, Associate professor, Division of Aerospace Engineering, Universitatpolitecnica de catalunya, Castelldefels, Spain.

2.Dr. Naresh Kakur, Research Staff, Department of Aerospace Engineering, Khalifa University of Science and Technology, Abu Dhabi, U.A.E. acted as keynote speakers and

3.Dr.KaliCharan Rath, Associate Professor, Department of Mechanical Engineering, GIET University, Gunpur, Odisha

4.Dr.K.Satyanarayana, Prof. & Head, Department of Mechanical Engineering, VVIT, Guntur.

5.Dr.G.Suresh, Associate Professor, Department of Mechanical Engineering, VFSTR University, Vadlamudi, Guntur.

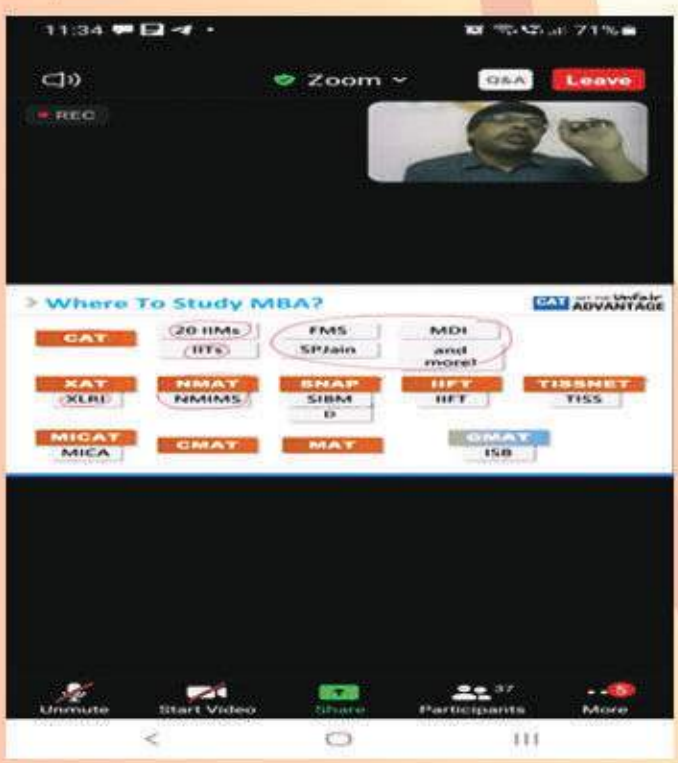
6.Dr.GunjiBala Murali, Sr. Asst. Professor, Department of Mechanical Engineering, VIT Vellore, Tamilnadu acted as session chairs.
Around100 Eminent speakers and guests from all over the world from different walks of life share their knowledge and vast experience.



Department has organized a Virtual seminar on "Role Of 3d Printing In Future Manufacturing And Its Research Scope"forthird year students on 19/08/2021For this seminar Dr G Bala Murali, from VIT, Vellore acted as a Resource person.



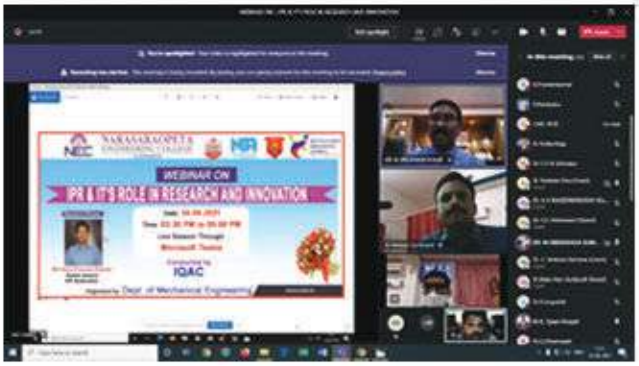
Department has organized a Virtual seminar on "All About Mba Options In India & Opportunitiesformechanical Students" for I, II, III, & IV year students on 20/08/2021.For this seminar Durga Sankar Bussetti, Chief Mentor, AP & Telangana and Vasanth Kumar, Lead Mentor, B.Tech (Mech), MBAacted as a Resource person.



Department has organized a one week workshop on"PRODUCT DESIGN & DRAFTING BY CATIA" for final year students in association with APSSDC from 20-09-2021 to 25-09-2021. For this workshop Mr. N Mahesh Babu, Mr. A Tejoamareswar, Mr. N Srikanth, Ms. K Prasanna Lakshmi acted as resource persons.



Department has organized a virtual seminar on"Ipr & It's Role In Research And Innovation" in association with IQAC & IIC for I,II, III, & IV year students on 24/09/2021.For this seminar Mr. Anna Eswara Kunar, Patent Analyst, IIT - Hyderabadacted as a resourceperson



Department has organized "Alumni Talk In Career Oppurtunities In Software Industry" for final yearstudents on29/09/2021.For this talk, Mr.B.Raghu Vamsi Mechanical Alumni(Batch 2014-18) working as Engineer Traineein Cognizant, Bangalore acted as resource person.



Department has organized a workshop on"Design Now" for third year and final year students in association with ICTAcademy and Autodesk Fusion 360APSSDC on 30/09/2021.



Department has organized a one-week workshop on"Product Design & Drafting By Solid Edge"forthird year students from 04/10/2021 to 09/10/2021 in association with APSSDC. For this seminarMr. N Mahesh Babu, Mr. N Srikanth, Mr. K.Jaya Durga Phani, Mr.V.Vijay Kumar acted as a Resource person.



Department has organized "Alumni Talk In Career Oppurtunities In Software Industry" for third year and final yearstudents.on 09/10/2021.For this talk, Mr Abdul Kadhar. Mechanical Alumni(Batch 2013-17) working as Senior User Experience Designer in Touchnote, acted as resource person.



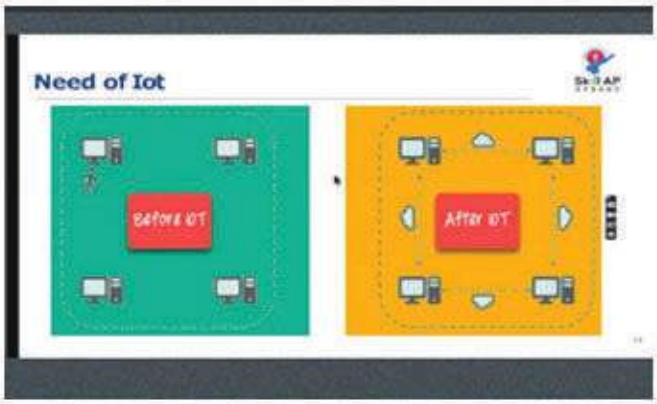
Department has organized a "TECH YANTRA 1.0 Event in Association with The Institute of Engineers India Students' AP State Chapter from 12/11/2021 to 13/11/2021. The Event is inaugurated by Dr. C.V. Sriram (Hon. Secretary, IEI) and Principal Sir. Total 260 students enrolled for different activities.



Department has organized a two-week workshop on "Programmable Logic Controller (PLC)"for third year studentsin association with APSSDC from 15/11/2021 to 27/11/2021. For this workshop Mrs.M. Gokul Sukanya, APSSDCtrainer acted as resource person.



Department has organized a two-week workshop on "Internet Of Things" for second year students in association with APSSDC from 15/11/2021 to 27/11/2021. For this workshop Mr M. Venkaiah, Assistant Professor, Department of Mechanical Engineering acted as a coordinator.



Department has organized an "ICT-Autodesk Design Now Workshop on FUSION 360 Session-2 in association with ICT Academy and Autodesk" on 16/11/2021. The Event is inaugurated by Mr. S. RamKumar(Relationship Manager- ICT Academy), Mr. P Kranthi Kumar (Sr. Technical Trainer -ICT Academy) and Principal Sir. Around 81 students participated in this program



Department has organized a five day short training program on "Reverse Engineering" for third year students in association with NITTTR-Chandigarh from 25/11/2021 to 29/11/2021. For this workshop Mr M. Venkanna Babu, Assistant Professor, Department of Mechanical Engineering.acted as a coordinator.



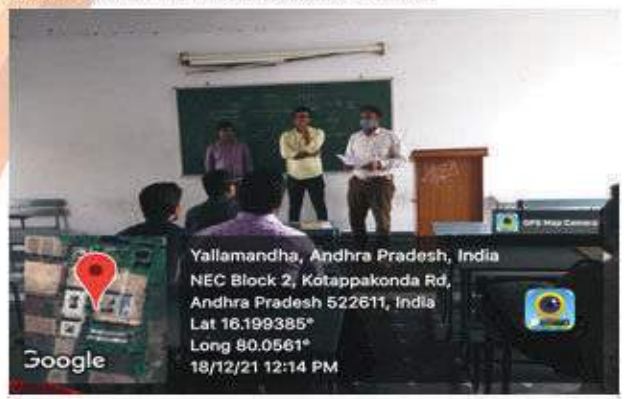
Department has organized a two-week workshop on "Recent Trends In Automotive Technology"for third year and final year studentsin association with JanathaGaragefrom 03/12/2021 to 04/12/2021. For this workshop Narasimha Reddy (Sr. Engineer, Automobile Industry) from JanathaGarage acted as resource person.



Department has organized an alumni talk on "Mechancal Engineering In Software Field" for third year and final yearstudents.on 03/12/2021.For this talk, Mr.Madhukar Reddy. Mechanical Alumni(Batch 2012-16) working in IBM, Bangalore, acted as resource person.



Department has organized an alumni talk on "Mechancal Engineering In Software Field" for final yearstudents .on 18/12/2021.For this talk, Mechanical Alumni(Batch 2013-17) Mr.M. Sai Yasaswiworking in Virtual consulting Services Data Analyst Virtusa, Hyderabad, and Mr. Ch. Krishna Chaitanya Reddy working as Associate Consultant in Infosys, Hyderabad, acted as resource persons.



Department has organized an "ICT-Autodesk Design Now Workshop on FUSION 360 Session-3 in association with ICT Academy and Autodesk" for third and final year students on 27/12/2021.in association with ICT Academy and Autodesk.



STUDENT FOCUS:

STUDENT PARTICIPATIONS IN WORKSHOPS/CONFERENCES/ NSS PROGRAMS:

K.Prudhviyeswanthreddy third year mechanical student completed certification course on "Problem Solving through Programming in C", from NPTEL-Online Certification.

P.Naveen third year mechanical student completed certification course on "Cyber security Awareness Training", from Amazon online certification program.

U.Shanmukharao third year mechanical student participated and get certification course on "Overview of Game Development with AR-VR", from SKYY RIDER INSTITUTIONS.

Department has organized "Mini Project Review", for final year students Dr.D.jagadish, Professor, and Ch.Sekhar ,Associate Professor acted as Judges and Coordinator for this program on 26/11/

V.Koteswararao third year mechanical student completed certification course on "Fundamentals of Java", Programming Hub Google Developers online certification program.

V.Koteswararao third year mechanical student participated workshop on "30 Days Renewable Energy Master Class", Skill AP –APSSDC-Pantech e learning online certification.

M.Stephen Williams third year mechanical student completed certification course on "Cyber security Awareness Training", from Amazon online certification program.

Shaik Mohammad Bilal third year mechanical student completed certification course on "Cyber security Awareness Training", from Amazon online certification program.

P.Gopinadh third year mechanical student completed certification course on "Cyber security Awareness Training", from Amazon online certification program.

O.Veeranjaneyulu third year mechanical student completed certification course on "Cyber security Awareness Training", from Amazon online certification program.

K.L.Vara prasad third year mechanical student completed certification course on "Cyber security Awareness Training", from Amazon online certification program.

O.Veeranjaneyulu third year mechanical student completed certification course on "Airbags - important safety innovation of recent decades", SKILL- LINK online certification program.

K.Prudhviyeswanthreddy third year mechanical student participated workshop on "AI4 Students", Microsoft online certification.

G.Chandra Shekhar third year mechanical student completed certification course on "Cyber security Awareness Training", from Amazon online certification program.

SK.Dastagiri third year mechanical student completed certification course on "Whats app Security", from Information security Education awareness program.

SK.Dastagiri third year mechanical student completed certification course on "Password Security", from Information security Education awareness program.

SK.Dastagiri third year mechanical student completed certification course on "Cyber Hygeinie Practices", from Information security Education awareness program.

SK.Dastagiri third year mechanical student completed certification course on "Cyber Ethics", from Information security Education awareness program.

U.Sharmukha Rao third year Mechanical student completed certification course on "Hybrid Electric Vehicle", SKY RIDER INSTITUTIONS online certification program

M.Sashank Second year Mechanical student participated workshop on "E-Motor NVH Active Sound Design for Electric Vehicles", SKY RIDER INSTITUTIONS online certification program.

Veerla.Koteswara Rao third year Mechanical student completed certification course on "IOT Using Raspberry PI", from Pantech e Learning online certification program.

P.Krishnachaithanya Second year Mechanical student completed certification course on "Build a Face Recognition Application using Python", from Guvi Tech.

M.Sashank Second year Mechanical student completed certification course on "Build a Face Recognition Application using Python", from Guvi Tech.

Podila. Gopinadh third year Mechanical student completed certification course on "HTML5 and CSS3", from Simpli Learn.

P.Sai Srinivas Second year Mechanical student completed certification course on "Build a Face Recognition Application using Python", from Guvi Tech.

Shaik mahammadbilal third year mechanical student completed certification course on "Introduction to Cyber Security", from Great learning online certification program.

K PrudhviYashwanthReddy third year mechanical student completed certification course on "Crash Course on Python", from Coursera online certification program.

Shaik Sadhik Second year mechanical student completed certification course on "National Engineering Olympiad 5.0", from NEO online certification program.

Sadhe Narendra Babu third year mechanical student completed certification course on "30 Days Machine Learning Master Class", from Pantech e learning online certification program.

ShaikMahaboobSubani third year mechanical student completed certification course on "30 Days Machine Learning Master Class", from Pantech e learning online certification program.

Shaik sadhik second year mechanical student completed certification course on "Introduction to Electro Magnetism", fromSkill link online certification program.

D.Veeranji Reddy second year mechanical student completed certification course on "5 Days EV Design Master Class", from SKILL-AP APSSDC online certification program.

D.Veeranji Reddy second year mechanical student completed certification course on "Introduction to Thermal Fluid Sciences", from SKILL-AP APSSDC online certification program

K.Sasi Kumar second year mechanical student completed certification course on "Introduction to Fluid Mechanics", from Skill link online certification program.

K.Sasi Kumar second year mechanical student completed certification course on "Introduction to Thermal Fluid Sciences", from Skill link online certification program.

D Pardhu Ganesh second year mechanical student completed certification course on "Introduction to Fluid Mechanics", from Skill link online certification program.

D Pardhu Ganesh second year mechanical student completed certification course on "Applied Strength Of Materials Using Ansys Work Bench", from Skill link online certification program.

S.Ranendravamshi second year mechanical student completed certification course on "Introduction to Fluid Mechanics", from Skill link online certification program.

S.Ranendravamshi second year mechanical student completed certification course on "Applied Strength Of Materials Using Ansys Work Bench", from Skill link online certification program.

P.Purna Chandra Rao second year mechanical student completed certification course on "Introduction to Fluid Mechanics", from Skill link online certification program.

J.Nagendra babu third year mechanical student completed certification course on "Introduction to Fluid Mecahnics", fromSkill link online certification program.

Gangavarapusrichandrasekharthird year mechanical student completed certification course on "Communication Skills", from TCS ION online certification program .

Gangavarapusri Chandra sekharthird year mechanical student completed certification course on "Culture and E-mail Writing", from TCS ION online certification program.

Gangavarapusrichandrasekharthird year mechanical student completed certification course on "Group Discussion", from TCS ION online certification program.

P.Gopinadhthird year mechanical student completed certification course on "Communication Skills", from TCS ION online certification program.

INDUSTRIAL VISITS:

Students from third year Visited "MahanandiPVC Pipes", Nakarikallu as a part of industrial visit on 28/09/2021.



Students from final year Veisited "Mahanandi PVC Pipes", Narasaraopet as a part of industrial visit on 01/11/2021.



Students from Second year Visited "Mahanandi Pipes Pvt Limited", Santhinagar, Narasaraopet as a part of Industrial visit on 13/12/2021.





Students from final year Veisited "Mahanandi PVC Pipes", Narasaraopet as a part of industrial visit on 02/11/2021.



Students from Final year Visited "Janatha Garage", Thadikonda, Guntur as a part of Industrial visit on 14/12/2021.

Students from second year Visited "Sagar Cements Power Plant", Narasaraopet as a part of Industrial visit on 02/11/2021.



Students from third year Visited "Vallabha Feeds Pvt Ltd", Narasaraopet as a part of Industrial visit on 20/12/2021.





Students from third year Visited "Sagar Cements Power Plant", Narasaraopet as a part of industrial visit on 03/11/2021.

Students from final year Visited "Vallabha Feeds Pvt Ltd", Narasaraopet as a part of Industrial visit on 22/12/2021.



Students from Second year Visited "MittapalliSpiners Pvt limited", Narasaraopet as a part of Industrial visit on 07/12/2021.



Students from second year Visited "Vallabha Feeds Pvt Ltd", Narasaraopet as a part of Industrial visit on 23/12/2021.





Students from third year Visited "Mahanandi Pipes Pvt Limited", Santhinagar Narasaraopet as a part of Industrial visit on 13/12/2021.

CAMPUS PLACEMENTS:

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

STUDENT NAME	COMPANY NAME	SALARY PACKAGE (Lakh per annum)
P.VAMSI KRISHNA KALLURI	SAVANTIS	2.25 LPA
M.GADA AVINASH	SAVANTIS	2.25 LPA
B.GOPI	WIPRO	3.5 LPA
CH. VENKATA LAKSHMI JANARDHAN	WIPRO	3.5 LPA
M.VENKATA SAI RAJESH	WIPRO	3.5 LPA
B.NARENDRA KISHORE REDDY	WIPRO	3.5 LPA
ANAND PAUL NAIK	WIPRO	3.5 LPA
SYED NURUDIN	INFOSYS	3,60,000. LPA
SAIPRAVEEN PAARI	TCS NINJA (NQT)	3,36,000 LPA
MALLIKARJUNA RAO PALLAPU	TCS NINJA (NQT)	3,36,000 LPA
SHAIK BAJI	TCS NINJA (NQT)	3,36,000 LPA
BODNA RAVI	TCS NINJA (NQT)	3,36,000 LPA
SHAIK SHAHUL	TCS NINJA (NQT)	3,36,000 LPA
ASHOK KUMAR DANDU	TCS NINJA (NQT)	3,36,000 LPA
JAVVAJI BHANU PRASAD	TCS NINJA (NQT)	3,36,000 LPA
KOIT REDDY SYAMALAA	TCS NINJA (NQT)	3,36,000 LPA
V.RAMA LINGESWARARAO	TCS NINJA (NQT)	3,36,000 LPA
SHAIK JOHN SAIDA	TCS NINJA (NQT)	3,36,000 LPA
CHANDU CHITTIPROLU	TCS NINJA (NQT)	3,36,000 LPA
AKBAR JANI SHAIK	TCS NINJA (NQT)	3,36,000 LPA
VENKATA BHASKAR DARLA	TCS NINJA (NQT)	3,36,000 LPA
PRAVEEN KUMAR NETTEM	TCS NINJA (NQT)	3,36,000 LPA
VENKATESH KANAGANI	TCS NINJA (NQT)	3,36,000 LPA
BUSI VIJAY SAI KUMAR	CAPGEMINI	3,00,000 LPA

ACADEMIC TOPPERS

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







ALUMNI VOICE:



G.Chandra Sekhar Reddy
15471A03F2
(2015 Batch)
Software Engineer,
Infosys, Hyderabad.

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.

STUDENT VOICE:



P.Pedda Raju
19475A0311
IV-B.Tech

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

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

Intelligent Sensor Turns Face Mask Into Smart Health Monitoring Device



The sensor in a face mask can monitor the wearer's, especially a health care professional's physical and emotional health. Medical workers including doctors and nurses often have to wear face masks for prolonged periods when attending to patients. Not only does it prevent them from any viral infections that a patient might carry, but also helps keep the hospital environment sterile. When working for extended hours with a face mask wrapped around the nose and mouth, the face can become numb. Any sudden deterioration in health could prove costly, both for the medical practitioners and the patient's life. A team of engineers at Northwestern University has developed a new smart sensor that can fit into face masks for measuring the user's real-time respiration rate, heart rate and mask wear time.

Dubbed as "FaceBit", this "Fitbit for the face" is a lightweight, small-sized sensor that uses a tiny magnet to attach to any N95, cloth or surgical face mask. "FaceBit" ensures that the N95 mask properly covers the face of a health care worker and there is no gap. If the mask becomes loose throughout the day or a bump is detected during an activity, then "FaceBit" alerts the wearer. "FaceBit provides the first step toward practical on-face sensing and inference, and provides a sustainable, convenient, comfortable option for general health monitoring for COVID-19 frontline workers. Thanks to its unique method of harnessing energy from the wearer's breathing, FaceBit's battery-free technology is sustainable and has a long life.

Intelligent Tactile Sensor That Measures Skin Sensations

The use of cutting-edge technology that mimicked human skin has made the development of this skin sensor with machine learning possible. Amorepacific in collaboration with the Ulsan National Institute of Science and Technology (UNIST) has developed an intelligent tactile sensor that can measure skin sensations by combining machine learning with measurement technology. By withstanding external pressure and staying intact, the ultra-thin flexible sensor can recognise and measure the temperature, moisture levels and the type of solution used on the skin surface.

Thanks to the efforts of Professor Ko Hyun-Hyub and his team at UNIST, the use of cutting-edge technology that mimicked human skin made the advancement possible. The new sensor will enable the development of fine tuned cosmetics and skin products, a sector in which Amorepacific is well known. Now, we are able to provide verified and reliable results by comparing the cool and warm sensations of cosmetics for evaluation. We will continue to further secure data using advanced technology and bring about innovations through research," said Park Young-Ho, Head of R&I Center at Amorepacific.

FACULTY FOCUS

Publications:

1. Mr. E. Narendra,Mrs. T Indira,Mr. A Raveendra Babu, Mr. V. Naveen Raja, "Comparative analysis of Full Subtractor using GDI and CMOS Logic", The International journal of analytical and experimental modal analysis, ISSN NO: 0886-9367, Volume XIII, Issue VIII, August/2021,p.p:2192-2196
2. Mr Amit Gupta,Mr. Bajid Vali ,Mr. K. Anjaneyulu,Mr. J. Narasimha Rao," CuO-doped SnO2 Sensor for H2S at 250 using ANN Technique", The International journal of analytical and experimental modal analysis, ISSN NO: 0886-9367, Volume XIII, Issue VIII, August/2021, p.p:2206-2211.
3. Mr. R. Samba Siva Nayak, Mr. A. V. Nageswara Rao,Mr. B. Raghavaiah, Mr. P. S. S. Chakravarthy," Enhancement And Improvement Of Aquaculture Using IOI", The International journal of analytical and experimental modal analysis, ISSN NO: 0886-9367, Volume XIII, Issue VIII, August/2021, p.p:2212-2215.
4. Mr. Venkata Rao,Mr. Sk.Zuber Basha , Mr. N. Srinivasa Rao, Mr. P. Bhagya Raju," Ocr Based Fastag Using Raspberry Pi", The International journal of analytical and experimental modal analysis, ISSN NO: 0886-9367, Volume XIII, Issue VIII, August/2021, p.p:2216-2219.
5. Mr. K. Raju,Mrs. B. Suneetha Mr. M. Srinivasa Rao,Mr. N. Rajeev Reddy," Real Time Home Surveillance System With Alert Mechanism Using Raspberry Pi", The International journal of analytical and experimental modal analysis, ISSN NO: 0886-9367, Volume XIII, Issue VIII, August/2021, p.p: 2220-2225.
6. Naraiah.R," Examination of the multiple-input multiple-output space-time block-code selective decode and forward relaying protocol over non-homogeneous fading channel conditions ",The Journal of Defense Modeling and Simulation (JDMS), Sept 2021, ISSN: 1548-5129, Volume I, September 18, 2021.

CONFERENCE PAPERS PUBLISHED

1. Dr. V.Venkata Rao, et.al, " Unmanned Petol Pump System Using Rfid Technology", International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021. Organized by Department of Electronics and Communication Engineering Narasaraopeta Engineering College, Narasaraopet, A.P, India.
2. P.Bhagya Raju, et.al, " Home automation usingDjango ", International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021. Organized by Department of Electronics and Communication Engineering Narasaraopeta Engineering College, Narasaraopet, A.P, India.
3. T.Indira, et.al, " Fingerprint Based Biometric Attendance System Using Arduino ", International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021. Organized by Department of Electronics and Communication Engineering Narasaraopeta Engineering College, Narasaraopet, A.P, India.
4. N.Srinivas Rao, et.al, " Accident Prevention Using IOT ", International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021. Organized by Department of Electronics and Communication Engineering Narasaraopeta Engineering College, Narasaraopet, A.P, India.
5. SkAreefa Begam, et.al, "Design of Robot based smart Disinfectant system using IOT technology ", International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021. Organized by Department of Electronics and Communication Engineering Narasaraopeta Engineering College, Narasaraopet, A.P, India.

6. Dr. Amit Gupta, et.al, " Simulation Of Parasitic Rectangular Patch Antenna Recessed Ground For Wideband Communication ", International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021. Organized by Department of Electronics and Communication Engineering Narasaraopeta Engineering College, Narasaraopet, A.P, India.
7. Dr. Amit Gupta,Anjaneyulu Katuru, et.al, " Various Toxic Gases Detection using their response and Recovery Times at different Temperatures by Machine Learning techniques ", International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021. Organized by Department of Electronics and Communication Engineering Narasaraopeta Engineering College, Narasaraopet, A.P, India.
8. Dr.Amit Gupta,"Comparision between rectangular micro strip Patch Antenna with and without defected ground structure at 1.85 GHz", International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021. Organized by Department of Electronics and Communication Engineering Narasaraopeta Engineering College, Narasaraopet, A.P, India.
9. Dr.Amit Gupta,"Machine Learning technology used for toxic liquid detection response and recovery time analysis", ICRESEARCH-2021 organized by Dept. of ECE & BME,AVIT Chennai on 4-5,June 2021.ISBN: 978-93-5473-898-2.
10. Dr.Amit Gupta,"Design CU-Doped SNO2 Thick Film Gas Sensor for Methonal using ANN Technique", International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021. Organized by Department of Electronics and Communication Engineering Narasaraopeta Engineering College, Narasaraopet, A.P, India.
11. P.S.S.Chakravarthi," Density Based Traffic Control System Using IoT", International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021. Organized by Department of Electronics and Communication Engineering Narasaraopeta Engineering College, Narasaraopet, A.P, India.
12. Naraiah .R , et.al, " IoT Based Smart Band Security System ", International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021. Organized by Department of Electronics and Communication Engineering Narasaraopeta Engineering College, Narasaraopet, A.P, India.
13. Dr.Sk.Bajid Vali, Sai Ram. Mamillapalli , Kalyan Kumar CH ," Smart Cold Storage system using IOT ", International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021. Organized by Department of Electronics and Communication Engineering Narasaraopeta Engineering College, Narasaraopet, A.P, India
14. J.Sravanthi, et.al, " Home Automation Using Iot With Google Assistant", International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021. Organized by Department of Electronics and Communication Engineering Narasaraopeta Engineering College, Narasaraopet, A.P, India.
15. J.Narasamha Rao, et.al, " IoT Based Dam Gate Control System ", International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021. Organized by Department of Electronics and Communication Engineering Narasaraopeta Engineering College, Narasaraopet, A.P, India.
16. B.Suneetha, et.al, " Iot Theft Detection And Alerting System Using Smtp", International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021. Organized by Department of Electronics and Communication Engineering Narasaraopeta Engineering College, Narasaraopet, A.P, India.
17. Dr.B.Raghavaiah, et.al, " 3d Hologram Displayed Using Iot", International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021. Organized by Department of Electronics and Communication Engineering Narasaraopeta Engineering College, Narasaraopet, A.P, India.
18. Ch.Adibabu , et.al, " Internet of Things (IoT) based Garbage Clearing system NodeMcu ", International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021. Organized by Department of Electronics and Communication Engineering Narasaraopeta Engineering College, Narasaraopet, A.P, India.
19. V.Naveen Raja , et.al, " Iot Based Baby Monitoring System For Smart Craddle ", International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021. Organized by Department of Electronics and Communication Engineering Narasaraopeta Engineering College, Narasaraopet, A.P, India.
20. A.ravindra Babu , et.al, " Study of Performance Comparison of Static and Dynamic Approximate Reverse Carry Propagate Full Adder Using CMOS Technology ", International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021. Organized by Department of Electronics and Communication Engineering Narasaraopeta Engineering College, Narasaraopet, A.P, India.
21. Asifa Sk. , et.al, " IOT Based Trash Management System In Smart Cities ", International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021. Organized by Department of Electronics and Communication Engineering Narasaraopeta Engineering College, Narasaraopet, A.P, India.
22. Sk. Afrin, B. Srinivasa Rao," Fingerprint based car ignition system", International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021. Organized by Department of Electronics and Communication Engineering Narasaraopeta Engineering College, Narasaraopet, A.P, India.
23. A.Gopi Krishna, Dr.R.Samba Siva Nayak," IOT Based Facial Recognition System For Home Security Using LPBH Algorithm ", International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021. Organized by Department of Electronics and Communication Engineering Narasaraopeta Engineering College, Narasaraopet, A.P, India.
24. M. Kiran, Dr.R.Samba Siva Nayak," SMART SENSOR NETWORK BASED ATM MANAGEMENT SYSTEM USING IOT", International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021. Organized by Department of Electronics and Communication Engineering Narasaraopeta Engineering College, Narasaraopet, A.P, India.
25. Y. Supraja, R.Naraiah, " IoT based smart band security system", International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021. Organized by Department of Electronics and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021. Organized by Department of Electronics and Communication Engineering Narasaraopeta Engineering College, Narasaraopet, A.P, India.
26. G.Prathyusha, Dr. K. ANJANEYULU," Simulation Of Parasitic Rectangular Patch Antenna Recessed Ground For Wideband Communication", International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021. Organized by Department of Electronics and Communication Engineering Narasaraopeta Engineering College, Narasaraopet, A.P, India.

29. Dr. K. ANJANEYULU, " Corner Defected UWB Antenna ", International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021. Organized by Department of Electronics and Communication Engineering Narasaraopeta Engineering College, Narasaraopet, A.P, India.

30. Dr.K.Raju," Design of the scalable low power 1-bit hybrid Full adder for fast computation", International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021. Organized by Department of Electronics and Communication Engineering Narasaraopeta Engineering College, Narasaraopet, A.P, India.

31. Dr.K.Raju," Modified Circular Patch for Ultra Wideband Applications ", AICTE sponsored 5th National Conference,NCKIETS-2021,Organized by Department of Electronics & Communication Engineering ,KKR&KSR Institute of Technology and Sciences,Guntur during 25th -27th August 2021.

32. N.Rajeev Reddy," Implementation of Data Transfer using Li-Fi Technology ", International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021. Organized by Department of Electronics and Communication Engineering Narasaraopeta Engineering College, Narasaraopet, A.P, India.

33. N.Rajeev Reddy." has participated International Conference on Green Technology & Sustainable Develo[pment", organized by Jagannath University,Jaipur on 24th July,2020

34. N.Rajeev Reddy,Dr. Vimala.T," Artificial Intelligence enhanced CT recognition of extra nodal extension,AICTE Sponsored ICECC-2020 on 20th & 21st,August,2020 organized by Tagore Engineering College, pp: 194 ISBN:978-81-947587-4-7

35. N.Rajeev Reddy,"Recognizing the Extranodal Extension Using Artificial Intelligence",National Conference STLICON-21 organized by the department pf ECE held on 17th and 18th May 2021.

36. N.Rajeev Reddy,Dr. Vimala.T," Artificial Intelligence enhanced CT recognition of extra nodal extension,AICTE Sponsored ICECC-2020 on 20th & 21st,August,2020 organized by Tagore Engineering College, pp: 194 ISBN:978-81-947587-4-7

37. Sk.Zuber Basha ," OCR Based FASTag using Rasberry Pi", International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021. Organized by Department of Electronics and Communication Engineering Narasaraopeta Engineering College, Narasaraopet, A.P, India.

38. Sk.Zuber Basha ," Waste Collecting Robot ",AICTE sponsored 5th National Conference,NCKIETS-2021,Organized by Department of Electronics & Communication Engineering ,KKR&KSR Institute of Technology and Sciences,Guntur during 25th -27th ugust 2021 Systems

39. Dr.Karuru Anjaneyulu," Modified Circular Patch for Ultra Wideband Applications ",AICTE sponsored 5th National Conference,NCKIETS-2021, Organized by Department of Electronics & Communication Engineering , KKR&KSR Institute of Technology and Sciences,Guntur during 25th -27th August 2021.

40. Dr.K.Raju," Covid-19 Chest X-Ray Image Enhancement Using Fuzzy Logic",AICTE sponsored 5th National Conference,NCKIETS-2021,Organized by Department of Electronics & Communication Engineering , KKR&KSR Institute of Technology and Sciences,Guntur during 25th -27th August 2021.

41. Dr.Amit Gupta," Comparision between rectangular micro strip Patch Antenna with and without defected ground structure at 1.85 GHz", ICRESEARCH-2021 organized by Dept. of ECE & BME,AVIT Chennai on 4-5,June 2021.ISBN: 978-93-5473-898-2.

42. Janaki Sravanthi,et.al, "Landmine Detection and Surveilance Robot using IoT", International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021. Organized by Department of Electronics and Communication Engineering Narasaraopeta Engineering College, Narasaraopet, A.P, India.

43. Dr.S Bajid Vali , " Unmanned Petol Pump System Using Rfid Technology ", National Conference on Sustainable Electronics and Applications (NC SCA-21) on 21st August, 2021. Organized by Department of Electronics and Communication Engineering,Annamacharya Institute of Technology& Sciences,Rajampet, A.P, India.

44. Dr.S Bajid Vali , " Smart Cold Storage System using IoT ", National Conference on Sustainable Electronics and Applications (NC SCA-21) on 21st August, 2021. Organized by Department of Electronics and Communication Engineering, Annamacharya Institute of Technology& Sciences,Rajampet, A.P, India

45. Dr.A.V.nageswara Rao, B.Srinivasa Rao, Sk.Zuber Basha" Smart Irrigation and Crop Analysis",AICTE sponsored 5th National Conference,NCKIETS-2021,Organized by Department of Electronics & Communication Engineering , KKR&KSR Institute of Technology and Sciences,Guntur during 25th -27th August 2021.

46. Dr.A.V.nageswara Rao, B.Srinivasa Rao"Waste Collecting Robot ",AICTE sponsored 5th National Conference,NCKIETS-2021,Organized by Department of Electronics & Communication Engineering ,KKR&KSR Institute of Technology and Sciences,Guntur during 25th -27th August 2021.

PLACEMENTS

S. No	Name of the Author(s)	Title of the Text Book	ISBN No	Publisher
1	Electronic Devices and Logic Design	N. Srinivasa Rao, Dr.V.Venkata Rao, Dr. K. Raju, A. Ravindra Babu	978-81-933688-2-2	Sun Techno Publications
2	Electronic Devices and Circuits	Dr. B. Raghavaiah, Dr. A.V. Nageswara Rao, B. Sumeetha	978-81-933688-3-9	Sun Techno Publications
3	Digital Image Processing	DR. R. Santhosava Nayak	978-620-4-19138-8	LAMBERT Academic Publishing
4	Digital Signal Processing	Dr. K. Raju, Dr. R. Santhosava Nayak	978-620-4-20108-5	LAMBERT Academic Publishing
5	Signals and Systems	Dr. K. Raju, Dr. R. Santhosava Nayak	978-620-4-20106-1	LAMBERT Academic Publishing
6	Electronic Devices and Circuits	Dr. B. Raghavaiah	978-620-2-08092-7	LAMBERT Academic Publishing

BRIEF INTRO ABOUT NEW FACULTY



Mr.Shaik.Masthan Sharif, Completed B. Tech (ECE) from Nimra Institute of Science & Technology (Affiliated to JNTUK,Kakinada), Ibrahimpatnam, Krishna Dist, Andhra Pradesh state in 2011, Completed M.Tech (VLSI & Embedded System Design) from GMR Institute of Technology (An Autonomous Institute Affiliated to JNTUK,Kakinada), Rajam,Srikakulam Dist, Andhra Pradesh state in 2015. He has 7 years of experience in teaching.



Mrs. Rajavali Guntur, Completed B.Tech (ECE) from St Ann's college of engineering and technology, chirala (Affiliated to JNTUK,Kakinada), Andhra Pradesh state in 2009, Completed M.Tech (DECS) from Sri sivani college of engineering, Srikakulam Affiliated to JNTUK, Kakinada), Andhra Pradesh state in 2012. She has 8 years of experience in teaching.



Mr.G.Sambasiva Rao Completed B.Tech (ECE) from Narasaraopeta Engineering College (Affiliated to JNTUK), Narasaraopet, Guntur Dist, Andhra Pradesh state in 2006, Completed M.Tech (Microwave Engineering) from University of Kerala, Trivandrum, Kerala in 2009. He has 12 years of experience in teaching.



Mr M.H.H.Sastry, Completed B.Tech (ECE) from K.S.R.M College of Engineering affiliated to Sri Venkateswara University, Tirupati in 1992, Completed M.Tech (Instrumentation and Control Systems) from J.N.T.U. College of Engineering ,Kakinada (Affiliated to JNTUH), Hyderabad in 2006. He has 27 years of experience in teaching.



Mr.B.Siva Nageswara Rao,B.Tech (ECE)from G.PullReddy Engineering college, Kurnool Andhra Pradesh affiliated to Sri Krishnadevaraya University,Ananthapur in 1996. M.Tech from Bharath University, Chennai in 2005 with specialization in VLSI Design. He has 18 years of Experience in Teaching.



Mr SHAIK MAHAMMAD GOUSE, Completed B.Tech (ECE) from SRI CHUMNDI RANGANAYAKULU ENGINEERING COLLEGE (Affiliated to JNTUK), GANAPAVARAM, GUNTUR Dist, Andhra Pradesh state in 2011, Completed M.Tech (ECE) from Sai Tiruma;la NVR Engineering College (Affiliated to JNTUK), Narasaraopet, A.P in 2016. He has 5 years of experience in teaching.

Student Focus

List of students completed NPTEL Certification

Sno	Roll Number	Name of the Student	Name of the Course	Type of certificate
1	19471A0482	A.Parameswara reddy	Digital Circuits	Successfully Completed
2	19471A0485	N.Naveen	Digital Circuits	
3	19471A04B3	T.Sa[illegible]ya	Digital Circuits	
4	19471A04B4	B.Vamsi krishna	Digital Circuits	
5	19471A0484	A.K Lakshman kumar	Digital Circuits	
6	19471A0489	M.Nithin Reddy	Digital Circuits	
7	19471A0499	P.Vasavi	Digital Circuits	
8	19471A04A0	A.R.Rajyalakshmi	Digital Circuits	
9	19471A04B0	Sk.Tanveer suhreen	Digital Circuits	
10	19471A0458	V.Deepthi	Digital Circuits	
11	19471A0408	Ch.Amareswari	Digital Circuits	
12	19471A0405	Ch.V.S.Naveen kumar	Digital Circuits	
13	19471A0496	N.Naveen kumar	Digital Circuits	
14	19471A0423	K.Chanda	Digital Circuits	
15	19471A0488	P.V.Subhramanya chari	Digital Circuits	
16	19471A0421	G.Vijaya lakshmi	Digital Circuits	
17	19471A0454	T.Hanchandana	Digital Circuits	
18	19471A0426	I.Venkata bhargav	Design for Internet of Things	
19	19471A0408	B.Archyuth	Design for Internet of Things	
20	19471A0400	V.Naveena	Design for Internet of Things	
21	19471A0402	M.Pavan kumar	Design for Internet of Things	
22	20471A0408	N.Jagadeesh	Design for Internet of Things	
23	19471A04E5	J.Venugopala chari	Design for Internet of Things	
24	19471A0427	B.Chandrasevi	Design for Internet of Things	
25	19471A0407	Ch.Srinivasa Rao	Digital Circuits	

Poster Presentations by our students for symposium organized by IEEE-SBC(IES).

S.N	Name of The Student	Class	Date(s)	Organizer(s)
1	Sk.Paraveen	B.Tech-ECE	19th Nov 2021	NEC (Autonomous) Narasaraopet
2	B.Vyshnavi	B.Tech-ECE		
3	P.Nikhila	B.Tech-ECE		
4	Sk.Sajida	B.Tech-ECE		
5	J.Sunil	B.Tech-ECE		

Student Achievements other than NEC

S.N	Name of The Student	Name of The Symposium	Title Of event	Date(s)	Organizer(s)
1	P.D.S.Sruthi	NITECH-'21	Quiz	18th Dec 2021	NIT Dept of CSE Narasaraopet
2	K.Karthik	NITECH-'21	Paper Presentation	18th Dec 2021	NIT Dept of CSE Narasaraopet
3	K.Karthik	NITECH-'21	Coding	18th Dec 2021	NIT Dept of CSE Narasaraopet
4	K.Tanvanthsai ram	VPAVVIT	Scavenge hunt	21st and 22nd Dec 2021	VVIT Nambur
5	K.Tanvanthsai ram	VPAVVIT	Anubhavika aaradhanam	21st and 22nd Dec 2021	VVIT Nambur

Student Achievements in Sports and Games

S. N	Name of The Student	Name of The Program	Venue	Date(s)	Prize if any
1	A.Ramesh	Shooting Ball	C.V.L Kalavedhika Srikakulam	27th -29th Nov 2021	Second
2	A.Ramesh	Volley Ball	Eswar college of engineering Narasaraopet	23rd and 24th Dec 2021	First
3	I.Siva nageswara rao	Volley Ball	Eswar college of engineering Narasaraopet	23rd and 24th Dec 2021	First
4	M.Prasanth	Volley Ball	Eswar college of engineering Narasaraopet	23rd and 24th Dec 2021	First
5	M.Sravan kumar	Volley Ball	Eswar college of engineering Narasaraopet	23rd and 24th Dec 2021	First
6	Bala krishna	Shootput	Eswar college of engineering Narasaraopet	23rd and 24th Dec2021	First
7	A.Ramesh	Volley Ball	VVIT Namburu	21st and 22nd Dec 2021	Participation
8	Bala krishna	Shootput	VVIT Namburu	21st and 22nd Dec 2021	Participation
9	k.venkata sasi kanth	Running	VVIT Namburu	21st and 22nd Dec 2021	Participation
10	I.Siva nageswara rao	Volley Ball	VVIT Namburu	21st and 22nd Dec 2021	Participation
11	M.Prasanth	Volley Ball	VVIT Namburu	21st and 22nd Dec 2021	Participation
12	M.Sravan kumar	Volley Ball	VVIT Namburu	21st and 22nd Dec 2021	Participation
13	J.Manohar Devender	Shootput	VVIT Namburu	21st and 22nd Dec 2021	Participation

Academic Toppers



I B.Tech.II Semester-ECE Toppers



II B.Tech.II Semester-ECE Toppers



III B.Tech.II Semester-ECE Toppers

Alumni Voice:

Life is about making choice. I consider myself extremely fortunate that I made the choice to study at NEC and tutored by professional who not only taught by the book but also shred real world experiences. NEC has always encourage innovation, and innovation alone has played an integral role in the establishment and growth of my career. This institution has nurtured me into become who I am today and I hope it continue to produce more leaders, innovators and change agents in the days ahead.



KODURU KASI VISWANATH
16471A04C8
Assistant System Engineer Trainee
Tata Consultancy Services
Bangalore
2016-20

Student's Voice

Narasaraopet Engineering College is one of most renowned and prestigious institute in this region. It has made astonishing studies in the field of education, particularly higher and professional education. It has extremely dedicated, highly motivated, experienced and qualified faculty members.

It is a privilege to be a part of this institution since it has provided several well-trained Engineers to the fast-growing technical industry. It not only aims for excellent education but also provides a platform for the students to showcase their talents in a variety of fields. This way the students are not only educated but also are competent to face any problem by overall growth to boost up the economy of the country in particular.

To sum up it is a college which makes a student grow emotionally as well as professionally .I am a second year student right now and have not regretted a day in this college and this strengthens my belief that my final year will also be filled up with all new experiences and supports from college mates as well as college faculties.



KAMATHAM VENKATA MAHESWARI
21475A0409
II ECE

Department Activities

MOU's Signed:

S. N	Organization Name	Date	Period	Nature of MOU
1	Vectra Technosoft Pvt. Ltd, CHENNAI, Tamil Nadu	30-08-2021	3 years	Industrial Training & Visits, Internship & Placements to students, R&D, Guest Lectures, FDPs, Skill Development
2	AGIIT (AXIS Global Institute of Industrial Training . Hyderabad	30-08-2021	3 years	Skill Development Programs
3	Falcon IT Training & Educational Services LLP, Hyderabad	30-08-2021	3 years	R&D, FDPs

Number of professional development / administrative training programs organized

S N	Name of the Training Programme/Seminar/	Name of the Resource Person	Dates of the Event
1	Interaction Program with III-IECE Students	Alumni V. Bhargavi (15471A0474	28-9-2021
2	Interaction Program with IV-I ECE Students	Alumni M. Pradeep (15471A0422) Software Engineer	28-9-2021
3	Webinar on IOT Technical Session-1 on IoT, e-Yantra Team IIT Bombay	e-Yantra Team Faculty and students of ECE attended	1-10-2021
4	Webinar on System On Chip & Network on Chip	Dr. B K N Srinivasarao NIT Warangal	7-10-2021
5	LIFE CLUB Interaction Session	Alumni Avinash & Anil	9-10-2021
6	Guest Lecture for Faculty on "5G Wireless technology"	Dr Sita devi Bharathula Assistant Professor ECE Department Amrita School of Engineering, Chennai.	13-10-2021
7	LIFE CLUB Group Discussions	R. Shanamuka Venkatesh and Organizers	23-10-2021
8	Webinar on Career Opportunities for ECE students	Y. Srivasthava Software Developer, Siemens Healthcare, Banglore	01-11-2021
9	Interaction Program with II-IECE-A Students	Alumni S.SriVarshini (15471A04C8) Associate Technology, Deloitte Saplent, Bangalore	6-11-2021
10	Interaction Program with II-I ECE-B Students	Alumni P. Khayyum Khan (15471A0485) Associate Technology, Deloitte Saplent, Bangalore	6-11-2021
11	LIFE CLUB session is about Technical games and quiz	A.Rishita and Organizers	11-11-2021
12	LIFE CLUB activity about JAM and making students to develop their quick responses	K. Navya Harika and Organizers	12-11-2021
13	Webinar on "Application of Thin-film transistors in the Transparent and Flexible electronics" in association with NEC IEEE SB	Dr. Shashikant Dargar Asso. Prof Senior IEEE member	19-11-2021
14	Webinar on Women Empowerment in Engineering	Dr Sarada Allamsetti, Professor in English, Department of S&H, VFSTR, Deemed to be University, Guntur, Andhra Pradesh	22-09-2021
15	Webinar on Application of Thin-film transistors in the Transparent and Flexible Electronics	Dr. ISHAIKANT D Associate Professor, Department of Electronic Engineering, Kalasalingam University (KARE), Tamilnadu.	19-11-2021



Interaction Program with III-I B.Tech students
By Passed Out Student Likkitha(16471A05L5)

Interaction Program with III-I B.Tech students By Passed Out Student Akhila (17471A0574)





Interaction Program with III-I B.Tech students By Passed Out Student Sk.Afrin (17471A04J6)

Interaction Program with III-I B.Tech students By Passed Out Student Tejaswini (17471A04J3)





ISTE Quiz Competition

ISTE Quiz Competition





Workshop on Embedded Systems

Life club session



Hands on Workshop Internet of Things



R&D Inspection





CRC Meeting

International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21)
23rd & 24th July, 2021.Organized by Department of Electronics and Communication Engineering, Narasaraopeta Engineering College (AUTONOMOUS), Narasaraopet, A.P, India.

KEY NOTE ADDRESS	
Dr. Sandeep Poddar, Deputy Vice Chancellor Research and Innovation, Lincoln University College, Malaysia.	Dr.M. Surya Prakash, Asst. Professor, Dept. of ECE, NIT Calicut, Kerala





List of APSSDC Programs Conducted:

S.N.	Name of the Programme	Dates	Participants
1	A Two-week workshop on Embedded Systems In association with APSSDC	15-11-21 to 27-11-21	II-I ECE-A 55
2	A Two-week workshop on Internet of Things In association with APSSDC	15-11-21 to 27-11-21	II-I ECE-B 55

Placement Training Program Details:

Name of the Programme	Organized by/ Resource Person(s)	Date(s)	No. of beneficiaries
Campus Recruitment Training	Bytes1 Team Ms. Ayusha (Reasoning) Mr. Srikanth (English) Mr. Rahul (Aptitude) Mahesh Kuruma (Technical) Satish Yedulapally (Technical) Chaitanya Lingamaneni (HR)	31-07-21 To 07-08-21	II B.Tech.
TCS Specific Training		05-08-21 To 09-08-21	IV B.Tech.
TCS Specific Training		31-08-21 To 11-09-21	IV B.Tech.
Campus Recruitment Training		22-09-21 To 29-09-21	III B.Tech.
Wipro Specific Training		23-09-21 To 30-09-21	IV B.Tech.
Hexaware Specific Training		30-09-21 To 06-10-21	IV B.Tech.
Campus Recruitment Training		20-10-21 To 30-10-21	III B.Tech.
Campus Recruitment Training		27-12-21 To 11-01-22	III B.Tech.
Campus Recruitment Training		27-12-21 To 11-01-22	IV B.Tech.

IEEE Student Chapter (STB61021)

A total of 56 members registered in IEEE Student Chapter in order to participate in various events conducted under IEEE banner.

S. N.	Name of the Programme	Resource Person	Dates	No.of Participants
1	Webinar on "Application of Thin-film transistors in the Transparent and Flexible electronics" in association with NEC IEEE SB	Dr. Shashikant Dargar Assc. Prof Senior IEEE member	16-11-2021	III-I ECE-C-58
2	Volunteering Engagement through IEEE and its Opportunities	Mr.Mahesh Sai Prashanth, Student Chapter Representative at IEEE Computer Society Hyderabad Chapter	14-08-2021	50

IEEE Student Chapter (STB61021)

A total of 156 student members registered in IETE in order to participate in various events conducted under IETE Students Forum (ISF) banner.

S. N.	Name of the Programme	Resource Person	Dates	No.of Participants
1	1 Day Hands-on Workshop on IoT	Invicta Team, Gachibowli, Hyderabad, Telangana 500032	29.11.2021	120

List of ISTE Programs Conducted:

A total of 200 student members registered in ISTE in order to participate in various events conducted under ISTE banner.

S. N.	Name of the Programme	Resource Person	Dates	No.of Participants
1	ISTE Quiz Competition	-	27.12.2021	102 students

Vision

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

Mission

The Department of Computer Science and Engineering is committed:

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

Modern Trends in Technology:

Intelligent Sensor Turns Face Mask Into Smart Health Monitoring Device

The sensor in a face mask can monitor the wearer's, especially a health care professional's physical and emotional health. Medical workers including doctors and nurses often have to wear face masks for prolonged periods when attending to patients. Not only does it prevent them from any viral infections that a patient might carry, but also helps keep the hospital environment sterile. When working for extended hours with a face mask wrapped around the nose and mouth, the face can become numb. Any sudden deterioration in health could prove costly, both for the medical practitioners and the patient's life. A team of engineers at Northwestern University has developed a new smart sensor that can fit into face masks for measuring the user's real-time respiration rate, heart rate and mask wear time.

Dubbed as "FaceBit", this "Fitbit for the face" is a lightweight, small-sized sensor that uses a tiny magnet to attach to any N95, cloth or surgical face mask. "FaceBit" ensures that the N95 mask properly covers the face of a health care worker and there is no gap. If the mask becomes loose throughout the day or a bump is detected during an activity, then "FaceBit" alerts the wearer. "FaceBit provides the first step toward practical on-face sensing and inference, and provides a sustainable, convenient, comfortable option for general health monitoring for COVID-19 frontline workers. Thanks to its unique method of harnessing energy from the wearer's breathing, FaceBit's battery-free technology is sustainable and has a long life.

Intelligent Tactile Sensor That Measures Skin Sensations:

The use of cutting-e dge technology that mimicked human skin has made the development of this skin sensor with machine learning possible. Amorepacific in collaboration with the Ulsan National Institute of Science and Technology (UNIST) has developed an intelligent tactile sensor that can measure skin sensations by combining machine learning with measurement technology. By withstanding external pressure and staying intact, the ultra-thin flexible sensor can recognise and measure the temperature, moisture levels and the type of solution used on the skin surface.

Thanks to the efforts of Professor Ko Hyun-Hyub and his team at UNIST, the use of cutting-edge technology that mimicked human skin made the advancement possible. The new sensor will enable the development of fine tuned cosmetics and skin products, a sector in which Amorepacific is well known. Now, we are able to provide verified and reliable results by comparing the cool and warm sensations of cosmetics for evaluation. We will continue to further secure data using advanced technology and bring about innovations through research," said Park Young-Ho, Head of R&I Center at Amorepacific.

Faculty focus:

Publications:

1. Dr.S.V.N. Srinivasu" Machine Learning Based Monitoring System With IoT Using Wearable Sensors And Pre-Convoluted Fast Recurrent Neural Networks(P-FRNN)" IEEE SENSORS JOURNAL, VOL. 21, NO. 22, NOVEMBER 15, 2021 [SCI]

2. Dr.S.N.TirumalaRao" Automated assessment for Alzheimer's disease diagnosis from MRI images: Meta heuristic assisted deep learning model" International Journal of Imaging Systems and Technology,03 September 2021, https://scholar.google.com/citations?view_op=view_citation&hl=en&user=jgEedUIAAAAJ&citationfor_view=jgEedUIAAAAJ:HDshCWvjkbEC [SCI-E and Scopus]

3. Dr.S.V.N. Srinivasu" A Distributed Data Processing Platform over Metecrological Big Data Using Mapreduce" Design Engineering , Vol 2021: Issue 05 http://thedesignengineering.com/index.php/DE/article/ view/1866 [Scopus]

4. Dr.S.V.N. Srinivasu" Political partitipation through artificial intelligence", Linguistica Antverpiensia, ISSN:2295-5739https://www.hivt.be/linguistica/article/view/475 [Scopus]

5. Dr. M.Venkat Reddy" Document Clustering Approach Using R Programming with Feedback Data, International Journal of Psychosocial Rehabilitation, ISSN:1475-7192 Volume 24 - Issue 4 [Scopus]

6. Dr.S.N.Trumala Rao" Alzheimer's disease Prediction via Optimized Deep Learning Framework ICACECS", International Conference on Advances in Computer Engineering and Communication Systems

7. K.V.Narasimha Reddy" Stock Market Data Inspection and Feature Stock Prediction using NN", International Journal Of Engineering Research & Technology, ISSN: 2278-0181 ,Issue 2021,https://www.ijert.org/research/stock-market-data-inspection-and-future-stock-prediction-using-nn-IJERTCONV9IS05033.pdf [UGC]

8. M.Sireesha" ECG based Decision Support system for Clinical Management using Machine Learning Techniques" Material Science and Engineering, 1085 (2021) 012016 doi:10.1088/1757-899X/1085/1/012016 [UGC]

Conference papers published

1. Dr. G. L. N. Jayaprada ,"Heart Disease Prediction Using Machine Learning", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 Paper ID:NECICAIEA047, Proceedings with ISBN:978-81-952677-3-6.

2. Dr.T.V.Sai Krishna, "Children Speech Recognition Using Machine Learning Methodologies",International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 Paper ID:NECICAIEA014, Proceedings with ISBN:978-81-952677-3-6.

3. K.V.Narasimha Reddy, "An Interactive Study Of Thyroid Disease Prediction Using Machine Learning", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 Paper ID: NECICAIEA005, Proceedings with ISBN:978-81-952677-3-6.

4. Dr.S.V.N. Srinivasu" A Distributed Data Processing Platform over Meteorological Big Data Using Mapreduce" Design Engineering , Vol 2021: Issue 05 http://thedesignengineering.com/index.php/DE/article/view/1866 [Scopus]

5. Dr.S.V.N. Srinivasu" Political partitipation through artificial intelligence", Linguistica Antverpiensia, ISSN:2295-5739https://www.hivt.be/linguistica/article/view/475 [Scopus]

6. Dr. M.Venkat Reddy" Document Clustering Approach Using R Programming with Feedback Data, International Journal of Psychosocial Rehabilitation, ISSN:1475-7192 Volume 24 - Issue 4 [Scopus]

7. V. Mahesh Babu, "A Machine Learning Framework For Prediction Of Heart Disease", International Conference on Artificial Intelligence and Its Emerging Areas [NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 Paper ID:NECICAIEA002, Proceedings with ISBN:978-81-952677-3-6.

8. V. Mahesh Babu, "Autoregressive Integrated Moving Average Model For Prediction Of Crypto Currency", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 Paper ID:NECICAIEA006, Proceedings with ISBN:978-81-952677-3-6.

9. P.Lakshmi Narayana, "Cartoonize Image Using Deep Learning", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 Paper ID: NECICAIEA012, Proceedings with ISBN:978-81-952677-3-6.

10. Dr. S.V.N.Srinivasu, "Detection Of Online Public Shaming With Offensive Content On Twitter", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 Paper ID:NECICAIEA024, Proceedings with ISBN:978-81-952677-3-6.

11. V. Mahesh Babu, "Detection Of Phishing Attacks Using Natural Language Processing And Logistic Regression Model", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 Paper ID: NECICAIEA025, Proceedings with ISBN:978-81-952677-3-6.

12. Dr. S.V.N. Srinivasu, "Detection Of Social Network Mental Disorders Through Mining Of Online Social Media", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 Paper ID:NECICAIEA026, Proceedings with ISBN: 978-81-952677-3-6.

13. Dr. S V N Sreenivasu, " ECG Classification With Convolutional Neural Networks", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 Paper ID:NECICAIEA033, Proceedings with ISBN:978-81-952677-3-6.

14. Dr.Gudapati Syam Prasad, " Face,Age And Gender Recogntion System Based on Deep Neural Networks", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 Paper ID:NECICAIEA037, Proceedings with ISBN: 978-81-952677-3-6.

15. Dr. S. Siva Nageswara Rao, " Facial Expression Recognition With Convolutional Neural Networks", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 Paper ID:NECICAIEA038, Proceedings with ISBN:978-81-952677-3-6.

16. Mr.Sk.K.M.Basha, "Fake Currency Detection", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 Paper ID:NECICAIEA039, Proceedings with ISBN:978-81-952677-3-6.

17. Dr. S.V.N.Srinivasu, "Implementation Of Video Steganography Cryptography System For IOT Based Cloud Computing Security", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 Paper ID:NECICAIEA052, Proceedings with ISBN:978-81-952677-3-6.

18. Shaik Khaja Mohiddin Basha, "Sensile Soil Analyzing Application", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 Paper ID:NECICAIEA083, Proceedings with ISBN:978-81-952677-3-6.

19. Shaik Rafi, "Sentiment Analysis Of Movie Reviews Using ML", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 Paper ID:NECICAIEA084, Proceedings with ISBN: 978-81-952677-3-6.

20. B.Jhansi Vazram, "Stock Value Prediction Using Regression", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 Paper ID:NECICAIEA089, Proceedings with ISBN: 978-81-952677-3-6.

21. Dr. S.V.N. Srinivasu, "Supervised Learning For Fraud And Malware Detection From Android Applications", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021, Proceedings with ISBN:978-81-952677-3-6..

22. Shaik Rafi,"Summarized Reviews with Attention Mechanism using LSTM", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 , Proceedings with ISBN:978-81-952677-3-6.

23. Dr.Gudapati Syam Prasad, "Clarification of Webbing through Cloud Computing Technologies", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021, Proceedings with ISBN:978-81-952677-3-6.

24. Dr.K. LakshmiNadh, "Prediction of Covid Readmissions using Machine Learning", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 , Proceedings with ISBN:978-81-952677-3-6.

25. Dr.T.V.Sai Krishna," Network Coding Techniques to store the Data Securely in Cloud", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 , Proceedings with ISBN:978-81-952677-3-6.

26. Ch.Anil," Lung Cancer Prediction using Machine Learning Methods", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 , Proceedings with ISBN:978-81-952677-3-6.

27. Sk.Khaja Mohiddin Basha, "Liver Disease Prediction Application – Machine Learning Methods", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 , Proceedings with ISBN:978-81-952677-3-6.

28. Ch.Anil, "Inform Me-Family GPD Locator", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 , Proceedings with ISBN:978-81-952677-3-6.

29. U.Vijay Kumar,"Weather Prediction using Machine Learning", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 , Proceedings with ISBN:978-81-952677-3-6.

30. M.Sireesha,"Image captioning using Deep Learning", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 , Proceedings with ISBN:978-81-952677-3-6.

31. Ch.Anil, "Generic Recommendation Engine using Hybrid Filtering Model", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 , Proceedings with ISBN:978-81-952677-3-6.

32. Dr.S V N.Srinivasu, "Predicting the survival of patients with Heart Failure- Machine Learning Methods", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 , Proceedings with ISBN:978-81-952677-3-6.

33. K.Gnanendra, " Next Word Prediction using Recurrent Neural Networks", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 , Proceedings with ISBN:978-81-952677-3-6.

34. Dr.S.N.Tirumala Rao,"Estimation of Population Analysis using Machine Learning", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 , Proceedings with ISBN:978-81-952677-3-6.

35. G.Lakshmi Narayana, "Diabetes Prediction using Machine Learning Techniques", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 , Proceedings with ISBN:978-81-952677-3-6.

36. K.V.NarasimhaReddy,"Predictions in Healthy Population through Machine Learning", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 , Proceedings with ISBN:978-81-952677-3-6.

37. P.Lakshmi Narayana, "Forest fires detection using Machine Learning Algorithms", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 , Proceedings with ISBN:978-81-952677-3-6.

38. O.Aruna, "Fake News Detection Application-Machine Learning Techniques", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 , Proceedings with ISBN:978-81-952677-3-6.

39. B.SivaKanakaRaju, " Calories Burned Prediction using Machine Learning Techniques", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 , Proceedings with ISBN:978-81-952677-3-6.

40. K.Arun, "Data Preprocessing for Efficient Prediction in Customer Relationship Managent", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 , Proceedings with ISBN:978-81-952677-3-6.

41. Dr.G.L.N. JayaPrada, "BigMart Sales Prediction using Machine Learning Models", International Conference on Artificial Intelligence and Its Emerging Areas[NECAIEA2K21] Organised by Department of CSE, Narasaraopeta Engineering College during 16th and 17th July 2021 , Proceedings with ISBN:978-81-952677-3-6.

Brief Intro about new faculty



Mr. Mohammedjany shaik, Completed MCA manair college of computer science from 2005. M.tech ADAMS engineering college in 2014. PhD pursuing kl University,Guntur, Andhra Pradesh. He has 8 years of experience in teaching



Mr. Ramesh Babu, Completed B.Tech (CSE) from Newton's institute of engineering and technology, chirala (Affiliated to JNTUK,Kakinada), Andhra Pradesh state in 2005, Completed M.Tech (CSE) from swarnandhra college of engineering and technology. Pursuing Ph.D in Computer Science and Engineering from Acharya Nagarjuna University, Guntur. He has 9 years of experience in teaching.



Mr. Dodda Venkata Reddy Completed B.TECH(IT) from KITS, markapur College, Andhra Pradesh state in 2014, Completed M.Tech (CSE) from IITS, MARKAPUR in 2016. He has 7 years of experience in teaching.



Mr.Jaya Prakash Koyyalamudi , completed MCA in 2009 from Osmania university, completed M.Tech in 2014 from NIET affiliated to JNTUK and has 10years of Teaching experience.



Mr.Srinadh, MCA from JKC in 2007.M.Tech from Nalanda Intitution of Technology in 2013.He has 13 years of Experience in Teaching.



Mr.D.SrinivasaRao MCA from JKC in 2007.M.Tech from Nalanda Intitution of Technology in 2013.He has 12 years of Experience in Teaching.

Poster Presentations by our students for symposium organized by IEEE-SBC(IES)

S. N	Name of The Student	Class	Date(s)	Organizer(s)
1	S.Akshay Kumar	B.Tech-CSE	18th Dce 2021	NIT,Narasaraopet

Student Achievements in Sports and Games

S. N	Name of The Student	Name of The Program	Venue	Date(s)	Prize if any
1	Y.Lavanya Lahari	Shooting Ball	JNTUK	27th -29th Nov 2021	First
2	Y.Lavanya Lahari	Volley Ball	JNTUK	3rd Dec 2021	

Text Books/Chapters Published:

S.N.	Name of the Faculty	Book Publications with respective specialization	Name of the Publisher	ISBN
1	Dr S.N.Tirumala Rao,	Linux Programming	M/s Sri Krishna Techno Books	978-81-939939-60-7
2	Dr S.N.Tirumala Rao,	Problem Solving using 'C'	M/s Sumeet International Book Publishers	978-81-953920-3-2
3	Dr S.N.Tirumala Rao,	Data Security and Privacy preserving Mechanisms in Networks	LAP LAMBERT Academic Publishing	978-620-2-88182-9
4	Dr.B.Rama Varma,	Problem Solving using Python	M/s Spectrum University Press	978-81-948787-1-1
5	Dr S.V.N.Sreenivasu,	Problem Solving using 'C'	M/s Sumeet International Book Publishers	978-81-953920-3-2
6	Dr S.V.N.Sreenivasu,	CSE IT Workshop	M/s S International Publishers	978-81-932679-0-3
7	Dr S.V.N.Sreenivasu,	Machine learning and Soft Computing	ABC BOOK SERIES Vol 1280	978-981-15-05-55-8
8	Dr S.V.N.Sreenivasu,	Showing Cloud Computing Technology	InSc International Publishers (SP)	978-1-954010-83-3
9	Dr K Lakshmisudh	Problem Solving using Python	Spectrum University Press	978-81-948787-1-1
10	Dr K.Lakshmisudh	CSE IT Workshop	M/s S International Publishers	978-81-932679-0-3
11	Dr K.LakshmiNatha,	Linux Programming	M/s Sri Krishna Techno Books	978-81-93939-60-7
12	Dr I.Siva Nageswara Rao,	Problem Solving using 'C'	M/s Sumeet International Book Publishers	978-81-953920-3-2
13	Dr M.Venkata Reddy,	Problem Solving using 'C'	M/s Sumeet International Book Publishers	978-81-953920-3-2
14	G.L.N. Jayaprada	Sequence Alignment By Modified Teaching Learning Based Optimization Algorithm (MLTLBO)	Springer	978-981-15-7960-8
15	K.Nitishkishoresridhar	3D Printing and its Applications	LAP LAMBERT Academic Publishing	978-620-3-3-0967-1
16	K.V.Narasimha Reddy	CSE IT Workshop	M/s S International Publishers	978-81-932679-0-3
17	Mr B.Siva Kumaraya	Linux Programming	M/sSriKrishnaTechno Books	978-93-93939-60-7
18	Mr M.Rafi	Problem Solving using Python	M/s Spectrum University Press	978-81-948787-1-1
19	G.Aruna	An Adaptive and Opportunistic based Routing Protocol in Flying Ad hoc Networks	Springer	978-3-030-43591-4
20	Mr K.Gnandev.	Linux Programming	M/s Sri Krishna Techno Books	978-93-93939-60-7
21	P.Ramadevi	CSE IT Workshop	M/s S International Publishers	978-81-932679-0-3
22	Dr G.Syam Prasad	Data Structures using 'C'	M/s Seven Hills International Publishers	978-81-932679-8-6
23	Mr Y.Suresh	Data Structures using 'C'	M/s Seven Hills International Publishers	978-81-932679-8-6
24	Mr B.Dilip	Data Structures using 'C'	M/s Seven Hills International Publishers	978-81-932679-8-6

Student Achievements in Sports and Games

S. N	Name of The Student	Name of The Program	Venue	Date(s)	Prize if any
1	Y.Lavanya Lahari	Shooting Ball	JNTUK	27th -29th Nov 2021	First
2	Y.Lavanya Lahari	Volley Ball	JNTUK	3rd Dec 2021	

Student Focus

List of students completed NPTEL Certification

S.n	Roll Number	Name of the Student	Name of the Course
1	18471A05C8	Ch.bavya sri	Programming in java
2	18471a05D9	G.venkatagopi	introduction to machine learning
3	18471A05E7	K.srivalli	introduction to machine learning
4	18471A05E8	K.Sivakoteswar rao	1.aws s3 basics 2.ai for evey one
5	18471A05F2	M.Vnss lakshmi lokesh	1.programming data strucures and algorithms using python
6	18471A05G0	P.Manikanta	Joy of computing using python
7	18471A05G3	P.Gayathri	Design analysis of algorithms
8	18471A05H1	Sk.madina sahil basha	1.programming data strucures and algorithms using python
9	18471A05H2	Sk.Md.Harshad	Cloud computing
10	18471A0571	G.Rajesh	Data base management system
11	18471A0574	J.JAYASREE	PROGRAMMING IN JAVA
12	18471A0579	K.Sasikala	1.introduction to machine learning 2.problem solving through programming in c
13	18471A0584	M.moobina	1.the joy of computing using python
14	18471A0588	M.RUCHITHA	1.THE JOY OF COMPUTING USING PYTHON
15	18471A0598	P.Mehziya	1.the joy of computing using python
16	18471A05A2	T.Jyothi chandrika	1.introduction to machine learning
17	18471A05B7	V.Sai naga jyothi	1.The joy of computing using python
18	18471A0503	A.Jaya sai kiran	1.programming, data structures and algorithms using python
19	18471A0507	S.Chandolu	Database management system
20	18471A0510	D.C.V.Sai Teja	1.Programming, Data Structures And Algorithms Using Python
21	18471A0515	J.Yamini sai Lakshmi	1.Programming, Data Structures And Algorithms Using Python
22	18471A0516	K.p v lakshmi narasimha	1.theroy of compution
23	18471A0529	Talanki venkatajhansisupriya	Programming,data structures and algorithems using python
24	18471A0530	M.sai kumar	Programming,data structures and algorithems using python
25	18471A0541	P.irfan khan	Programming,data structures and algorithems using python

Academic Toppers



IV B.Tech.II Semester-CSE Toppers



III B.Tech.II Semester-CSE Toppers



II B.Tech.II Semester-CSE Toppers



I B.Tech.II Semester-CSE Toppers

Alumni Voice:

Life is about making choice. I consider myself extremely fortunate that I made the choice to study at NEC and tutored by professional who not only taught by the book but also shred real world experiences. NEC has always encourage innovation, and innovation alone has played an integral role in the establishment and growth of my career. This institution has nurtured me into become who I am today and I hope it continue to produce more leaders, innovators and change agents in the days ahead.



P. Nikhil (15471A05M2)
System Engineer, Tata Consultancy Services, Banglore

Student's Voice

Narasaraopeta Engineering College is one of most renowned and prestigious institute in this region. It has made astonishing studies in the field of education, particularly higher and professional education. It has extremely dedicated, highly motivated, experienced and qualified faculty members.

It is a privilege to be a part of this institution since it has provided several well-trained Engineers to the fast-growing technical industry. It not only aims for excellent education but also provides a platform for the students to showcase their talents in a variety of fields. This way the students are not only educated but also are competent to face any problem by overall growth to boost up the economy of the country in particular.

To sum up it is a college which makes a student grow emotionally as well as professionally .I am a second year student right now and have not regretted a day in this college and this strengthens my belief that my final year will also be filled up with all new experiences and supports from college mates as well as college faculties.



AKULA AKHILA
20471A0502 (I CSE)



Interaction Program with III-I B.Tech students By Passed Out Student Likkitha(16471A05L5)



Interaction Program with III-I B.Tech students By Passed Out Student Akhila (17471A0574)

Department Activities

MOU's Signed:

SNO	DATE	AGREEMENT WITH	VALIDITY	NATURE OF MOU
1	23-11-2021	BLUE PRISM	3 YEARS	Skill development.
2	24-11-2021	Edu Skills	3 YEARS	IT Education.
3	24-11-2021	Linoysha &Thevan sw technology Pvt Ltd	2 YEARS	Internships.
4	30-08-2021	Vectra Techno soft Pvt Ltd	NO TIME BOUND	Skill based Training and Placements
5	12-08-2021	ICT ACADEMY	NO TIME BOUND	Skill up-gradation of faculty by providing training, students by imparting training.
6	24-10-2021	L4G Solutions Pvt Ltd	1 YEAR	Learning for growth & Employability.
7	10-02-2021	Sky goal Innova technologies Pvt Ltd	1 YEAR	Create Employment..
8	16-10-2020	Byte^{2} India Pvt Ltd	3 YEARS	CRT and technical training for the placements.
9	14-12-2020	TIE GRAD	1 YEAR	To guide the entrepreneurship.
10	14-12-2019	Falcon IT Training & Educational Services Pvt Ltd	NO TIME BOUND	Industrial Training & Visits.
11	11-07-2019	TCS-ION through AICTE	NO TIME BOUND	To train students to develop their career skills for job readiness.
12	01-01-2019	JSquare Technologies	NO TIME BOUND	Skill Based Training ,Education.
13	22-11-2018	Red Hat Linux	NO TIME BOUND	Programs to promote RED HAT products.
14	06-04-2018	APSSDC	NO TIME BOUND	Skill up-gradation of faculty by providing training, students by imparting training.



Interaction Program with III-I B.Tech students By Passed Out Student Sk.Afrin (17471A04J6)

Number of professional development / administrative training programs organized

S No	Name of the Training Programme/Seminar/	Name of the Resource Person	Dates of th Event
1	Interaction Program with III-IECE Students	Alumni V. Bhargavi (15471A0474	28-9-2021
2	Interactive Program with IV-I ECE Students	Alumni M. Pradeep (19471A0422) Software Engineer	28-9-2021
3	Webinar on IOT Technical Session-I on IoT, e-Yantra Team IIT Bombay	e-Yantra Team Faculty and students of ECE attended	1-10-2021
4	Webinar on System On Chip & Network on Chip	Dr. B K N Srinivasarao NIT Warangal	7-10-2021
5	LIFE CLUB Interaction Session	Alumni Avinash A Anil	9-10-2021
6	Guest Lecture for Faculty on "5G Wireless technology"	Dr.Nita devi Bharathula Assistant Professor ECE Department Amrita School of Engineering, Chennai	13-10-2021
7	LIFE CLUB Group Discussion	R. Shanmuka Venkatesh and Organizers	23-10-2021
8	Webinar on Career Opportunities for ECE students	Y. Sreenikeya Software Developer, Siemens Healthcare, Banglore	03-11-2021
9	Interaction Program with II-IECE-A Students	Alumni S.SaiVarshini (15471A04C8) Associate Technology, Publicis Sapient, Bangalore	6-11-2021
10	Interaction Program with II-I ECE-B Students	Alumni P. Khayyum Khan (15471A0485) Associate Technology, Publicis Sapient, Bangalore	6-11-2021
11	LIFE CLUB session is about Technical games and quiz	A Bindita and Organizers	13-11-2021
12	LIFE CLUB activity about JAM and making students to develop their quick responses	K. Navya Harika and Organizers	12-11-2021
13	Webinar on "Application of Thin-film transistors in the Transparent and Flexible electronics" in association with NEC IEEE SB	Dr. Shashikant Dargar Asso. Prof Senior IEEE member	19-11-2021
14	Webinar on Woman Empowerment in Engineering	Dr.Sarada Allamneni, Professor in English, Dept. of S&H, VFSTR, Deemed to be University, Guntur, Andhra Pradesh	22-09-2021
15	Webinar on Application of Thin-film transistors in the Transparent and Flexible Electronics	Dr. SHASHIKANT D. **Associate Professor,** Department of Electronic Engineering, Kalasalingam University (KARE), Tamilnadu.	19-11-2021



ISTE Quiz Competition



ISTE Quiz Competition



Interaction Program with III-I B.Tech students By Passed Out Student Tejaswini (17471A04J3)



Workshop on Embedded Systems

Workshop on Internet of Things



Life club session:



Hands on Workshop Internet of Things



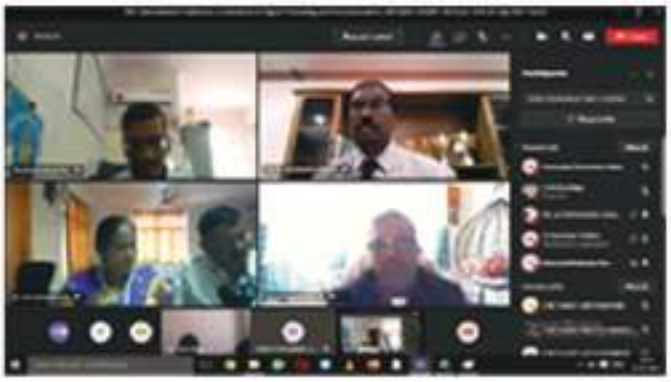
R&D Inspection



CRC Meeting

International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21) 23rd & 24th July, 2021.Organized by Department of Electronics and Communication Engineering, Narasaraopeta Engineering College (AUTONOMOUS) Narasaraopet, A.P, India.

Key Note Address	
Dr. Sandeep Poddar, Deputy Vice Chancellor Research and Innovation, Lincoln University College, Malaysia.	Dr.M. Suyn Prakash, Asst. Professor, Dept. of ECE, NIT Calicut, Kerala





List of APSSDC Programs Conducted:

S.N.	Name of the Programme	Dates	Participants
1	A Two-week workshop on Embedded Systems In association with APSSDC	15-11-21 to 27-11-21	II-I ECE-A 55
2	A Two-week workshop on Internet of Things In association with APSSDC	15-11-21 to 27-11-21	II-I ECE-B 55

Placement Training Program Details:

S. N.	Name of the Programme	Organized by/Resource Person(s)	Date(s)	No. of beneficiaries
1	Campus Recruitment Training	Bytexl Team	31-07-21 To 07-08-21	II B.Tech.
2	TCS Specific Training	Ms. Ayusha (Reasoning)	05-08-21 To 09-08-21	IV B.Tech.
3	TCS Specific Training	Mr. Srikanth (English)	31-08-21 To 11-09-21	IV B.Tech.
4	Campus Recruitment Training	Mr. Rahul (Aptitude)	22-09-21 To 29-09-21	III B.Tech.
5	Wipro Specific Training	Mahesh Kusuma (Technical)	23-09-21 To 30-09-21	IV B.Tech.
6	Hexaware Specific Training	Satish Yedulapally (Technical)	30-09-21 To 06-10-21	IV B.Tech.
7	Campus Recruitment Training		20-10-21 To 30-10-21	III B.Tech.
8	Campus Recruitment Training	Chaitanya Lingamaneni (HR)	27-12-21 To 11-01-22	III B.Tech.
9	Campus Recruitment Training		27-12-21 To 11-01-22	IV B.Tech.

IEEE Student Chapter (STB61021)

A total of 56 members registered in IEEE Student Chapter in order to participate in various events conducted under IEEE banner.

Sl. No.	Name of the Programme	Resource Person	Dates	No.of Participants
1	Webinar on "Application of Thin-film transistors in the Transparent and Flexible electronics" in association with NEC IEEE SB	Dr. Shashikant Dargar Assc. Prof Senior IEEE member	19-11-2021	III-I ECE-C-58
2	Volunteering Engagement through IEEE and its Opportunities	Mr.Mallellu Sai Prashanth, Student Chapter Representative at IEEE Computer Society Hyderabad Chapter	14-08-2021	50

List of IETE Programs Conducted:

A total of 156 student members registered in IETE in order to participate in various events conducted under IETE Students Forum (ISF) banner.

Sl. No.	Name of the Programme	Resource Person	Dates	No.of Participants
1	1 Day Hands-on Workshop on IoT	Swecha Team, Gachibowli, Hyderabad, Telangana 500032	29.11.2021	120

List of ISTE Programs Conducted:

A total of 200 student members registered in ISTE in order to participate in various events conducted under ISTE banner.

Sl. No.	Name of the Programme	Resource Person	Dates	No.of Participants
1	ISTE Quiz Competition	-	27/12/2021	102 students

New Trends in Technology:

COVID-19—WAY FORWARD

Human trials are always preceded by animal trials where the experimental vaccine is injected to animals. In this stage we primarily check the toxicity profile of the vaccine and whether it can induce antibody response. For example if the experimental animal dies or the vaccine do not produce any antibodies we cannot proceed for human trial. Next comes Phase 1 trial where safety and pharma kinetics and dynamics the proposed vaccine has to be established. Phase 1 trial is done on a small number of volunteers. They are observed for any adverse effects following the administration of the vaccine as well. If Phase 1 is successful we can proceed to Phase 2. In this phase, the vaccine is administered to a greater number of people where safety as well as immune response is measured which can correlate with protection (phase II B). After the success of this phase, Phase 3 trial is started with still larger number of volunteers. This phase may last up to several months where safety efficacy and effectiveness are measured in the volunteers across different age groups. If we get promising results then only the vaccine can be used in the general population. Even after marketing of the vaccine, there is another phase or Phase 4. This phase is for monitoring the long term safety, effectiveness or any other benefits and adverse events.

Thus despite the present crisis, increasing the demand for a vaccine urgently on an emergency basis, the sssdevelopment of a vaccine cannot compromise on its safety, efficacy and adverse effects. Till date, vaccine trial by the researchers of Oxford University have established the safety of vaccine as well as its potential to induce both cell mediated and humoral immunity in Phase 1 and Phase 2 trials. Phase 3 of clinical trial is still ongoing in countries like South Africa, Brazil and UK for further evaluation.

Thus before getting convincing results in all the above mentioned aspects, launching of any vaccine will only lead to an ethical dilemma. While the whole world is waiting for a vaccine, the researchers should not rush but be careful regarding all the potential effects of the vaccine. Till then safety measures like avoiding crowded places, hand hygiene and using protective gears are the only keys to bring a reduction in transmission of disease.

Faculty Focus:

1. Dr.K.Ponnari Lakshmi, Professor and Head of the Dept. of B.S.&H. has presented a paper titled "Impact of Affective factors on English Language acquisition at postsecondary education: An Empirical Study" at the ELT summit 2021, a virtual International Conference held on 10th – 11th, July, 2021, Jointly organized by the International Society for Educational Leadership(ISEL) and MIT art, Design and Technology University.

2. Dr.K.Ponnari Lakshmi, Professor and Head of the Dept. of B.S.&H. has Participated in one week virtual FDP on "Research Design, Ethics & Metrics", organized by International Quality Assurance Cell(IQAC) & Research Promotion & Monitoring Cell, KBN college, Vijayawada, from 18th – 23rd , October 2021.

3. Dr.K.Ponnari Lakshmi, Professor and Head of the Dept. of B.S.&H has Participated in 5-day online FDP on the "Inculcating Universal Human values in technical Education", organized by AICTE, New Delhi, from 4th – 8th , October, 2021.

4. Dr.K.Ponnari,Lakshmi, Professor and Head of the Dept. of B.S.&H has participated in the National level 10-day on line FDP on Research Methodology from 1st – 10th , July 2021, Organized by Prerana College of Commerce, Reshimbag, Nagpur, Maharastra, India.

5. G.R.K.Murthy, Asst. Professor of English has participated in the two-day national Conference on Blending Education with advance technology for effective teaching, organized by the Prerna College of Commerce, Nagpur, On 28th – 29th June 2021.

6. G.R.K.Murthy, Asst. Professor of English has participated in the one-day International online Conference on Enriching Language, Literature, Culture and Translation Studies, Organized by IQAC, Departments of English, Marathi, and Hindi in collaboration with Solapur English Teachers organization (SETO) on 22nd October 2021.

7. G.R.K.Murthy, Asst. Professor of English has participated in the one-week online international FDP on "Trends and trend-Setting in the Mid-21st Century", from 18th – 23rd , October, 2021, Organized by St.Joseph's college for Women, Visakhapatnam, Department of English in Collaboration with English Language Teacher's Association of India(ELTAI), Visakhapatnam Chapter.

8. G.R.K.Murthy, Asst. Professor of English has participated in the National level 10-day on line FDP on Research Methodology from 1st – 10th , July 2021, Organized by the Prerna College of Commerce, Reshimbag, Nagpur, Maharastra, India.

9. V.Aruna, Assoc.Professor of English has participated in the two-day national online work on research for academic excellence, for faculty and researchers, organized by the department of English and other foreign Languages, SRM Institute of Science and Technology, Ramapuram Campus, Chennai, on 22nd – 23rd July, 2021.

10. V.Aruna, Assoc.Professor of English has participated in the International webinar on "Nature is Our Preacher", organized by World English Language Learners Teachers and Trainers Association, held on 25th Oct. 2021.

11. V.Aruna, Assoc.Professor of English has participated in the webinar on "Lexis: The Key to Language Learning", organized by the Department of English, Krishna University, Machilipatnam on 16th July 2021.

12. Dr.Sk.Mohiddin Shaw, Professor of Mathematics has published a paper on "Interval Valued Vague Ideals in Near Rings", Global and Stochastic Analysis, MUK publicationsJuly-December,2021, Vol.8, No.2.

13. Dr.Mohiddin Shaw, Professor of Mathematics has participated in the webinar on "IPR& It's Role in Research and Innovation", organized by Department of Mechanical Engineering in Association with IQAC & IIC, NEC, Narasaraopet, 24th , Sep, 2021.

14. Dr.Mohiddin shaw, Professor of Mathematics has participated in International webinar on "Strengthening Your Understanding of Research Journals-Reading, Referencing and Publishing", organized College of Science and Commerce in Collaboration with Elsevier on 10th, July, 2021.

15. Dr.G.Dharmaiah Assoc.Professor of Mathematics has participated online and presented a paper entitled "A study of MHD dissipative fluid with radiation absorption and chemical reaction effects", in the International e-conference on Recent Trends in Mathematical Sciences organize by the Department of Mathematics, Andhra Loyola College, on 28th – 29th July 2021.

16. Dr.G.Dharmaiah Assoc.Professor of Mathematics has presented a paper entitled with "MHD non-linear radiative flow and heat transfer of micro polar nano particles over a porous stretching surface with activation energy, Nield's condition and second order slip" in the virtual international conference on advances in signal processing and communications-2K21(NECICASPC-K21), held at department of Electronics and Communication Engineering, NEC, Narasaraopet, during 23rd -24th July 2021.

17. Dr. G.Dharmaiah Assoc.Professor of Mathematics has presented a paper titled "Effect of Nano particle volume fraction on MHD water based nano fluid flows over a permeable stretching sheet with Suction/Injection", in ICAACM-2021, organized by the department of Mathematics and Statistics, Manipal University, Jaipur during 16th -17th September 2021

18. G.Dharmaiah, Assoc.Professor of Mathematics, has published a paper "Entropy Analysis of Nano fluid Magneto Hydro Dynamic Convection flow past an inclined surface: A Numerical Review", Heat transfer, 2021.

19. G.Dharmaiah, Assoc.Professor of Mathematics has published a paper on "Numerical study of Radiative non-Darcy nano-fluid flow over a stretching sheet with a convective Nield conditions and Energy Activation", Non-Liner Engineering,2021.

20. G.Dharmaiah, Assoc.Professor of Mathematics has published a paper on "Entropy Analysis of MHD nano fluid transport past an inverted cone: Buongiorno's model", Heat transfer, 2021.

21. G.Dharmaiah, Assoc.Professor of Mathematics has published a paper on "Unsteady Titanium Alloy water based Nano fluid past an Oscillatory moving vertical permeable semio-infinite Flat plate with Theromophoresis Effect", AIP Conference Proceedings, 2021, 2375.

22. G.Dharmaiah, Assoc.Professor of Mathematics has published a paper on "Metallic Nano Particle effect on unsteady Convective MHD flow of radiation with rotating frame of Reference: A Theoretical Study", AIP Conference Proceedings, 2021, 2375.

23. G.Dharmaiah Assoc.Professor of Mathematics has participated in the one week FDP on "Recent trends in Applications of Mathematics(RTAM)", organized by Department of Freshman Engineering, Chadalawada Ramanamma Engineeing College(A), Tirupathi, from 12th -17th , July, 2021.

24. G.Dharmaiah Assoc.Professor of Mathematics has participated in the 6-day FDP on Mathematics and Statistics in Emerging Field, Conducted by Department of Mathematics, KPR institute of engineering and Technology held from 05th – 10th , July, 2021.

25. Dr.G.Dharmaiah Assoc.Professor of Mathematics has participated in the online webinar on "IPR& It's Role in Research and Innovation", organized by Department of Mechanical Engineering in Association with IQAC & IIC, NEC, Narasaraopet, 24th , Sep, 2021.

26. Dr.N.Ravi Babu, Assoc. Professor of Mathematics has participated in the 6-day FDP on Mathematics and Statistics in Emerging Field, Conducted by Department of Mathematics, KPR institute of Engineering and Technology held from 05th – 10th , July, 2021.

27. Dr.N.Ravi Babu, Assoc. Professor of Mathematics has participated in International webinar on "Strengthening Your Understanding of Research Journals-Reading, Referencing and Publishing", organized College of Science and Commerce in Collaboration with Elsevier on 10th, July, 2021.

28. Dr.N.Ravi Babu, Assoc. Professor of Mathematics has participated in the online webinar on "IPR& It's Role in Research and Innovation", organized by Department of Mechanical Engineering in Association with IQAC & IIC, NEC, Narasaraopet, 24th , Sep, 2021.

29. Dr.N.Ravi Babu, Assoc. Professor of Mathematics has participated in the online webinar on "Trends and Challenges in CFD", By the Department of BS&H(Mathematics), NEC, held on 6th July, 2020.

30. Dr.R.Mohana Ramana, Assoc. Professor of Mathematics has participated online and presented a paper entitled "Chemical Reaction Effects on MHD stagnation point flow of JEFFRY fluid over a permeable stretching sheet with Joule's heating and multiple slips", in the International e-conference on Recent Trends in Mathematical Sciences organize by the Department of Mathematics, Andhra Loyola College, on 28th – 29th July 2021.

31. Dr.R.Mohana Ramana, Assoc. Professor of Mathematics has presented a research paper entitled "Multiple Slips and Heat Source Effects on MHD Stagnation point Flow of Casson fluid over a stretching sheet in the presence of chemical reaction" in the 20-21 Global Conference on recent advances in sustainable materials(GC-RASM2021), held at AJ Institution of Engineering and Technology, Karnataka, India during 29th -30th , July 2021. GC-RASM2021 has been organized jointly by the departments of CIVIL Engineering and MECHANICAL Engineering.

32. Dr.R.Mohana Ramana, Assoc. Professor of Mathematics "Chemical Reaction effects on Maxwell base MHD fluid flow of Nanomaterial over vertical moving surface with Radiation", Turkish Journal of Computer and Mathematics Education, 2021, Vol.12, No.12, pp.3760-3769. ISSN: 1309-4653.

33. Dr.R.Mohana Ramana, Assoc. Professor of Mathematics "Multiple slips and chemical reaction effects on Unsteady MHD heat and Mass Transfer flow over a permeable Stretching sheet with radiation", Turkish Journal of Computer and Mathematics Education, 2021, Vol.12, No.6, pp.4489-4498. ISSN: 1309-4653.

34. Dr.R.Mohana Ramana, Assoc. Professor of Mathematics has participated in the 6-day FDP on Mathematics and Statistics in Emerging Field, Conducted by Department of Mathematics, KPR institute of engineering and Technology held from 05th – 10th , July, 2021.

35. Dr.R.Mohana Ramana, Assoc. Professor of Mathematics has participated in the one week FDP on "Recent trends in Applications of Mathematics(RTAM)", organized by Department of Freshman Engineering, Chadalawada Ramanamma Engineeing College(A), Tirupathi, from 12th -17th , July, 2021.

36. Dr.R.Mohana, Assoc. Professor of Mathematics Ramana has participated in the online webinar on "Approach Towards Future with Mathematical Sciences", held at Keshav Memorial Institute of Commerce and Sciences on 17th July 2021.

37. A.Aparna, Asst. Professor of Mathematics has participated in the 6-day FDP on Mathematics and Statistics in Emerging Field, Conducted by Department of Mathematics, KPR institute of engineering and Technology held from 05th – 10th , July, 2021.

38. A.Aparna, Asst. Professor of Mathematics has participated in the one week FDP on "Recent trends in Applications of Mathematics(RTAM)", organized by Department of Freshman Engineering, Chadalawada Ramanamma Engineeing College(A), Tirupathi, from 12th -17th , July, 2021.

39. A.Aparna, Asst. Professor of Mathematics has participated a International webinar on "Strengthening Your Understanding of Research Journals-Reading, Referencing and Publishing", organized College of Science and Commerce in Collaboration with Elsevier on 10th, July, 2021.

40. Dr. Y. Lakshmana Kumar, Asst. Professor of Chemistry has participated in the National level 10-day on line FDP on Research Methodology from 1st – 10th , July 2021, Organized by the Prerna College of Commerce, Reshimbag, Nagpur, Maharastra, India.

41. Dr. Y. Lakshmana Kumar, Asst. Professor of Chemistry has participated in the one week on line FDP on "Chemistry for Societal Advancements", from 26th – 31st . July, 2021, Organized by Department of Chemistry, KLU.

42. Mrs. T.Anusha, Asst. Professor of Chemistry has published an article on Electrochemical synthesis of PdNPs@MnO2-PPy nanocomposite and its electrocatalytic application towards glycerol oxidation in Electrochimica Acta, 399 (2021) 139394. IF: 6.9

43. Mrs.T.Anusha, Asst. Professor of Chemistry has published an article on Synthesis and characterization of palladium nanoparticles-corannulene nanocomposite: An anode electrocatalyst for direct oxidation of methanol in alkaline medium in Journal of Electroanalytical Chemistry, 900 (2021) 115654. IF: 4.5

44. Dr.P.N.V.V.L.Prameela Rani, Asst. Professor of Chemistry has participated in the 5-day International online FDP on Emerging Trends in Nano Technology(ETNT-2021), Organized by the Department of Basic Science, Vishnu Institute of Technology(A), Bhimavaram, A.P., from 9th -13th Nov, 2021.

45. Dr.K.Neeraja, Assoc. Professor of Physics has participated in the 5-day FDP on "Recent Advances in Engineering Physics", (RAEP-2021), organized by the Department of BS&H(Physics), QIS College of Engineering and Technology, Ongole, from 13th – 17th , July, 2021.

46. G.S.John, Asst. Professor of Physics has participated in the 5-day FDP on "Recent Advances in Engineering Physics", (RAEP-2021), organized by the Department of BS&H(Physics), QIS College of Engineering and Technology, Ongole, from 13th – 17th , July, 2021.

47. Dr.K.Sreenivasulu, Assoc. Professor of Environmental Sciences has participated in the one week on line FDP on "Chemistry for Societal Advancements", from 26th – 31st . July, 2021, Organized by Department of Chemistry, KLU.

DEPARTMENT OF MBA

Manager - He, who do things right

Vision

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

Mission

To impart and nurture managerial and entrepreneurial skills in the students

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

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

New Trend in Business



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

Faculty Focus

Dr.P.Pattabhi Ram, HOD, Associate Professor, published a paper "A study on customer perception on service quality dimensions with respect to retail banking services (a comparative study on SBI and ICICI banks in Guntur district, Andhra Pradesh)", NIU International Journal of Human Rights,(Volume 8(XIII), ISSN No:2394 – 0298,NOV-2021,Page:157-166.

Y. Suresh, Assistant Professor participated Five-Day International Online Faculty Development Programme on "Emerging Trends in Nano Technology"Organized by Vishnu Institute of Technology, Bhivaram on 9th -13th NOV-2021.

S. Salma,Assistant Professor participatedFive-Day International Online Faculty Development Programme on "Emerging Trends in Nano Technology"Organized by Vishnu Institute of Technology, Bhivaram on 9th -13th NOV-2021.

Y. Suresh Assistant Professor, Participated One day online workshop on R-Programming (Data Analytics) Organized byAAKKAM KOVAI CONSULTANCY SERVICES, Coimbatore. 10-11-2021

D.Satish Babu, Assistant ProfessorParticipated One day online workshop on Dynamic Website Creation Using Python/FLASK/MYSQL Organized by AAKKAM KOVAI CONSULTANCY SERVICES, Coimbatore. 10-11-2021.

Dr.Y.Siva Reddy,Associate Professor participated 7 days FDP on changing dimensions in commerce education organized by PG Dept. of Commerce with Computer Applications & IQAC, Nalla Muttu Gounder Mahalingam College, Autonomous, Coimbatore. From 20th to 27th October, 2021.

Y.Suresh, Assistant Professor participated 7 days FDP on changing dimensions in commerce education organized by PG Dept. of Commerce with Computer Applications & IQAC, Nalla Muttu Gounder Mahalingam College, Autonomous, Coimbatore. From 20th to 27th October, 2021.

Dr.P.Pattabhi Ram, HOD,Associate Professor participated one week online faculty development progamme on "Emphasizing The Centrality of Marketing to Business" organized by CMS, Jain (Deeme-to-be University) on 20th to 24th SEP-2021.

Dr.Y.Siva Reddy,Associate Professor participated one week online faculty development progamme on "Emphasizing The Centrality of Marketing to Business" organized by CMS, Jain (Deeme-to-be University) on 20th to 24th SEP-2021.

Y. Suresh,Assistant Professor participated one week online faculty development progamme on "Emphasizing The Centrality of Marketing to Business" organized by CMS, Jain (Deeme-to-be University) on 20th to 24th SEP-2021.

S.Salma,Assistant Professor participated one week online faculty development progamme on "Emphasizing The Centrality of Marketing to Business" organized by CMS, Jain (Deeme-to-be University) on 20th to 24th SEP-2021.

Sk. Karem Basha,Associate Professor participated one week online faculty development progamme on "R-Programming for Data Analysis" KLH Business School, Hyderabad on 23rd to 28th AUG-2021.

T.L. Sravani Kumari,Assistant Professor participated one-week online faculty development progamme on "R-Programming for Data Analysis" KLH Business School, Hyderabad on 23rd to 28th AUG-2021.

Student Focus

The following students are academic toppers in their respective classes.



19471E0011	19471E0058	19471E0006	19471E0018
IV SEM 9.25	IV SEM 9.25	IV SEM 9.13	IV SEM 9.0



B.DURGA	D.L.TEJASWINI	H.L.TRIVENI
20471E0006	20471E0016	20471E0024
II SEM9.36	II SEM9.36	II SEM9.36



Our II-year MBA III Semester students went to the KCP, Ltd. Macherla, and Guntur as a part of the industrial visit on 18-12-2021. They were exposed to lot of information about production and HR Policies of the KCP, Ltd.



Our I year MBA student selected to JNTU Volleyball Team, Principal and Chairman M.V. Koteswara Rao garu appreciate him. On 8th DEC-2021.

Our II MBA III SEM Students participated in Mega Quiz competition organized by NEC NSS Unit in coordinationwith BAJRANG FOUNDATION and got 1st & 2nd Prizes. On 27th NOV-2021





Our II-year MBA students are participated in ICICI Webinar on Emergence of workplace collabocracy: The Way Head on 17th NOV-2021.

Our MBA department conducted TCS training programme for II-year MBA students preparing resume writing and aptitude testing on 1st to 3rd NOV-2021.



Alumni Voice



It is an immense pleasure to say that I was a part of NEC. It helped me a lot to derive the inherent talents in myself to meet the career-requirements. 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
HT.No: 18471E0047

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

Technology is teaching us to be human again

Vision

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

Mission

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

New Trends in Technology

5G NETWORKS

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

DISTRIBUTED CLOUD

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

BLOCKCHAIN

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

ARTIFICIAL INTELLIGENCE

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

VIRTUAL REALITY

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

AUGMENTED REALITY

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

MIXED REALITY

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

Serverless Computing

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

FACULTY FOCUS

Our faculty member M. Mamatha attended online FDP on "25 days master class on Artificial Intelligence" organized by Pantech e learning Pvt. Ltd, Chennai in online from 06-12-2021 to 04-01-2022.

Student's Focus

50 members of III MCA V Semester & II MCA III Semester students attended a two week workshop on "Python Programming" in online organized by Narasaraopeta engineering college in association with APSSDC from 24-11-2021 to 04-12-2021.

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

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

Toppers of III MCA V Semester



P.MAHESWARI
20471F0043
8.85



G.OMKAVYASRI
20471F0017
8.8



K.PAVAN KALYAN
20471F0030
8.55



D.RAMADEVI
20471F0011
8.55

Alumni 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.

K.K. Sai Sravanthi
Alumni

Student's 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.

K. Sai Anusha
III MCA III SEM

TRAINING AND PLACEMENT CELL

We Train, You Excell

Vision

To impart necessary training to our students to meet the expectations of the Industry and to achieve 100% placement by providing them adequate job opportunities.

The Central Training and Placement Cell are committed to the professional progress of NEC students through integrating the career issues within an academic environment for realizing their best possible career path.

Mission

Mission of T&P cell is to provide opportunities for Industry oriented training to all students, impart appropriate training to students for making them Industry ready, guide them for higher studies & motivate them to become entrepreneur instead of job seekers.

About NEC TPC: Training & Placement Department is the most crucial part which plays an important role in providing opportunities to the student by arranging campus Interviews. In NEC, the TPC is highly supported by its teaching faculty of various departments.

SNO	DATE	COMPANY NAME	SELECTS
1	09-07-2020	CDK GLOBAL	1
2	30-07-2020	DXC TECHNOLOGY	49
3	16-09-2020	HEXAWARE TECHNOLOGIE	1
6	16-12-2020	SAVANTIS SOLUTIONS	27
7	10-09-2020	SUNDRAM FASTNERS LTD	26
8	24-10-2020	TCS	50
9	28-09-2020	TECHNOVERT	1
10	18-11-2020	THOUGHTWORKS	1



Students selected in SAVANTIS SOLUTIONS



Students selected in INFYTQ



Students selected in DXC TECHNOLOGIES

List of Recruiting Companies Visited

S.NO	COMPANY NAME	DRIVE DATE	Selects	SALARY
1	Value Labs	18-Aug-21	5	450000
2	Mphasis	02-Sep-21	36	400000
3	EPAM SYSTEMS	12-Sep-21	1	600000
4	WIPRO	26-Sep-21	125	375000
5	Hexaware - PGET	05-Oct-21	1	500000
6	Hexaware - GET	05-Oct-21	12	350000
7	SAVANTIS SOLUTIONS	07-Oct-21	53	222000
8	IBM	18-Oct-21	2	450000
9	APPS ASSOCIATES	26-Oct-21	13	550000
10	FIS GLOBAL	29-Oct-21	1	865000
11	FORMONIC TECHNOLOGIES	06-Nov-21	4	180000
12	Mindtree	13-Nov-21	6	400000
13	Altimetrik	20-Nov-21	3	700000
14	Revature	22-Nov-21	8	400000
15	WILEY NXT	23-Nov-21	2	700000
16	HCL Technologies	25-Nov-21	20	365000
17	COFORGE	29-Nov-21	14	400000
18	QUEST GLOBAL	01-Dec-21	2	300000
19	ZENSAR	17-Dec-21	32	400000
20	SNOVASYS	18-Dec-21	2	360000
21	PERSISTENT SYSTEMS	18-Dec-21	1	470000
22	TCS DIGITAL	18-Dec-21	4	700000
23	TCS NINJA	18-Dec-21	56	360000
24	INFOR	20-Dec-21	3	400000
25	TATA Technologies	29-Dec-21	5	465000
Total Number of Placements			411	

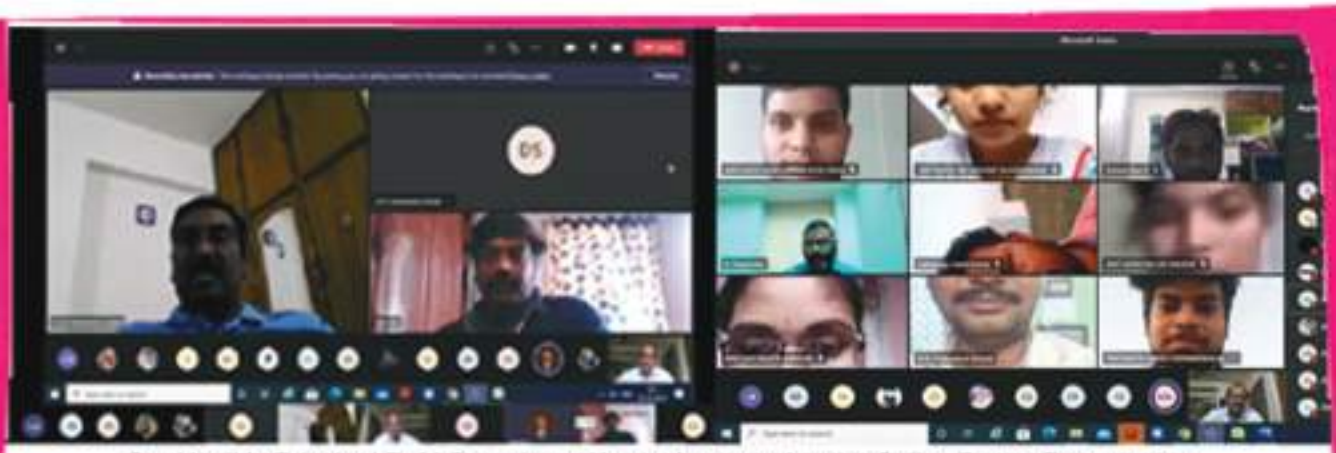








NSS ACTIVITIES



Our Hon'ble Principal Dr.M.Sreenivasa Kumar inaugurating the Online Poster Presentation Competition conducted by college NSS Unit on the eve of World Environment Day on 05-06-2021



Students Posters presentation on the eve of World Environment Day



Sri.Kunisetty Janardhan Guruji (Parikalpa Yogi), explaining the importance and benefits of Yogasanas to the students on the eve of International Day of Yoga on 21-06-2021 at NEC Campus premises.



Our Hon'ble felilcitating the Yoga Guruji with a shawl and memento on the eve of International Day of Yoga.



Our Hon'ble Principal Dr.M.Sreenivasa Kumar addressing the students on the eve of Awareness Program on Installation and Usage of DISHA SOS APP on 17-07-2021 in college premises.



Sub-Inspector V.Krishnaveni is addressing the students about usage of DISA SOS APP in the meeting.



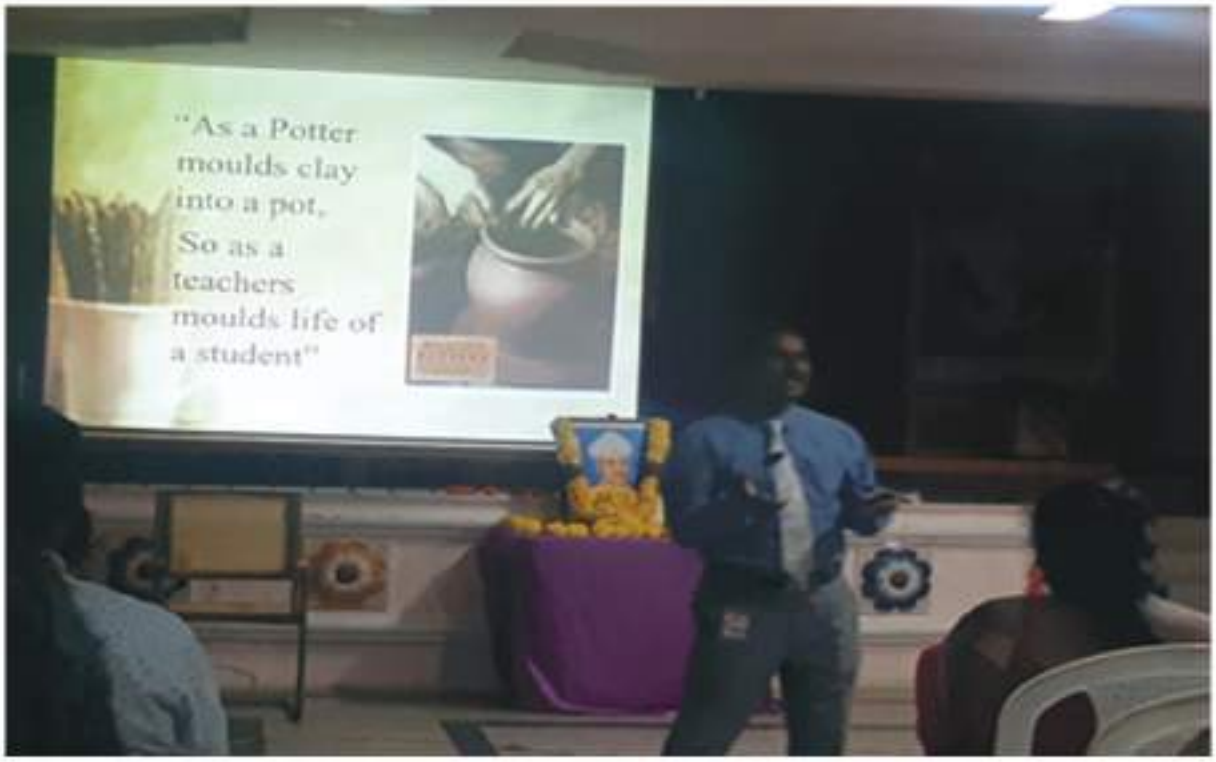
Successful instalation of DISHA SOS APP in the mobile participants showing their mobiles.



Our Hon'ble Chairman and Hon'ble Principals saluting the National Flag on the eve of 75th Independence Day Celebrations in college premises.



Our Hon'ble principal Dr.M.Sreenivasa Kumar giving his Valuable speach on the occasion of Indepedence Day Celebrations



Our Hon'ble Principal Dr.M.Sreenivasa Kumar addressing the faculty members about the role of teacher in the present society on the eve of Teachers' Day Celebration conducted by NSS Unit on 05-09-2021.



Free Covid-19 Vaccination Program is organized by our college NSS Unit in co-ordination with Primary Health Centre, Yallamanda on 21-09-2021 in college premises.



Data is registering for issue of Covid-19 Certificates after vaccination





Dr.P.Rajeswari, Dentist from Siri Dental Clinic diagnosing students in a Free Dental Check-Up Program held in campus premises on the eve of NSS Formation Day i.e on 24-09-2021.



Sri.Arogyam Chowdary Garu, Advocate Narasaraopet addressing the students on the eve of Constitution Day Celebration in our campus premises on 26-11-2021.



Our Hon'ble Principal Dr.M.Sreenivasa Kumar explaining the students to follow the constitutional values and protect the integrity of our country.



Our Hon,ble Principal appreciating the winners in the College Level Quiz-21 Competitions held in our college in Co-ordination with Bhajrang Jute Foundation, Guntur on 27-11-2021.



Our students receiving cash reward in the final Quiz Competitions held at head office, Bhajrang Jute Foundation, Guntur on 17-02-2021.



DEPARTMENT OF PHYSICAL EDUCATION



Details of participation of students/achievements in sports and games.

S. N	Name of the student	Department	Name of the Sport / Game Event	Venue	Date/s of the event	Organized by	Prize if any
1	SK. Sahith	CSE 20471A0587	Shuttle Badminton	Doma Badminton Academy, Ramaraopet, kakinada	30-11-21	JNTUK	JNTUK, Badminton Selection Trails Participation
2.	P.C.P. Gupta	Civil 1A471A0136	Shuttle Badminton	Doma Badminton Academy, Ramaraopet, kakinada	30-11-21	JNTUK	JNTUK, Badminton Selection Trails Participation
3	C.Venkata Prasad	ECE 20471A04C8	Shuttle Badminton	Doma Badminton Academy, Ramaraopet, kakinada	30-11-21	JNTUK	JNTUK, Badminton Selection Trails Participation
4	Y.Lavanya lahari	CSE 19471A05P4	Shooting Ball	AV Puram, Srikakulam	27-29 November, 2021	Shooting Ball Association	Winners
5	P. Kishore	Civil 19471A0141	Shooting Ball	AV Puram, Srikakulam	27-29 November, 2021	Shooting Ball Association	Runners
6	A. Ramesh	ECE 19471A0402	Shooting Ball	AV Puram, Srikakulam	27-29 November, 2021	Shooting Ball Association	Runners
7	Y.Lavanya lahari	CSE 19471A05P4	Volleyball	MIC Engineering of Technology, Kanchikacharla	03-12-2021	JNTUK	Selected JNTUK Women Volleyball
8	P. Kishore	Civil 19471A0141	Volleyball	MIC Engineering of Technology, Kanchikacharla	04-12-2021	JNTUK	JNTUK, Volleyball Selection Trails Participation
9	A. Ramesh	ECE 19471A0402	Volleyball	MIC Engineering of Technology, Kanchikacharla	04-12-2021	JNTUK	JNTUK, Volleyball Selection Trails Participation



JNTUK Volleyball Selected-T.Kotiswamy(MBA)



Eswar Fest Volleyball first place (December 24th)



Shooting ball (second place men)



Shooting ball(first place women)



JNTUK Volleyball Selected (Y Lavanya Lahari)













75th Independence Day
Celebrations
15th August, 2021















VIRTUAL ALUMNI MEET -2021 CONDUCTED BY
NEC ALUMNI ASSOCIATION (NAA) ON 11.07.2021



Exchanging the documents of MOU Between LADDER SURVEY and
Narasaraopeta Engineering College (Autonomous) held on 22.07.2021



On 12th August 2021 Dr. M.Sreenivasa Kumar releasing a broucher on the occaction of "User Awarness Porgramme" on NDLI



NEC Campus Placements during the year 2020-21



Painting Competetions conducted on 14-08-2021 as part of "INDEPENDENCE DAY CELEBRATIONS"



Col.G.Kumar and A.D.M. officer Dhruvachand visited NEC Campus for NCC inspection



Chief Guest Sri. T.K.Parandhama Reddy Garlanding the statue of Dr.M.V.Sir on the occaction of Engineer's Day Celebrations on 15-09-2021



Dr.Mokshagundam Visvesvaraya's Birthday is celebrated as Engineers' Day held in NEC on 15-09-2021



Engineer's Day Celebrations on 15-09-2021



BIRTHDAY CEREMONY OF
MICHAEL FARADAY (FATHER OF ELECTRICAL ENGINEERING) HELD ON 22-09-2021









DR.GOPIREDDY SRINIVASA REDDY MLA Narasaraopet inagurated
MEGA JOB MELA in NEC ON 11.10.2021