



Department of Civil Engineering

Vision

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

Mission

- ❖ Train the students as technologically motivated Civil engineers and researchers who can serve the society competently, collaboratively and ethically as planners, designers, constructors and operators.
- ❖ To provide quality based consultancy services to the communities for the development of civil engineering industry and other allied fields.
- ❖ To ignite innovative thinking, entrepreneur skills among students

New Trends in Technology:

GREEN CONSTRUCTION AND SUSTAINABLE CITIES

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

ECO-FRIENDLY CONSTRUCTION: REDUCING WASTE AND ENHANCING SUSTAINABILITY

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

Faculty Focus

- ❖ Mrs. A.Lakshmi Prasanna completed NPTEL Course in Basic construction materials with Elite Status in January-April 2024.
- ❖ Mrs. A.Lakshmi Prasanna completed NPTEL Course in Introduction to civil Engineering Profession with Elite Status in January-March 2024.
- ❖ Mr. M.N.S.Sambasiva Rao completed NPTEL Course in Introduction to civil Engineering Profession with Elite Status in January-March 2024.
- ❖ Mr. K.Jeya Vignesh completed NPTEL Course in Introduction to civil Engineering Profession with Elite Status in January-March 2024.

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- ❖ Mrs. K.Yamuna completed NPTEL Course in Introduction to civil Engineering Profession with Elite+Silver Status in January-March 2024.
- ❖ Mr. N.M.Subhani completed NPTEL Course in Introduction to civil Engineering Profession with Elite Status in January-March 2024.
- ❖ Mr. Sk.Sydhya completed NPTEL Course in Introduction to civil Engineering Profession with Elite Status in January-March 2024.
- ❖ Mr. N.M.Subhani successfully completed NPTEL Course in Basic construction materials in January-April 2024.
- ❖ Dr.P.Naga Sowjanya completed Edx Course in The Industry and Profession in construction management.
- ❖ Mrs. A.Lakshmi Prasanna completed Edx Course in GIS Image Analysis in Arc-GIS Pro
- ❖ Mrs. A.Lakshmi Prasanna completed Edx Course in The Industry and Profession in construction management.
- ❖ Mr. M.N.S.Sambasiva Rao completed Edx Course in The Industry and Profession in construction management.
- ❖ Mr. K.Jeya Vignesh completed Edx Course in The Industry and Profession in construction management.
- ❖ Mr. K.Anil kumar completed Edx Course in GIS Image Analysis in Arc-GIS Pro
- ❖ Mr. N.M. Subhani completed Edx Course in GIS Image Analysis in Arc-GIS Pro
- ❖ Mr Sk.Sydhya completed Edx Course in 3D printing Essentials-from design to reality.
- ❖ Mr. P.Naresh completed Edx Course in The Industry and Profession in construction management.
- ❖ Mrs. A.Lakshmi Prasanna completed Innovation Ambassidor training (IA)- Foundation level on 16-03-2024 by MOE's Innovation cell and AICTE.
- ❖ Mrs. A.Lakshmi Prasanna completed Innovation Ambassidor training (IA)- Advanced level on 18-03-2024 by MOE's Innovation cell and AICTE.
- ❖ Mr. M.N.S.Sambasiva Rao presented "Design of water distribution network for Yellamanda using EPANET software" in NEC-ICETCE 2K24, NEC-ICETCE 2K24 from 26-27 April 2024.
- ❖ Mrs. A.Lakshmi Prasanna presented "Analysis and Design of 247 Park by Using STAAD Pro." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Mrs. K.Yamuna presented "Analysis of Ground Water in Narasaraopet at Various Locations." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Mr. K.Jeya Vignesh presented "Analysis & Design of G+6 Residential Building by Using STAAD Pro." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Dr.P.Naga Sowjanya presented "Application of GIS in Water Supply Management Network." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Mrs. K.Yamuna presented "Design & Analysis of G+5 Residential Building Using STAAD Pro..." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Mr. M.N.S.Sambasiva Rao presented "Preparation of FMB using TOTAL STATION." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

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- ❖ Mrs. A.Lakshmi Prasanna presented “Planning and Execution of a Buildings.” in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Mrs.K.Siva Nagamani presented “Planning, designing, analysis and estimation of G+5 residential building” in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Mrs. K.Yamuna presented “A Study on Characteristic Strength of High Performance Concrete of M80 by Partial Replacement of Cement & Sand with Fly Ash & Robo Sand” in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Dr.P.Naga Sowjanya presented “Analysis of basalt fibre reinforced concrete with partial replacement of fine aggregate by foundry sand” in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Mr. K.Jeya Vignesh presented “An experimental study on self-healing concrete and its strength.” in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Mr. N.M.Subhani presented “An experimental investigation on strength properties of concrete with graphene oxide.” in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Mr. K.Anil Kumar presented “An experimental study on partial replacement of cement with rice husk ash in concrete” in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Mr. N.M.Subhani presented “Analysis and Design of G+5 Residential Building by Using STAAD Pro.” in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Mrs.K.Siva Naga mani presented “Partial replacement of cement and fine aggregate with wood ash and foundry sand in concrete.” in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Mrs. A.Lakshmi Prasanna presented “An Experimental Study on Partial Replacement of Cement with GGBS in Concrete.” in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Mr Sk.Sydhya presented “Use of Demolished Concrete Waste in Partial Replacement of Coarse Aggregate in Concrete.” in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Mr.P.Naresh presented “Partial Replacement of Fine and Coarse Aggregate with Quarry Dust and Coconut Shell” in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Mr Sk.Sydhya presented “An Experimental Study on Partial Replacement of Fine Aggregate by Quarry Dust in Concrete” in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Mr. K.Anil Kumar presented “Partial replacement of coarse aggregate with waste brick in concrete” in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

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

- ❖ Mr Sk.Sydhya attended Five day FDP on “Principles of Machine Learning” from 25-04-2024 to 30-04-2024 organized by Departments of CSE and Allied branches, NEC (A), Narasaraopet.
- ❖ Mr.N.Bhargav Kumar attended Five day FDP on “Principles of Machine Learning” from 25-04-2024 to 30-04-2024 organized by Departments of CSE and Allied branches, NEC (A), Narasaraopet.
- ❖ Mr Sk.Sydhya attended 10th international multi-disciplinary conference on current research trends-2024 from 02-02-2024 to 03-02-2024 by IMCCRT
- ❖ Mrs.A.L.Prasanna attended one day webinar on “Industrial oriented symposium conducted on 08-04-2024 by RGUKT-Ongole.
- ❖ Mrs.K.Yamuna attended Five day FDP on “Durability Challenges for Sustainable Concrete.” from 18-03-2024 to 22-03-2024,organized by SR University, Warangal in association with National Academy of Construction.

Student focus

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



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



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



- ❖ K Saidha Babu - 21475A0112 secured 1st Prize in Poster presentation in NOVUM- 2K24 organized by CIET, Chalapathi nagar, LAM, Guntur on 15th March 2024.



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



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



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



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



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



- ❖ Shaik Yasin - 21475A0109 secured 1st Prize in Paper presentation in NOVUM- 2K24 organized by CIET, Chalapathi nagar, LAM, Guntur on 15th March 2024.



- ❖ K.Anuhya & V.santhi raju presented "Design of water distribution network for Yellamanda using EPANET software" in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ B.Avinash & Battula Vamsi Sai Krishna presented "Analysis and Design of 247 Park by Using STAAD Pro." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Penumaka Tirumaleswar & Boppudi Harish Kumar presented "Analysis of Ground Water in Narasaraopet at Various Locations." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Kotla Chaitanya Reddy presented "Analysis & Design of G+6 Residential Building by Using STAAD Pro." in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Shaik Yasin & Kakunuri Saidababu presented "Application of GIS in Water Supply Management Network." in NEC-ICETCE 2K24,

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- Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Shaik Abdul Kaleem Basha presented “Design & Analysis of G+5 Residential Building Using STAAD Pro..” in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Gopala Krishna.T presented “Preparation of FMB using TOTAL STATION.” in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Polepogu Koteswara Rao presented “Planning and Execution of a Buildings.” in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Mondithoka Pramod presented “Planning, designing, analysis and estimation of G+5 residential building” in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Bojja Kejiya & Shaik Sharmila presented “A Study on Characteristic Strength of High Performance Concrete of M80 by Partial Replacement of Cement & Sand with Fly Ash & Robo Sand” in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Salma Suleiman shaik presented “Analysis of basalt fibre reinforced concrete with partial replacement of fine aggregate by foundry sand” in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ T. Bhavani Prasad & Mekala saketh presented “An experimental study on self-healing concrete and its strength.” in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ N.B.S.Asish Reddy presented “An experimental investigation on strength properties of concrete with graphene oxide.” in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ B.V.Gopi Krishna & Ramisetty Hemanth presented “An experimental study on partial replacement of cement with rice husk ash in concrete” in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Anupoju Indrasena presented “Analysis and Design of G+5 Residential Building by Using STAAD Pro.” in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Chappidi Chinna Babu presented “Partial replacement of cement and fine aggregate with wood ash and foundry sand in concrete.” in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Induri Subbareddy & Shaik.Mohammad Suhib presented “An Experimental Study on Partial Replacement of Cement with GGBS in Concrete.” in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Returi chinna Ajay presented “Use of Demolished Concrete Waste in Partial Replacement of Coarse Aggregate in Concrete.” in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Kattekota Mahim Kuma presented “Partial Replacement of Fine and Coarse Aggregate with Quarry Dust and Coconut Shell” in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Srigiri KotiReddy presented “An Experimental Study on Partial Replacement of Fine Aggregate by Quarry Dust in Concrete” in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.

- ❖ Angalakuditi Abhi presented “Partial replacement of coarse aggregate with waste brick in concrete” in NEC-ICETCE 2K24, Organized by Civil Engineering Department at NEC from 26-27 April 2024.
- ❖ Thirty three students from IV & III completed NPTEL courses
- ❖ **Important Activities held in the Department**
- ❖ Civil Engineering Department organized an Expert lecture program on Innovations in Structural Engineering by Dr.Karthikeyan., M.Tech.,PhD Assoc. Professor, HOD-CE, VFSTR, Guntur on 23-01-2024.



JUBILATION 2K24

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

- ❖ The details of Power point presentation winners are mentioned

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



- ❖ The details of technical quiz winners are mentioned below



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

❖ The details of Model making winners are mentioned below.



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

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

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

NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)

Hearty Welcome to DELEGATES

4th INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN CIVIL ENGINEERING

NEC-ICETCE-2K24

26th & 27th April, 2024

KEYNOTE SPEAKER

Dr. VENKATA RAO GUNDAPUNENI
Research Associate,
Southern Methodist University,
Dallas, Texas, USA

Organized by
DEPARTMENT OF CIVIL ENGINEERING



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



NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)

DEPARTMENT OF CIVIL ENGINEERING

II B.Tech-I Semester, CE Toppers List (2022 Batch) January, 2024

 T. YOHANU 23475A0102 9.02	 SK. HUSAIN VALI 23475A0103 8.74	 D. JEEVAN KUMAR 22471A0102 7.91	 V.G.K. MURTHY 23475A0119 7.77	 K. GRESHMANJALI 23475A0109 7.71
 T. DURGA PRASAD 23475A0110 7.69	 M. NAVADEEP 23475A0105 7.63	 SK. BABJI 23475A0104 7.28	 PALLA LOKESH 23475A0106 7.21	 K. KATYAYANI 23471A0103 7.21

Management, Principal, HOD & Faculty Express their Hearty Congratulations to Toppers in II B.Tech I Sem

Alumni Voice



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

P .Raghu Vamsi, Regd. No.18471A0132, Trainee associate, Formonic Technology, Hyderabad.

Academic toppers

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

NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)

DEPARTMENT OF CIVIL ENGINEERING

IV B.Tech-I Semester, CE Toppers List (2022 Batch) January, 2024

 B.V.S. KRISHNA 20471A0103 8.57	 B.V.S. KRISHNA 21475A0121 8.5	 SHAIK YASIN 21475A0109 8.43	 P. VENU GOPAL 21475A0114 8.24	 M. PRAMOD 21475A0117 8.15	 SHAIK MUSTAQ 20471A0147 8.11
 BOJJA KEIYA 21475A0108 8.11	 K.V.R. S. ANJANEY 21475A0103 8.04	 SK. SALMA SULEIMAN 20471A0142 8.02	 CH. CHINNA BABU 20471A0168 7.91	 M. SIVAJI 21475A0104 7.91	 SK. SHARMILA 21475A0106 7.91

Management, Principal, HOD & Faculty Express their Hearty Congratulations to Toppers in IV B.Tech I Sem

Student's Voice



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

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

NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)

DEPARTMENT OF CIVIL ENGINEERING

III B.Tech-I Semester, CE Toppers List (2021 Batch) January, 2024

 A.L.HARSHITHA 21471A0103 9.16	 D. MESANIMA 21471A0106 8.88	 M. ASHOK 21471A0128 8.47	 CH. CHIRANJEEVI 22475A0104 8.47	 N. C. SEKHAR 22475A0114 8.47
 P.V.S.LAKSHMANA 22475A0105 8.33	 P. PEDDABAI 22475A0107 8.19	 T.MANJUNATHESWAR 21471A0120 8.12	 V. KUMAR NAIK 22475A0116 8.12	 S. TAGORE 22475A0125 8.12

Management, Principal, HOD & Faculty Express their Hearty Congratulations to Toppers in III B.Tech I Sem

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