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IV year, Civil

Salma Suleiman Sk

IV year, Civil

B. Udaya Manikanta

III year, Civil

K. Charan

III year, Civil







#### Vision

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

#### Mission

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

## **New Trends in Technology**

#### **Kinetic Footfall**

Another technology is kinetic energy which is under development that is Pavegen provides a technology that enables the flooring to harness the energy of footsteps.

It may be utilized indoors or outdoors in high-traffic areas and generates electricity from pedestrian footfall using an electromagnetic induction process and flywheel energy storage.



The Kinetic footfall is most efficient to transport hubs where a large flow of people will pass over it.

The company deployment done so far is on a football pitch in Rio de Janeiro to help power the floodlights around the pitch.

It has been temporarily installed outside London's Canary Wharf station powering street lights.

#### **Modular Construction**

It includes the building constructed off-site using the same materials and designed to the same standards as conventional on-site construction. It also helps in limiting environmental disruption, delivering components as and when needed, and turning construction into a logistics exercise.



It also offers strong sustainability benefits, from fewer vehicle movements to less waste. By using this method with up to 70 percent of a building produced as components, it allows a move towards "just in time" manufacturing and delivery.

This method is currently popular in the United States and the UK, Chinese developer Broad Sustainable Building recently completed a 57-story skyscraper.

### **Faculty Focus**

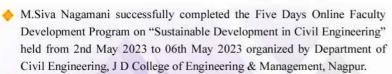
- M.N.S.SambaSiva Rao Completed Surface water Hydrology NPTEL Course with Elite Status.
- A.Lakshmi Prasanna Completed Concrete Technology NPTEL course with Elite Status.

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

- M.N.S.SambaSiva Rao has successfully participated in IP Awareness/Training program under National Intellectual Property Awareness Mission on March 10, 2023 organised by Intellectual property office, INDIA.
- M.N.S.SambaSiva Rao successfully completed the Five Days Online Faculty Development Program on "Sustainable Development in Civil Engineering"held from 2nd May 2023 to 06th May 2023 organized by Department of Civil Engineering, J D College of Engineering & Management, Nagpur.
- K.Anil Kumar successfully completed the One-week Online Faculty Development Program on "Recent Advancements in Waste Remediation, Geo-spatial Techniques and Hydrologic Systems"held from 30th January 2023 to 04th February 2023 organized by Department of Civil Engineering, Vardhaman College of Engineering, Shamshabad, Hyderabad.
- K.Anil Kumar has successfully participated in IP Awareness/Training program under National Intellectual Property Awareness Mission on March 10, 2023 organised by Intellectual property office, INDIA.
- N.M.Subhani has successfully participated in IP Awareness/Training program under National Intellectual Property Awareness Mission on March 10, 2023 organised by Intellectual property office, INDIA.
- MrS.A.L.Prasanna successfully completed the One-week Online Faculty Development Program on "Recent Advancements in Waste Remediation, Geo-spatial Techniques and Hydrologic Systems"held from 30th January 2023 to 04th February 2023 organized by Department of Civil Engineering, Vardhaman College of Engineering, Shamshabad, Hyderabad.
- MrS.A.L.Prasanna has successfully participated in IP Awareness/Training program under National Intellectual Property Awareness Mission on March 10, 2023 organised by Intellectual property office, INDIA.
- MrS.A.L.Prasanna successfully completed the Five Days Online Faculty Development Program on "Sustainable Development in Civil Engineering"held from 2nd May 2023 to 06th May 2023 organized by Department of Civil Engineering, J D College of Engineering & Management, Nagpur.
- M.Siva Nagamani successfully completed the One-week Online Faculty Development Program on "Recent Advancements in Waste Remediation, Geo-spatial Techniques and Hydrologic Systems"held from 30th January 2023 to 04th February 2023 organized by Department of Civil Engineering, Vardhaman College of Engineering, Shamshabad, Hyderabad.
- M.Siva Nagamani has successfully participated in IP Awareness/Training program under National Intellectual Property Awareness Mission on March 10, 2023 organised by Intellectual property office, INDIA.



## **Dreamt it We Built it!**



- K.Meghanadh successfully completed the One-week Online Faculty Development Program on "Recent Advancements in Waste Remediation, Geo-spatial Techniques and Hydrologic Systems"held from 30th January 2023 to 04th February 2023 organized by Department of Civil Engineering, Vardhaman College of Engineering, Shamshabad, Hyderabad.
- K.Meghanadh has successfully participated in IP Awareness/Training program under National Intellectual Property Awareness Mission on March 10, 2023 organised by Intellectual property office, INDIA.
- K.Jeya Vignesh successfully completed the One-week Online Faculty Development Program on "Recent Advancements in Waste Remediation, Geo-spatial Techniques and Hydrologic Systems"held from 30th January 2023 to 04th February 2023 organized by Department of Civil Engineering, Vardhaman College of Engineering, Shamshabad, Hyderabad.
- K.Jeya Vignesh has successfully participated in IP Awareness/Training program under National Intellectual Property Awareness Mission on March 10, 2023 organised by Intellectual property office, INDIA.
- K.Jeya Vignesh successfully completed the Five Days Online Faculty Development Program on "Sustainable Development in Civil Engineering" held from 2nd May 2023 to 06th May 2023 organized by Department of Civil Engineering, J D College of Engineering & Management, Nagpur.
- P.Sai charan, M.N.S.Samabasiva Rao presented "Design and Analysis of Water Distribution Network Using WATERGEMS Software" in NEC-ICETCE 2K23, organized by Civil Engineering Department at NEC from 23-24 June 2023
- K.Rosaiah, Dr.P.Naga Sowjanya presented "Partial Replacement of Cement by Glass Powder in Concrete" in NEC-ICETCE 2K23, Organized by Civil Engineering Department at NEC from 23-24 June 2023.
- G.Siva Manikanta Kumar, Dr.P.Naga Sowjanya presented "Geoserver Establishment and Development of Web Inter Face to Application of Irrigation Works" in NEC-ICETCE 2K23, Organized by Civil Engineering Department at NEC from 23-24 June 2023.
- Ajay Kumar.G,K.Jeya Vignesh presented "Optimization Of Time And Resources Using Primavera on G+5 Residential Building"in NEC-ICETCE 2K23, Organized by Civil Engineering Department at NEC from 23-24 June 2023.
- K.Hima Bindu,K.Anil kumar presented "Estimation And Quality Analysis of Ground Water With Effect Of Mining In Kotappakonda Region" in NEC-ICETCE 2K23, Organized by Civil Engineering Department at NEC from 23-24 June 2023
- V.Gopi,G.Anjaneyulu presented "Sesismic analysis of G+10 RC framed structure by using E-Tabs" in NEC-ICETCE 2K23, Organized by Civil Engineering Department at NEC from 23-24 June 2023.
- K.Krishna Deep,M.Siva Naga Mani presented "Analysis and design of Residential building (G+5) by using STAAD PRO" in NEC-ICETCE 2K23, Organized by Civil Engineering Department at NEC from 23-24 June 2023.
- Baji.P,K.Meghanadh presented "Analysis and design of commercial building (G+6) by using STAAD PRO" in NEC-ICETCE 2K23, Organized by Civil Engineering Department at NEC from 23-24 June 2023.

- B.Srinivasa Rao, G.Anjaneyulu presented "Manufacturing of Bricks from Black Cotton Soil by Using Plastic as Stabilizer" in NEC-ICETCE 2K23, Organized by Civil Engineering Department at NEC from 23-24 June 2023.
- K.Madhuri,K.Jeya Vignesh presented "Experimental Study On The Compressive Strength Of Carbon Fibre Reinforced Polymer Concrete" in NEC-ICETCE 2K23, Organized by Civil Engineering Department at NEC from 23-24 June 2023.
- A.Devi Varaprasad,K.Anil Kumar presented "Partial Replacement Of Coarse Aggregate by waste ceramic tiles in concrete" In NEC-ICETCE 2K23, Organized by Civil Engineering Department at NEC from 23-24 June 2023.
- P.Govardhan, G.Anjaneyulu presented "Study on Partial Replacement Of Coarse Aggregate by Jhama Bricks in Concrete" in NEC-ICETCE 2K23, Organized by Civil Engineering Department at NEC from 23-24 June 2023.
- K.Naga Yasaswini, A.Lakshmi Prasanna presented "Partial Replacement of Aggregate With plastic waste" in NEC-ICETCE 2K23, Organized by Civil Engineering Department at NEC from 23-24 June 2023.
- K.Naga Yasaswini, A.Lakshmi Prasanna presented "Partial Replacement of Aggregate With plastic waste" in NEC-ICETCE 2K23, Organized by Civil Engineering Department at NEC from 23-24 June 2023.
- A.Pooja, A.Lakshmi Prasanna presented "Partial Replacement of Aggregate with Recycled Concrete" in NEC-ICETCE 2K23, Organized by Civil Engineering Department at NEC from 23-24 June 2023.
- K.Venu Gopal, A.Lakshmi Prasanna presented "Improvement of Compressive Strength of Pervious Concrete" in NEC-ICETCE 2K23, Organized by Civil Engineering Department at NEC from 23-24 June 2023.
- T.Chandra Naga Akhil,M.Siva Naga Mani presented "Partial Replacement of Cement With Sugarcane Bagasse Ash In Concrete" in NEC-ICETCE 2K23, Organized by Civil Engineering Department at NEC from 23-24 June 2023.
- N.Akhil Krishna,M.Siva Naga Mani presented "Adition of Basalt fibre in concrete with Partial Replacement of fine aggregate by foundry sand" in NEC-ICETCE 2K23, Organized by Civil Engineering Department at NEC from 23-24 June 2023.
- G.Lakshmi Sai Sumanth, K.Meghanadh presented "A Strength Analysis on concrete by replacing the fine aggregate with quarry dust and copper slag" in NEC-ICETCE 2K23, Organized by Civil Engineering Department at NEC from 23-24 June 2023.
- M.Kiranmai, N.M.Subhani presented "Investing The Performance of Fly Ash and GGBS Based Geopolymer Concrete" in NEC-ICETCE 2K23, Organized by Civil Engineering Department at NEC from 23-24 June 2023.
- K.Siva ,N.M.Subhani presented "Use of Metakalin as pozzolanic material and Partial Replacement with cement in concrete" In NEC-ICETCE 2K23, Organized by Civil Engineering Department at NEC from 23-24 June 2023.







P.Venkata Narendra ,N.M.Subhani presented "An experimental investigation on properties of concrete with waste foundry sand" In NEC-ICETCE 2K23, Organized by Civil Engineering Department at NEC from 23-24 June 2023

#### Student focus

- IV B.Tech, Civil, M. Kiranmai (20475A0126) &U.Durga (20475A0148) got Third Prize in Rangoli competition in Sankranthi celebrations 2023 in Narasaraopeta Engineering College (A), Narasaraopet.
- III B.Tech, Civil, P. Tirumaleswar (21475A0116) & B. Vamsi Sai Krishna (21475A0121) got Third Prize in 3D Art Competeion in Sankranthi celebrations 2023 in Narasaraopeta Engineering College (A), Narasaraopet.
- IV B.Tech, Civil, T. Naga Akhil (20475A0101) got Consolation Prize in Traditional Dress competition (Boys) in Sankranthi celebrations 2023 in Narasaraopeta Engineering College (A), Narasaraopet.
- P.Kishore (19471A0141) & N.Sasi Kumar 20475A0119 wins Third place in Volley Ball (Men's) in National Level sports fest KL University on 31-01-2023.



II B.Tech, Civil, P.Manikanta (22475A0119) got Second place in 400m run in National Level Techno cultural sports fest organized by UCET on 09th & 10th February 2023.



- IV B.Tech, Civil, Ch.Pujitha (19471A0111) got Second Prize in Pragya-2K23 (PPT) in TEC, Narsaraopeta on 16-03-2023.
- A.Pooja (19471A0101), P.Koteswara Rao (21475A0113), N.Gopal Koteswara Rao (21475A0119) & K.Rosaiah (19471A0124) got Second Prize in Pragya-2K23 (Technical Quiz) in TEC, Narsaraopeta on 16-03-2023.
- P.Kishore (19471A0141) wins Volley Ball Tournament in Pragya-2K23 in TEC, Narsaraopeta on 16-03-2023.



♦ IV B.Tech, Civil, Ch.Pujitha (19471A0111) & III B.Tech, Civil SK.Yasin
(21475A0109) got First Prize in NOVUM-2K23 (Model Making) in CIET,
Guntur on 17-03-2023.

IV B.Tech, Civil, Ch.Pujitha (19471A0111) got First Prize in NOVUM-2K23 (PPT) in CIET, Guntur on 17-03-2023.





K.Rosaiah (19471A0124), P.Koteswara Rao (21475A0113) & N.Gopal Koteswara Rao (21475A0119) got First Prize in NOVUM-2K23



- IV B.Tech, Civil, Ch.Pujitha (19471A0111) got first Prize in LUCENT-2K23 (Puzzle) in JNTUN, Narasaraopet on 11-04-2023.
- ♦ IV B.Tech, Civil, Ch.Pujitha (19471A0111) got first Prize in LUCENT-2K23 (PPT) in JNTUN, Narasaraopet on 11-04-2023.



- ♦ IV B.Tech, Civil, Ch.Pujitha (19471A0111) & T.Subrahmanyam (20475A0134) got second Prize in LUCENT-2K23 (Quiz) in JNTUN, Narasaraopet on 11-04-2023.
- Ch.Chiranjeevi (22475A0104), M.Sai Nagendra (22475A0115) & T. N.Kesav (22475A0118) got first Prize in LUCENT-2K23 (Quiz) in JNTUN, Narasaraopet on 11-04-2023.



- Twenty students from II B.Tech completed their NPTEL course.
- Twenty four students from II B.Tech completed their NPTEL course



T.Mohan Gopi presented "Seismic Response of R.C.C High Rised Buildings in Different Zones with Location of Shear Wall" in NEC-ICETCE 2K23, Organized by Civil Engineering Department at NEC from 23-24 June 2023.







- P. Sharuk Khan presented "Study on Strength Properties of Concrete by Replacement of Cement by Egg Shell, Rice Husk Ash and Fly Ash" in NEC-ICETCE 2K23, Organized by Civil Engineering Department at NEC from 23-24 June 2023.
  - E. Santosh Kumar presented "Strength and Durability Properties of Self-Compaction Concrete" in NEC-ICETCE 2K23, Organized by Civil Engineering Department at NEC from 23-24 June 2023.
- Twelve students from IV Civil placed in TECHMAHINDRA and are listed below.

19471A0102	Ainala Bharath Kumar	
19471A0107	Arekanti Sivaji	
19471A0113	Cherukuri Raju	
19471A0121	Gunturu Sai Pragna	
19471A0127	Karasala Mastan Rao	
19471A0139	Nagam Akhil Krishna	
19471A0147	Priyanka Marriboyina	
19471A0155	Shaik Pedda Baji	
20475A0108	Konatham Koteswara Rao	
20475A0124	Ragam Karunakar	
20475A0137	Daggumati Manohar	
20475A0155	Gunisetty Venkateswarlu	

Twelve students from IV Civil placed in CORPTEAM solutions and are listed below

19471A0108	Bandaru Kiran Raju
19471A0116	Dupati Narasimha Rao
19471A0124	Kakani Rosaiah
19471A0132	Kovuri Karuna Kumar
19471A0145	Pasupuleti Venkata Naga Narasimharao
19471A0154	Shaik Mahaboob Khaja
20475A0106	Kancharagunta Krishna Deep
20475A0122	Poppusani Narsi Reddy
20475A0131	Gunji Teja Kiran
20475A0143	Koppula Madhuri
20475A0146	Bojjagani Tejaswi
20475A0153	Gutthi Dharma Teja Sai

Thirteen students from IV Civil placed in SAVANTIS Solutions India Pvt Ltd and are listed below

19471A0104	Akula Lakshmi Narayana
19471A0109	Bandaru Srinivasarao
19471A0115	Dronadula Mahendra Reddy
19471A0122	Gurram Nagarjuna
19471A0129	Konidela Sunilkumar
19471A0135	Malempati Venkata Vamsi Krishana
19471A0143	Parchuri Kishore
19471A0152	Shaik Imran
20475A0103	Shaik Nagur Jani
20475A0115	Baji Perecherla
20475A0126	Merajothu Kiranmai
20475A0140	Bobba Sandeep Kumar
20475A0148	Uppu Kanaka Durga

Thirteen students from IV Civil placed in TATA STRIVE and are listed below.

19471A0106	Annam Sri Devi Vara Prasad
19471A0117	Ganjimalla Solomon Praveen
19471A0131	Kotapati Siva
19471A0142	Parakandla Sai Charan
19471A0151	Shaik Arifulla
20475A0104	Yajali Vamsi
20475A0113	Kotthala Vandana
20475A0123	Kokati Naga Yasaswini
20475A0135	Gudipudi Siva Naga Manikanta
20475A0136	Arava Kasaiah
20475A0141	Kolakani Venkata Thirupathi Rao Raju
20475A0147	Munaga Lakshmaiah
20475A0154	Thaticherla Venkata Kasi Bharath

### Important Activities held in the Department

Civil Engineering Department of Narasaraopeta Engineering College, Narasaraopet organized an Expert lecture on "Analysis of Waste water for Utilization in Concrete" delivered by Dr.M. Karthikeyan, Associate Prof, Vignan's University on 24-01-2023. All the II, III, IV B.Tech civil engineering students participated in this program.



Civil Engineering Department of Narasaraopeta Engineering College, Narasaraopet organized an Expert lecture on "Utilization of Industrial and Agricultural by-Products in the construction sector: A waste to Wealth Approach" delivered by Dr.SK.Mahabub Subhani, Assistant Professor, NIT-AP on 09-03-2023. All the II, III, IV B. Tech civil engineering students participated in this program.



In Collaboration with Ladder Survey Institute of Technology, Chennai, The Civil Engineering Department of Narasaraopeta Engineering College, Narasaraopet organized a five days' workshop on "land survey using total station" from February 13th to February 17th, 2023. Mr. MR. Dinesh, chief executive officer, served as resource people for this training. About 109 civil students in their final year took part in this program.









- In Association with APSSDC the Civil Engineering Department of Narasaraopeta Engineering College, Narasaraopet organized a two-week workshop on "ETABS" from 27th Feb 2023 to 10th March 2023. Ms. M. Pravallika, APSSDC Trainer served as resource people for this training. About 111 civil students in their final year took part in this program.
  - Guntur, Andhra Pradesh, India 53X4+FFW, N E C Rd, Andhra Pradesh 522811, India Lat 10.108818\* Long 80.056543\*
- Narasaraopeta Engineering College organized Farewell Party on 21th 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. Function began with a floral welcome of Mr.M.V.Koteswara Rao, Chairman. Mr. Dr.M.Sreenivasa Kumar, Principal, Er.R.Raja Naik, Executive Engineer, R&B Department, Mrs. Dr.P.Naga Sowjanya, HOD of Civil Engineering Department by staff and students.





Civil Engineering Department of Narasaraopeta Engineering College, Narasaraopet organized an Expert lecture on "Concrete Technology" delivered by Dr. M. Sathish Kumar, Assoc Professor, KHIT on 26-04-2023. III B.Tech civil engineering students participated in this program



Civil Engineering Department of Narasaraopeta Engineering College, Narasaraopet organized an Expert lecture on "Water Quality Assessment" delivered by Dr. D. Satish Chandra, Professor, Vignan University on 27-04-2023. III B.Tech civil engineering students participated in this program.



**JUBILATION 2K23** 

The Department of Civil Engineering successfully completed Jubilation 2K23 i.e A National Level Student Tech Fest. Around 125 students participated from different Colleges in the events like Technical Puzzle, Model Making, Technical Quiz and Technical Paper Presentation. Dr.J.Jaya

- Krishna, Associate Professor from Chalapathi Institute of Technology acted as a Judge for the above events. 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	T.Subramanyam (20475A0134) & G.Mani Kanta (20475A0135)	NEC, Narasaraopet	I
2	SK.MD.Ibraheem & K.Mohan Venkat	JNTU- Narasaraopeta	П
3	V.Bala Manikanta	KITS,Guntur	III

The details of technical quiz winners are mentioned below



S. No.	Participant Name	College Details	Position
1	B.Vamsi (21475A0121)	NEC, Narasaraopet	I
	P.Koteswara Rao		
	(21475A0113) N.Gopal(21475A0119)		
2	A.Pooja(19471A0101) K.Rosaiah(19471A0124)	JNTU- Narasaraopeta	11
	V.Gopi(20475A0130)		





The details of Model making winners are mentioned below.



S. N	Participant Name	College Details	Positi on
0.			
1	Sk.Abdul Khadar Jilani	NEC, Narasarao	I
	(20475A0114)	pet	
	B.Sarath		
	Reddy(20475A0138)		
	B.Sandeep		
	Kumar(20475A0140)		
2	S.Koti Reddy(20471A0150)	NEC,	П
	I.Hemanth (20471A0102)	Narasarao pet	
	G.Mahesh (20471A0109)		
3	G.Anil Kumar	NEC,	III
	(20475A0109)	Narasarao	
	A.Kasaiah (20475A0136)	pet	
	Y.Vamsi (20475A0104)		

The details of Technical Puzzle winners are mentioned below



S. No.	Participant Names	College Details	Posi tion
1	Ch.Pujitha (19471A0111)	NEC, Narasarao pet	I
2	Sk.Yasin (20475A0109)	NEC, Narasarao pet	П

Civil Engineering Department has organized 3rd International conference on "ICETCE 2K23" conducted by Department of Civil Engineering, Narasaraopet Engineering College (Autonomous) Narasaraopet from 23-6-2023 to 24-6-2023



### Industrial Visit

The Department of Civil Engineering organized an industrial visit for 22 Batch II B.Tech CE (Laterals) Students to visit Mittapalli Spinners Ltd., Kotappakonda Road, ChinaTurakapalem, Narasaraopet, on February 06, 2023 as part of extracurricular activities. There were 32 students and one faculty members present when they visited the factory units.



### Alumni Interaction:

P.Aalay Bhanu (18471A0134) shared his knowledge regarding career options experience with IV B.Tech civil students.



### Academic toppers

V, III, II B.Tech students who stood top in their Academic Semester exams.







**Dreamt it We Built it!** 





#### 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 expo sure 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.

Ch.Pujitha, Regd.No.1947140111 Batch (2019-2023)

## Student's Voice



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

SK. Yasin, Regd. No. 21475A0109, IV B. Tech