

Chairman: Capt. V. Lakshmikantha Rao, Secretary & Correspondent

Chief Editor: Dr. K. Ashoka Reddy, Principal

Editor In-charge: Dr. S. Sunil Pratap Reddy, Associate Professor, CED

Smt. Ch. Sree Laxmi Pavani, Assistant Professor, CED

Student Editorial Board: G. Somanath reddy(IV/IV), A. Shashank(III/IV), K. Chidu Datta (III/IV), D. Manvitha (III/IV), V. Hari keerthi(III/IV), Ch. Vishnu Vardhan(II/IV), B. Snehankitha (II/IV)

Patron: Sri P. Narayana Reddy, Treasurer

Editor: Dr. M. Srikanth, Professor & HoD, CED

Vision of the Department:

> The Vision of the department is to become a leading Centre of excellence in producing quality human resource in civil engineering by developing a sustainable technical education system to meet the changing technological needs of the Country. The Department will make significant contributions to the economic development of the state, region and nation.

Mission of the Department:

- > To produce outstanding Civil Engineering graduates with highest ethics
- > To impart quality education in civil engineering to raise satisfaction level of all stake holders.
- > To serve society and the nation by providing professional civil engineering leadership to find solution to community, regional and global problems and accept new challenges in rapidly changing technology.

Programme Educational Objectives (PEOs):

The Programme Educational Objectives (PEOs) of the civil engineering program are designed to produce skilled engineers who are ready to contribute effectively to the civil engineering profession and are ready to handle the challenges of the profession. The Programme Educational Objectives (PEOs) are defined considering the opinion of all the stakeholders.

PEO 1	Demonstrate professional competency in varied fields of engineering industry and/or pursue higher education by nourishing mathematical scientific and engineering precepts.
PEO 2	Investigate, analyze and design solutions to complex civil engineering problems ensuring safety, sustainability and ecological harmony.
PEO 3	Exhibit professionalism by transferring latest technology and understanding societal impacts to protect interests of the public at large.
PEO 4	Develop competence by engaging in lifelong learning, in order to integrate ethics, economics and equity.

Programme Outcomes (POs):

PO1	Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.	Engineering knowledge
PO2	Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.	Problem analysis
PO3	Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.	Design/development of solutions
PO4	Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.	Conduct investigations of complex problems
PO5	Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.	Modern tool usage
PO6	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.	The engineer and society
PO7	Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.	Environment and sustainability
PO8	Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practices.	Ethics
PO9	Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings	Individual and team work
PO10	Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.	Communication
PO11	Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.	Project management and finance
PO12	Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.	Life-long learning

Program Specific Outcomes (PSO's)

PSO 1	Apply fundamental computational methods and elementary analytical techniques in sub-disciplines related to civil engineering
PSO 2	Design civil engineering structures, component, or process to meet desired needs with appropriate consideration for the public health and safety, cultural, societal, sustainability environmental considerations
PSO 3	Appreciate professional and ethical responsibility concerning legal, contemporary, environmental & cultural issues and consequent responsibilities relevant to the profession engineering practices and norms of civil engineering practice code.
PSO 4	Appreciate the role of research in civil engineering practice and recognize the need for engage in life- long learning in civil engineering and allied domains as relevant to rapidly changing technology.

Chief Editor Message:

It gives me immense pleasure in welcoming NEWSLETTER, on behalf of the entire campus community of KITS Warangal. This newsletter will serve to reinforce and allow increased awareness, improved interaction and integration among all of us. This inaugural issue is a brief account of the important events of Civil Department. I congratulate all those who have contributed in bringing out this issue. I hope this newsletter will inspire all of us for a new beginning enlighten with hope, confidence and faith in each other.

- Dr. K. Ashoka Reddy, Principal



Editor Message:

KITSW is well known for its academic excellence and dedicated approach towards dissemination of knowledge in the academic world. It gives me immense joy and satisfaction to finally pioneer the newsletter of Civil Engineering Department. A lot of effort has gone into the making of this issue. The best thing about this issue is that it represents the creative side of students to a fair degree. So this time an attempt is made to bring out the talent concealed within our student community. This issue includes news of articles, technical events, symposiums etc. We hope you enjoy reading this issue as much as we have enjoyed making it. Finally, I anticipate that this newsletter will instigate all of us for a novel start.

- Dr. M. Srikanth, Professor & Head, CED



Editor In-charge Message:

It is with great honor and great pleasure for us to involve in laying the ground work of this newsletter. We congratulate the Editorial Team for their hard work in producing this Newsletter. We are absolutely certain that the best is yet to come. We hope that you will enjoy reading this newsletter.



Dr. S. Sunil Pratap Reddy
Associate Professor, CED



Smt. Ch. Sree Laxmi Pavani
Assistant Professor, CED



CEA Events list (academic year 2022-2023)

Event No.	Date	Event Name	Description
1	05-09-2022	Inaugural of CEA Body 2022-23	Dr. M. Srikanth, the department head, addressed the gathering and introduced the Civil Engineering Association (CEA) poster during this first session. The in-charge faculty announced the student body and provided a brief overview of the Civil Engineering Association.
2	12-09-2022	Work shop	The workshop was attended by all of the CED teachers and around 120 students. VARSHA addressed the gathering on behalf of the CANTER CADD institution during this session.
3	19-09-2022	Guest Lecture	Yogesh Karyakarte, Senior Manager of GIS, addressed the meeting during this session. GIS (Geographic Information System) is one of India's major Technology Solutions, having begun in 1994. Esri is also a bronze partner. GIS develops, analyses, and maintains maps and data of all sorts.
4	26-09-2022	Poster & Paper Presentation	The whole department professors as well as all of the department students were there. This provided students with the chance to receive hands-on experience with various building phases. The convention centre's layout was described to all of the students.
5	17-10-2022	Quiz-1	In this event the participants were divided into four groups to compete among themselves by answering the quiz questions which focused on technical and practical oriented civil engineering questions. Technical quiz was conducted by final year students coordinating second- and third-year students.
6	7-11-2022	Quiz -2	Technical quiz was conducted by final year students coordinating second- and third-year students. In this event the participants were divided into four groups to compete among themselves by answering the quiz questions which focused on technical and practical oriented civil engineering questions.
7	14-11-2022	Fun Event	"On the eve of Children's Day, November 14th, the civil engineering association held a cultural event (Fun Fiesta) in the auditorium. As this was a cultural event, many students from the second, third, and fourth years participated with zest and excitement."
8	21-11-2022	Career Guidance	The meeting was addressed by an IMFS official at this session. This institute's major goal is to take engineering to new heights. IMFS is India's premier international education consultant. They offer advice to students who want to travel overseas.
9	28-11-2022	Alumni intreaction	This session was conducted by a famous construction company named Rudra Constructions and the representative from Rudra constructions gave a perfect explanation about how civil engineers plays a vital role in the society .



Dr. M. Srikanth, HoD CED, Faculty Coordinators of Cea launching the cea 2022-2023 poster

Engineer’s day

The Department of Civil Engineering in collaboration with NIT-Warangal's Science Communication Peoples Education (SCoPE) Telugu, and the Central Government's Vigyan Prasar-Department of Science and Technology, have jointly organized the talk on "Joys and Wonders of Civil Engineering" on Engineers' Day.

According to Central Designs Organisation-Hyderabad, Chief Engineer Z Srinivas Rao, communication in the native language will be critical in instilling scientific temperament and technical abilities within the student community. "Notable engineer Mokshagundam Visvesvaraya spent his post-graduation (PG) in an art group before becoming a world-class structural engineer. "If you have an interest, you may go into any sector to achieve your self-esteem or objective," he remarked while speaking at a one-day national symposium and a special commemorative invited discussion on "Joys and Wonders of Civil Engineering".



Civil Engineering faculty and principal with guests during engineers day

Prof KV Jaya Kumar, a keynote speaker, stated that students should be schooled in their own tongue, but they should also learn how to communicate effectively in English. "In India, 58 percent of IAS officers are engineering graduates," he remarked, emphasising engineers' growing prominence and dispersion across all fields. Prof K Laxma Reddy, Principal Investigator SCoPE at NIT-Warangal, stated that the major goal of SCoPE was to popularise scientific abilities among the general public. Prof A Ramachandraiah, Coordinator SCoPE, stated that knowledge of Atmanirbhar Bharath must be raised in order to increase our country's self-reliance and GDP.



Yuvan’ 22 poster



Dr. M. Srikanth HoD, awarding man of the match to Asst Prof Sri S. Raja Shekar

Yuvan’22

Yuvan is a cricket match that welcomes both faculty and students, held on December 3, 2022. Students and Faculty competed with each other with great zeal and excitement. In the game, everyone displayed their sportsmanship. The first innings side managed to score 108 runs in 15 overs after the Students won the toss and decided to bowl first in the game. The student's squad succeeded in taking 8 wickets. Both teams entered the second innings with the same spirit, and the student's team managed to put 110 runs on the board in 14.5 overs. The student's team won the competition by showcasing a round performance. Assistant Professor Sri S. Raja Shekar was awarded man of the match after scoring 39 runs and for sending two batsmen to the pavilion. The entire event was magnificent and prosperous. The efforts of the participants were encouraged and appreciated by the spectators. This event was done under the faculty coordination of Dr. N. Gangadhar Reddy Assistant Professor, CED, and Student Coordinator Mr. K. Sai Teja.



Yuvan’22 faculty and students team

“ENGINEERS LIKE TO SOLVE PROBLEMS. IF THERE ARE NO PROBLEMS HANDILY AVAILABLE, THEY WILL CREATE THEIR OWN PROBLEMS”

– SCOTT

Newsletter



VOL 11, ISSUE 1

Page 5

List of Placement for academic year 2022-2023

		T&P REGISTERED STUDENTS		T&P REGISTERED STUDENTS	
S.No	Roll No.	Name of the student	Selected company	CTC (LPA)	
1	B19CE006	GARLAPATI SOMNATH REDDY	ACCENTURE - ASE MINDTREE TCS NINJA	4.50	4.00 4.00
2	B19CE018	URADI RAJU	MINDTREE	4.00	
3	B19CE023	YENUGULA RASHMITHA	MINDTREE	4.00	
4	B19CE027	BAIRY MEDHASVEE	COGNIZANT GENC ACCENTURE - ASE	4.00,4.50	
5	B19CE028	GADDAM SRAVANTHI	ACCENTURE - ASE	4.50	
6	B19CE037	CHITIKANENI SHIVA PRASAD	MINDTREE, TCS NINJA	4.00, 4.00	
7	B19CE038	KUSUMA TEJA	MINDTREE	4.00	
8	B19CE039	JATOTH SHIVARAM	MINDTREE	4.00	
9	B19CE042	DARA DEEPIKA	MINDTREE	4.00	
10	B19CE045	KOYYADA AVINASH	ACCENTURE - ASE, TCS NINJA	4.50, 4.00	
11	B19CE047	BANOTH POOJITHA	COGNIZANT GENC	4.00	
12	B19CE049	MAKULA SRILEKHA	MINDTREE	4.00	
13	B19CE061	THATIPALLI JAGADISH	MINDTREE	4.00	
14	B19CE063	PARIPELLE PRATHYUSHA	MINDTREE	4.00	
15	B19CE064	JAMALPURI CHAKRADHAR	COGNIZANT GENC ELEVATE	4.50	
16	B19CE067	THANUGUNDLA SINDHU	MuSigma, ACCENTURE - ASE, MINDTREE	5.00, 4.50,4.00	
17	B19CE071	TAYYABA SIDDIQUA	MINDTREE, TCS NINJA	4.00, 4.00	
18	B19CE074	GADE SUSHMA	MINDTREE	4.00	
19	B19CE076	SRIRAMULA SATHWIKA	MINDTREE	4.00	
20	B19CE081	JANNARAPU VIVEK	MINDTREE	4.00	
21	B19CE082	BHUPATHI SUHAS REDDY	COGNIZANT GENC	4.00	
22	B19CE093	DUBBA SRAVYA	MuSigma, MINDTREE	5.00, 4.00	
23	B19CE095	OLAPU RAJU	COGNIZANT GENC, TCS NINJA	4.00, 4.00	
24	B19CE100	KONDRA VISHAL	ACCENTURE - ASE	4.50	
25	B19CE108	UNDELA ANKITHA	MINDTREE	4.00	
26	B19CE113	DASARATHI SRI LASYA	MuSigma	5.00	
27	B19CE118	KANDAGATLA KAMAL	MuSigma, MINDTREE	5.00 , 4.00	
28	B19CE119	GUDURU REETHIKA	MINDTREE	4.00	
29	B19CE120	ANANTHULA SAI KRISHNA	MuSigma, MINDTREE	5.00, 4.00	
30	B20CE124L	CHENNABOINA RAMYA	ACCENTURE - ASE, COGNIZANT GENC	4.50 ,4.00	
31	B20CE127L	TIPPANI RASAGNYA	MINDTREE	4.00	
32	B20CE130L	SIRIPURAM SATHWIKA	COGNIZANT GENC, MINDTREE, TCS NINJA	4.00, 4.00, 4.00	
33	B20CE131L	JALIGAPU SRIVIDYA	MINDTREE	4.00	
34	B19CE003	PINGALI THARUNI SAI SRI	TCS NINJA	4.00	

Sumshodhini 2022-2023

With that ever-increasing spirit and distinctive motto, the Civil Engineering Department has conducted technical events for SUMSHODHINI'22, a national level technical symposium organised by Indian Society for Technical Education, KITS Warangal chapter and Technical Club - SAC KITS Warangal on 18th and 19th of November 2022. This is just one of many interactive events the department hosts throughout the year to impart knowledge to the students. For the convenience of both participants and organisers, all activities were held across these two days. Below is a day-by-day breakdown of all the activities that took place, they were structured, and how the participant community engaged. All the participants gave positive feedback and felt that this workshop is very helpful for their future.

Details of the workshop and Events:

Sumshodhini was conducted for two days 18th-19th November ,2022. On day one their is a one day workshop on Etabs. Venue was Civil Engineering Software Applications Laboratory, Civil Engineering Department. timings of workshop is 10:30 AM to 01:00 PM & 02:00 PM to 05:00 PM On day two technical events was held like PPT Presentation, Nirman, Concretrix, Quote it and Grab it.



Sumshodhini' 22 Poster



Concretrix 2.0 poster



PPT presentation poster



Sumshodhini' 22 Department Poster launch

Glimpse Sumshodhini 2022-2023



Participants of Nirman



Participants of workshop



Speaker clarifying doubts to the participants



Quote it and grab it participants with event co-ordinate faculty



CED body members with sumshodhini faculty coordinators



Civil faculty with workshop participants

List of Student enrolled for Honors and minors
academic year 2022-2023

S. No	Roll No	Student Name	Courses opted for this semester		
			Theory Courses		
			Course Code	Honours Course Name	Equivalent Course Name
VII – SEM					
1	B19CE005	E. Chandana	U18HCE1004	Integrated waste Management for a Smart City	Integrated waste Management for a Smart City
			U18HCE1003	Theory of Elasticity	Theory of Elasticity
2	B20CE132L	Muppidi Akhil	U18HCE1004	Integrated waste Management for a Smart City	Integrated waste Management for a Smart City
			U18HCE1003	Theory of Elasticity	Theory of Elasticity
3	B19CE067	Sindhu Thanugundla	U18HCE1011	Environmental geomechanics	Environmental geomechanics
			U18HCE1001	Artificial intelligence (AI)	Fundamentals of Artificial Intelligence
4	B19CE064	Jamalपुरi chakradhar	U18HCE1011	Environmental geomechanics	Environmental geomechanics
			U18HCE1001	Artificial intelligence (AI)	Fundamentals of Artificial Intelligence
V – SEM					
1	B20CE063	Sangineni Sujith	U18HCE1002	Introduction to engineering seismology	Introduction to engineering seismology
			U18HCE1004	Integrated waste Management for a Smart City	Integrated waste Management for a Smart City
2	B21CE121L	D. Manvitha	U18HCE1003	Theory of Elasticity	Theory of Elasticity
			U18HCE1004	Integrated waste management for a smart city	Integrated waste management for a smart city
3	B21CE130L	Vangala Hari Keerthi	U18HCE1003	Theory of Elasticity	Theory of Elasticity
			U18HCE1004	Integrated waste management for a smart city	Integrated waste management for a smart city
4	B21CE134L	Rathod Vamshi	U18HCE1003	Theory of Elasticity	Theory of Elasticity
			U18HCE1004	Integrated waste management for a smart city	Integrated waste management for a smart city
5	B21CE143L	Varukolu Anuja	U18HCE1002	Introduction to engineering seismology	Introduction to engineering seismology
			U18HCE1004	Integrated waste Management for a Smart City	Integrated waste Management for a Smart City
6	B21CE144L	Prasuna Sai Jatangula	U18HCE1002	Introduction to engineering seismology	Introduction to engineering seismology
			U18HCE1004	Integrated waste Management for a Smart City	Integrated waste Management for a Smart City
7	B21CE145L	Romala Sravani	U18HCE1002	Introduction to engineering seismology	Introduction to engineering seismology
			U18HCE1004	Integrated waste Management for a Smart City	Integrated waste Management for a Smart City
8	B21ce146L	Burra Sadvika	U18HCE1002	Introduction to engineering seismology	Introduction to engineering seismology
			U18HCE1004	Integrated waste Management for a Smart City	Integrated waste Management for a Smart City