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

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**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.

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

### Programme Outcomes (POs):

<b>PO1</b>	Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.	Engineering knowledge
<b>PO2</b>	Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.	Problem analysis
<b>PO3</b>	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
<b>PO4</b>	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
<b>PO5</b>	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
<b>PO6</b>	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
<b>PO7</b>	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
<b>PO8</b>	Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practices.	ethics
<b>PO9</b>	Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings	Individual and team work
<b>PO10</b>	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
<b>PO11</b>	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
<b>PO12</b>	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

**“A GOOD SCIENTIST IS A PERSON WITH ORIGINAL IDEAS. A GOOD ENGINEER IS A PERSON WHO MAKES A DESIGN THAT WORKS WITH AS FEW ORIGINAL IDEAS AS POSSIBLE”**

**- FREEMAN DYSON**



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### **Program Specific Outcomes (PSO's)**

<b>PS0 1</b>	Apply fundamental computational methods and elementary analytical techniques in sub-disciplines related to civil engineering
<b>PS0 2</b>	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
<b>PS0 3</b>	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.
<b>PS0 4</b>	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

**“EACH TYPE OF KNOWLEDGE HAS VALUE; HOWEVER, FROM AN ENGINEERING POINT OF VIEW, PRACTICAL KNOWLEDGE SEEMS TO BE MORE VALUABLE THAN THEORETICAL KNOWLEDGE”**

**– ERALDO**

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## **Sanskriti 2023**

SANSKRITI is Kakatiya Institute of Technology and Science College’s Cultural fest, usually conducted over two days every even semester covering activities from diverse fields of Fine Arts, Performing Arts, music, dance, Elegantica, DJ and pro show by vivid celebrities. This year it was celebrated on 18th and 19th of March. Singer Harika Narayan was guest for day one and Singer Hemachandra and DJ Danika for day 2. Every year SANSKRITI sees a major participation of students participating showcasing performing their talents. This year from our department we have participants in dance music and elegantica.

### **Dance :-**

S. Sujith - B20CE063  
Vanalakshmi -B21CE017  
Vishwateja – B21CE023  
Likitha Priya – B22CE123L

### **Music :-**

Sai spurthi  
M.Saketh – B21CE032

### **Elegantica**

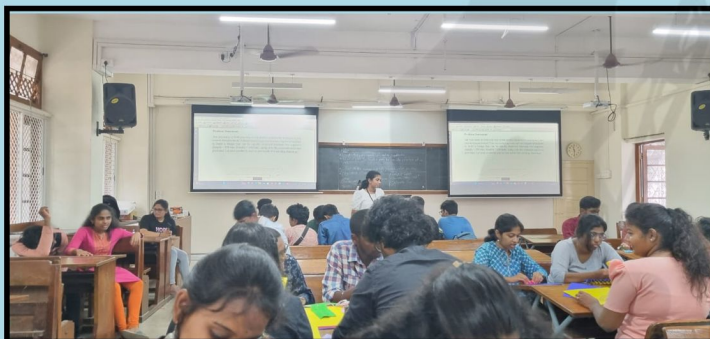
Tauqeer Ail- B20CE068  
Varsha- B20CE075  
Porna chander -B20CE089



**Dance performance on sanskriti 2023 by 2nd years and 3rd years students of CED**

## **IIT Madras CEA Fest visit**

We're thrilled to share the exciting experiences of our 2nd and 3rd-year students who recently embarked on a memorable journey to CEA Fest '23 at IITM. This annual event was a spectacular showcase of talent and innovation, and our students made their mark in various ways. They enthusiastically participated in a wide range of events and workshops that enriched their skills and knowledge. Notably, Manvitha from the 3rd year demonstrated her exceptional problem-solving abilities by securing the 2nd prize in the prestigious Case Study event. Furthermore, all our students actively engaged in insightful workshops, including sessions on software tools like ETABS and Revit. This journey was not only educational but also a testament to the dedication and excellence of our students. We look forward to witnessing their continued growth and success in future endeavors.



**KITSW Students attending Workshop in IIT Madras**



**KITSW Student participating in competitions at IIT Madras technical fest**



## **I<sup>2</sup>RE(Innovation Incubation Research& Entrepreneurship) INAUGURA**

In the history of technology and innovation, the revolutionary construction of the I<sup>2</sup>re (Innovation, Incubation, Research and Entrepreneurship) building was a crucial turning point. K. T. Rama Rao, the acknowledged minister of information technology, confronted the occasion and addressed on the value of nurturing entrepreneurship and innovation in order to promote economic growth and technical advancement.

Some of our civil students participated in inauguration are G.Mahalaxmi, G.Jhansi, Syed Afrid Pasha, T. Shiva teja and T.Akshith Patel.

- 1.Innovation:I<sup>2</sup>re wants to mark itself as a hub for innovation by offering tools and guidance to develop fresh concepts.
- 2.Incubation: The I<sup>2</sup>re incubation center will provide assistance to entrepreneurs in all phases of development, assisting them in expanding and succeeding.
- 3.Research: The facility will encourage research by providing researchers with a collaborative environment and access to equipment.



Inauguration of i<sup>2</sup>re with Minister K. Rama Rao and Dr.Ashok reddy, Principal kitsw

## **REPUBLIC DAY CAMP(RDC)**

We the kitsw family proudly congratulates KOLA KIRAN KUMAR Bearing ROLL NO(B21CE034) On your remarkable achievement of being selected for the Republic Day Parade 2023! Your dedication, discipline, and hardwork have truly paid off. Your participation in this prestigious event not only reflects your individual excellence but also represents the talents of our institution. We are incredibly proud of you and we wish you all the best as you showcase your skills and represent our campus on this national stage and our other NCC cadets from our Civil department are

**3rd year:**

S. Nagaraju

B. Sai Ruthwik

**2nd years:**

Kola Kiran Kumar

Badavath Chatur Singh Nayak

Sangi Chandrashekar

**1st years:**

Saicharan

Reena

I THINK ARCHITECTURE SHOULD BE ACCESSIBLE TO EVERYONE BECAUSE EVERY PERSON HAS AN IDEA INSIDE THEM THAT THEY CAN EXPRESS IN AN ARCHITECTURAL FORM”  
-ZAHA HADID



NCC Students



Poster on Congratulations to Kola Kiran

### INTRAMURAL SPORTS

Intramural sports are on-campus activities that are competitive, sociable. They seek to encourage widespread involvement, foster interaction, offer leisure, aid in the discovery of talent, foster sportsmanship, and offer chances to pick up new skills. The Latin term "intramural," which means "within walls," is the source of the English word "intramurals." They give children the chance to show off their abilities, develop their social skills, and learn proper game manners. Additionally, they foster a fun environment, help kids decompress, grow as leaders, and uncover hidden skills. The value of intramural sports is found in its contribution to leadership skills, social values, physical fitness, and general personality development.

The following games are played: Carrom, Chess, Cricket, Table Tennis, Hand Ball, Volleyball, Badminton, Kho-Kho, Kabaddi, Basket Ball, Ball Badminton, Tennikoit, Lawn Tennis, and Athletics.



Overall Student Intramural Championship

**“THE ENGINEER IS THE SERVANT OF THE PEOPLE, NOT THEIR MASTER.”**

**-ALFRED NORTH WHITEHEAD**

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## **Students Participation in Intramural Sports**

<b>NAME OF THE SPORT</b>	<b>NAME OF THE STUDENT</b>	<b>YEAR</b>
Chess	Ravikanth, Teja	4Th Year
Carrom	M.Koushik Kumar	1St Year
Football	K.Ramesh, J.Chakradhar, T.Jagadish, V.Govardhanachary	4Th Year
	B.Mahesh Babu, N.Anil, M.Kusumakiran, S.Sajankumar	3Rd Year
Volleyball	Ramtej Nayak, Chatur Singh, Abdul	2Nd Year
	Ramesh, Lokesh, Sandeep	4Th Year
Handball	T.Jagadish, Lokesh, Dwarak, Ramesh, Varun, Chakradhar, Sandeep, Althaf, Somnath, Saiteja, Sumanth, Rohith	4Th Year
	Vamshi, Sekhar, Rohit, Nagaraju	3Rd Year
	Ramtej Nayak, Chatur Singh	2Nd Year
Kabaddi	Ramesh	4Th Year
	Maheshbabu, Karthik	3Rd Year
	Ramtej Nayak, Chatur Singh, Anil, Chandrasekhar	2Nd Year
Basketball	Sumanth, Althaf, Dwarak, Somnath	4Th Year
	Rohit	3Rd Year
	Nithin	2Nd Year
Ball Badminton	Varun, Lokesh, Ramesh	4Th Year
	Mahesh Babu, Sajan Kumar	3Rd Year
	Chatur Singh	2Nd Year
Lawn Tennis	Sumanth, Althaf, Lokesh	4Th Year
	Mahesh Babu, Sajan Kumar	3Rd Year
Tennikoit	K.Ramesh	4Th Year
	Mahesh Babu	3Rd Year
Athletics	Mahesh Babu, N Anil, M Kusumakiran, S Sajankumar	3Rd Year

## **Faculty Participation in Intramural Sports:**

<b>BADMINTON</b>	<b>VOLLEYBALL</b>
Mr.Teja Abhilash	Mr.Gangadhar Reddy
Mr.Gangadhar Reddy	Mr.Ashok
Mr.Rajasekhar	Mr.Rajasekhar
Mr.Ashok	



**All India Inter University Cycling Tournament Men 2023**

The Sports Division, partially funded by the Ministry of Youth Affairs and Sports, functions as the Inter University Sports Board (AIU) for promoting competitive sports in universities. It organizes National University Games and special coaching camps for talented athletes. The AIU has been elevated to the National Sports Promotion Organization (NSPO) for its contribution to university sports. And We as whole KITSW family whole heartedly congratulate our student B.MAHESH BABU who has acted as the face of our college in this tournament



**KITSW 3rd year Civil engineering student Mahesh babu participated in cycle men tournament**

**LIST OF STUDENTS PARTICIPATED IN NSS VILLAGE CAMP**

Name of the Students	Roll number	Year	Branch
Soumya	B20CE121L	4th year	Civil Engineering
M. Pooja	B20CE135L	4th year	Civil Engineering
Mahesh babu	B20CE064	4th year	Civil Engineering
K Varsha Reddy	B20CE075	3th year	Civil Engineering
L Rakesh	B21CE153L	3th year	Civil Engineering
G.Praveen kumar	B21CE067	2th year	Civil Engineering



**KITSW Students in Guniparthi village during NSS camp**

**Media coverage about Kitsw nss camp**

**“IF YOU WANT TO BUILD A BETTER MOUSETRAP, THE BEST WAY TO DO IT IS TO MAKE THE MOUSE TRUST YOU.”**

**- CHARLES KETTERING**

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## List of Placements (2022-2023)

SLNo.	RollNo.	Name of the student	Selected company	CTC(LPA)
1	B19CE001	NELLURI ROHITH	DESIGN TRIBE	3.2
2	B19CE003	PINGALI THARUNI SAI SRI	TCS NINJA	4
3	B19CE006	GARLAPATI SOMNATH REDDY	ACCENTURE-ASE	4.5
			MINDTREE	4
			TCS NINJA	4
4	B19CE007	EMMADI DEEPTHI	DESIGN TRIBE	3.2
5	B19CE008	VANGALA SAI VASUDEVA REDDY	DESIGN TRIBE	3.2
6	B19CE009	SIRIMILLA ALEKHYA	DESIGN TRIBE	3.2
7	B19CE013	MARAM SRIRAM REDDY	DESIGN TRIBE	3.2
8	B19CE014	SUDANABOINA DHANPAL	DESIGN TRIBE	2.4
9	B19CE018	URADI RAJU	MINDTREE	4
10	B19CE021	MALOTH HARSHITHA	DESIGN TRIBE	3.2
11	B19CE022	KAITHA VENKATESH	POWER MECH PROJECTS	2.4
12	B19CE023	YENUGULA RASHMITHA	MINDTREE	4
13	B19CE025	AAVULA HARISH	POWER MECH PROJECTS	2.4
14	B19CE027	BAIRY MEDHASVEE	ACCENTURE-ASE	4.5
			COGNIZANT GENC	4
15	B19CE028	GADDAM SRAVANTHI	ACCENTURE-ASE	4.5
16	B19CE037	CHITIKANENI SHIVA PRASAD	MINDTREE	4
			TCS NINJA	4
17	B19CE038	KUSUMA TEJA	MINDTREE	4
18	B19CE039	JATOTH SHIVARAM	MINDTREE	4
19	B19CE042	DARA DEEPIKA	MINDTREE	4
20	B19CE045	KOYYADA AVINASH	ACCENTURE-ASE	4.5
			TCS NINJA	4
21	B19CE047	BANOTH POOJITHA	COGNIZANT GENC	4
22	B19CE049	MAKULA SRILEKHA	MINDTREE	4
23	B19CE061	THATIPALLI JAGADISH	MINDTREE	4
24	B19CE062	KOTA SRIVIDYA	DESIGN TRIBE	3.2
25	B19CE063	PARIPELLY PRATHYUSHA	MINDTREE	4
26	B19CE064	JAMALPURI CHAKRADHAR	COGNIZANT GENC	4.5
27	B19CE067	THANUGUNDLA SINDHU	ACCENTURE-ASE	4.5
			MINDTREE	4
			MuSigma	5
28	B19CE070	LADDUNURI NAVEEN	DESIGN TRIBE	3.2
29	B19CE071	TAYYABA SIDDIQUA	MINDTREE	4
			TCS NINJA	4
30	B19CE073	GUDELLI BHARATH	Raster Engineers	2.4
31	B19CE074	GADE SUSHMA	MINDTREE	4
32	B19CE076	SRIRAMULA SATHWIKA	MINDTREE	4
33	B19CE077	GORRE VINAY	DESIGN TRIBE	3.2
34	B19CE080	SAMUDRALA BHAVYA SREE	DELHIVERY.COM-TL	3.5
35	B19CE081	JANNARAPU VIVEK	MINDTREE	4
36	B19CE082	BHUPATHI SUHAS REDDY	COGNIZANT GENC	4
37	B19CE093	DUBBA SRAVYA	MINDTREE	4
			MuSigma	5
38	B19CE095	OLAPU RAJU	COGNIZANT GENC	4
			TCS NINJA	4
39	B19CE100	KONDRA VISHAL	ACCENTURE-ASE	4.5
40	B19CE108	UNDELA ANKITHA	MINDTREE	4
41	B19CE109	DEVUNURI MANOJ	POWER MECH PROJECTS	2.4
42	B19CE112	UPPUNUTHULA GOVARDHANA	POWER MECH PROJECTS	2.4
43	B19CE113	DASARATHI SRI LASYA	MuSigma	5
44	B19CE116	PATKARI VARUN	POWER MECH PROJECTS	2.4
45	B19CE118	KANDAGATLA KAMAL	MINDTREE	4
			MuSigma	5
46	B19CE119	GUDURU REETHIKA	MINDTREE	4
47	B19CE120	ANANTHULA SAI KRISHNA	MINDTREE	4
			MuSigma	5
48	B20CE124L	CHENNABOINA RAMYA	ACCENTURE-ASE	4.5
			COGNIZANT GENC	4
49	B20CE127L	TIPPANI RASAGNYA	MINDTREE	4
50	B20CE130L	SIRIPURAM SATHWIKA	COGNIZANT GENC	4
			MINDTREE	4
			TCS NINJA	4
51	B20CE131L	JALIGAPU SRIVIDYA	MINDTREE	4



## Blood Donation Camp

S.no	Name of the donor	Roll Number	Department	Year
1	Mudda Arun sai	B19CE068	CE	Final Year
2	Dheerai	B19CE111	CE	Final Year
3	Kamal Kadagatla	B19CE118	CE	Final Year
4	M.Akhil	B22CE132L	CE	Final Year
5	P Sai Ram Reddy	B20CE014	CE	3rd Year
6	Sandeep	B20CE024	CE	3rd Year
7	P Revanth	B20ce026	CE	3rd Year
8	J.Manohar	B20CE036	CE	3rd Year
9	P.Dharnidar	B20CE082	CE	3rd Year
10	R. Bhargav	B20CE098	CE	3rd Year
11	P. Jagadish	B20CE104	CE	3rd Year
12	J.Karan	B20Ce054	CE	3rd Year
13	Arjun	B20CE068	CE	3rd Year
14	B. Pradhyumnudu	B21CE038	CE	3rd Year
15	B.Sandeep	B21CE129L	CE	3rd Year
16	K.Chidu Datta	B21CE152L	CE	3rd Year
17	L. Rakesh	B21CE153L	CE	3rd Year
18	A.Nagavamshi	B21ce057	CE	2nd Year
19	K Sai lansa	B21CE062	CE	2nd Year
20	A Nithin	B22CE132L	CE	2nd Year
21	P. Sai teja	B22CE135L	CE	2nd Year
22	K .ujwal saar	B22CE002	CE	1st Year
23	T.akshith	B22ce003	CE	1st Year
24	Siri chandana	B22CE006	CE	1st Year
25	J.Raiesh	B22CE012	CE	1st Year
26	P Thanush	B22CE021	CE	1st Year
27	Koushik kumar	B22CE027	CE	1st Year
28	S.umesh chandra	B22ce031	CE	1st Year



**Dr. Ashok Reddy, Kitsw Pricipal awarding certificate as blood donar**



**Cheif Guest awarding certificate for student as blood donor**

**“THE ULTIMATE MEASURE OF A MAN IS NOT WHERE HE STANDS IN MOMENTS OF COMFORT AND CONVENIENCE, BUT WHERE HE STANDS AT TIMES OF CHALLENGE AND CONTROVERSY.”**

**- ARTIN LUTHER KING JR.**



**Inaugural Ceremony of Akruthi 2023**

AKRUTHI “The Structure of Glory” is an annual magazine which provides a platform to the students to improve their skills and abilities. Akruthi 2023 inaugural was held on 29th April an overwhelming success for all of us. It was a celebration of creativity, talent, and artistic excellence and it left an indelible mark on everyone who had taken part in the event. It started off with an opening address by the head of department Dr. M. Srikanth highlighting the achievements and contributions of the department over the past year. The magazine was then unveiled, showcasing a compilation of research articles, student projects, and faculty accomplishments. The guest speaker from the ACC cements industry shared insights into the latest trends and innovations in civil engineering. Some of the students shared their experience in the college. The event also featured student presentations on their innovative projects and research findings. Awards were given to the outstanding contributors, motivating students and faculty members to excel further. Lastly the time has come where the seniors have to leave the college but “saying goodbye is harder but the memories which they have created look forward to new beginnings”. Everybody’s hearts are filled with joy and excitement. The ceremony concluded with a vote of thanks, expressing gratitude to everyone who made the magazine and event possible.



**Dr. M Srikanth HOD,CED with Dr. Md. Shakeel adhi. Sir J. Jithender and Cea body members**



**Dr. M Srikanth HOD,CED with Civil Engineering faculty and CEA body members**

**List of Students enrolled for Honors and Minors in the academinc year 2022-2023**

S.No.	Roll.No.	Student Name	Courses opted for this semester			
			Semester	Theory Courses		Equivalent Course Name
Course Code	Course Name					
1	B20CE132L	MUPPIDI AKHIL	VII	U18CE702MC	MOOCs	River Engineering
				U18CE703MA	MOOCs	Subsurface exploration: Importance and techniques involved
2	B21CE132L	MOHAMMAD KHADEER SHAREEF	V	U18CE502MB	MOOCs	The Joy of Computing using Python
				U18CE502MB	MOOCs	The Joy of Computing using Python
3	B21CE124L	ANISH PINGALI	V	U18CE703A	Structurtal Dynamics	Dynamics of Structures
				U18CE801MD	MOOCs	Cloud Computing

**FACULTY PUBLICATIONS**

S. No	Name of the faculty	Title with page nos.	Name of the Journal	Journal Index
1	Dr. M. Veera Reddy	Fragility Comparison for Soft Storey Infill Reduced Structures by Incremental Dynamic Analysis	IOP Conf. Series: Earth and Environmental Science, ITSCMSI-2022	Springer, Singapore <b>Book chapter</b>
2	Dr. L. Sudheer Reddy	Building panel with stone facing and glass fiber reinforced concrete at very low cost	Indian Patent	Patent
3		Durability Studies on Bacterial Concrete Embedded with Bacillus Subtilis, Design Engineering	Design Engineering	Scopus
4		Durability Studies on Self Compacting Recycled Aggregate Concrete Using GGBS	Chinese Journal of Geotechnical Engineering	Scopus
5		Performance of Cement Composite with GGBS and Alccofine as Partial Replacement	The Indian Concrete Journal	Scopus
6	Dr. M. Andal	Microstructure and Mechanical Properties of Flyash & GGBS Based Alkali Activated Concrete	Cement and Building Concrete for a sustainable and	Scopus
7	Dr. M. Srikanth	Building panel with stone facing and glass fiber reinforced concrete at very low cost	Indian Patent	Patent
8		Durability Studies on Self Compacting Recycled Aggregate Concrete Using GGBS	Chinese Journal of Geotechnical Engineering	Scopus
9		Performance of Cement Composite with GGBS and Alccofine as Partial Replacement	The Indian Concrete Journal	Scopus
10		Building panel with stone facing and glass fiber reinforced concrete at very low cost	Indian Patent	Patent
11	Dr. D. Hari Krishna	Comparative study on Shear performance of Blended Pozzolonic R.C beams with Fly Ash & Recycled Aggregates, Pages 273.	Journal of Structural Engineering	Scopus
12		Building panel with stone facing and glass fiber reinforced concrete at very low cost	Indian Patent	Patent
13		Mechanical and durability studies on blended pozzolonic concretes with fly ash & recycled aggregates, Pages 1522-1529	Science Direct Elsevier Materials Today Proceedings,	Scopus
14		Building panel with stone facing and glass fiber reinforced concrete at very low cost	Indian Patent	Patent
15		Durability Studies on Self Compacting Recycled Aggregate Concrete Using GGBS.	Chinese Journal of Geotechnical Engineering	Scopus
16	Dr. S. Sunil Pratap Reddy	Durability Studies on Bacterial Concrete Embedded with Bacillus Subtilis	Design Engineering	Scopus
17		Building panel with stone facing and glass fiber reinforced concrete at very low cost	Indian Patent	Patent
18		Building panel with stone facing and glass fiber reinforced concrete at very low cost	Indian Patent	Patent
19		Durability Studies on Self Compacting Recycled Aggregate Concrete Using GGBS	Chinese Journal of Geotechnical Engineering	Scopus
20		Performance of Cement Composite with GGBS and Alccofine as Partial Replacement	The Indian Concrete Journal	Scopus
21	Dr. A. Suchith Reddy	Role of National Building Code in Fostering the Transition to Sustainable Construction	Advances in Structural Mechanics and Applications	Conference
22		Entropy-based fuzzy TOPSIS framework for selection of a sustainable building material,	International Journal of Construction Management,	Scopus
23		Method and approach for developemnt of Particle Packed Engineering Composite Cement Concrete (EnComPAs)	German Patent	Patent
24	Dr. B. Sumanth Kumar	Experimental Study on Fly Ash and GGBS based Geopolymer Corbels,	Environment Concerns and its Remediation (ECR21)	Scopus

**“THE FUNCTION OF ENGINEERING IS TO ASSIST MAN IN MAKING HIS LIFE MORE COMFORTABLE. THE ULTIMATE AIM OF ENGINEERING IS TO ENABLE HUMANITY TO BETTER SERVE LIFE”**

**– JOSEPH-ARMAND BOMBARDIER**



25	Dr. B. Sumanth Kumar	Experimental Investigation on Fly Ash and Ground Granulated Blast Furnace Slag-Based Geopolymer Corbels	Lecture Notes in Civil Engineering, vol 277. Springer, Singapore.	Book Chapter
26		Experimental Study on Fly Ash and Ground Granulated Blast Slag-Based Geopolymer Corbels	Springer, Cham.	Book Chapter
27	Dr. G. Shravan Kumar	Characteristics of Recycled Concrete Aggregate and Its implementation for Pavement Base Applications : A Review	Journal of Rehabilitation in Civil Engineering	Scopus
28		Strength and Durability Characteristics of Lime Fly Ash Stabilized Recycled Concrete Aggregate for Use in Low Volume Rural Roads	Indian Geotechnical Journal	Scopus
29	Sri. Md. Shakeel Abid	Bearing Capacity of Annulus Stone Column Double-Encapsulated with Geotextiles	ASCE International Journal of Geomechanics	SCI
30	Smt. B. Sravanthi Reddy	Experimental study on partial replacement of structural fiber in porous pavements	Materials Today: Proceedings	Scopus
31	Ms. K. Manasa	Microstructure and Mechanical Properties of Flyash & GGBS Based Alkali Activated Concrete	Cement and Building Concrete for a sustainable and Resilient infrastructure	Scopus
32	Dr. N. Gangadhara Reddy	Review of the Utilization of Plastic Wastes as a Resource Material in Civil Engineering Infrastructure Applications, 26(4), 03122004 (p.13).	Journal of Hazardous, Toxic, and Radioactive Waste	WoS and Scopus
33		Geoenvironmental characterization of bauxite residue ameliorated with different amendments, 04022048 (p. 15)	Journal of Hazardous, Toxic, and Radioactive Waste	WoS and Scopus
34		Utilisation of Red Mud (Bauxite Residue) in Environmental and Geotechnical Engineering Applications - An Overview	Lecture Notes in Civil Engineering Indian Geotechnical Conference-2021), NIT Tiruchurapalli	Conference
35	Dr. M. Sushma	Development of intelligent decision system for optimized highway corridor planning: an integrated GIS and heuristic approach	Advances in Transportation Studies: an International Journal	Scopus
36		A framework on Understanding the Barriers of Smart cities and Intelligent Transportation System in India.	14th International Conference on Transportation Planning and Implementation Methodologies for Developing Countries (TPMDC)	Conference
37		Optimizing Points of Intersection for Highway and Railway Alignment— Using Path Planner Method and Ant Algorithm-Based Approach	Recent Advances in Transportation Systems Engineering and Management	Conference

**CEA Events list (academic year 2022-23)**

Event No.	Date	Event Name	Description
1	02-01-2023	Just a Minute	On that particular day, Just a Minute was planned. Many students demonstrated their talent in this event, and they used the allotted one minute of time very precisely and elaborated their points very authentically. A few students also shared their thoughts and ideas on how to run the events in the Civil Engineering Association.
2	23-01-2023	Debate	The “Pros and Cons of AI & ML in Civil Engineering” was the main topic of discussion during this debate. Each and every student had an excellent idea and confidently defended it. Many of the students emphasized the value of civil engineering over artificial intelligence and machine learning. They also concluded that the demand for civil engineering will never decrease.
3	30-01-2023	Group Discussion	The students were divided into groups, and they interpreted their views and thoughts in the form of groups. This group discussion aided students in developing critical thinking skills and improving their communication abilities.
4	06-02-2023	Technical Quiz	The students were separated into four groups for the quiz. Every single student displayed their talent with a lot of zest and excitement. Finally, group C was crowned as the winner after earning 16 points. Students had a great chance to display their talent in front of esteemed instructors and their peers at this event.
5	13-02-2023	Dubsmash	The lip sync, acting skills, presentation, and ingenuity of the students were taken into consideration when evaluating their performance. Numerous students took part in dubsmash, and they did their jobs well and behaved honorably.
6	20-02-2022	Just a Minute	Eye contact, language, and spontaneity were among the criteria used to evaluate students. In front of their peers and esteemed teachers, this event gave students an excellent opportunity to demonstrate their oratory abilities.
7	06-03-2023	Rapid Fire	The pupils were divided into four groups. Each and every student enthusiastically and zestfully demonstrated their ability. Finally, after scoring 13 points, group C was declared the victor. At this event, students had a wonderful opportunity to showcase their talent in front of esteemed teachers and their peers.
8	20-03-2023	career opportunities	Career exploration will help expose you to different working environments and find where you will fit in and grow as an individual," the representative of ACE academy said. The students were overjoyed and had made a plan for the future.