

#### LORDS INSTITUTE OF ENGINEERING & TECHNOLOGY

UGC Autonomous

| Approved by AICTE | Affiliated to Osmania University |
Accredited by NBA | Accredited 'A' grade by NAAC | | Certified by ISO.

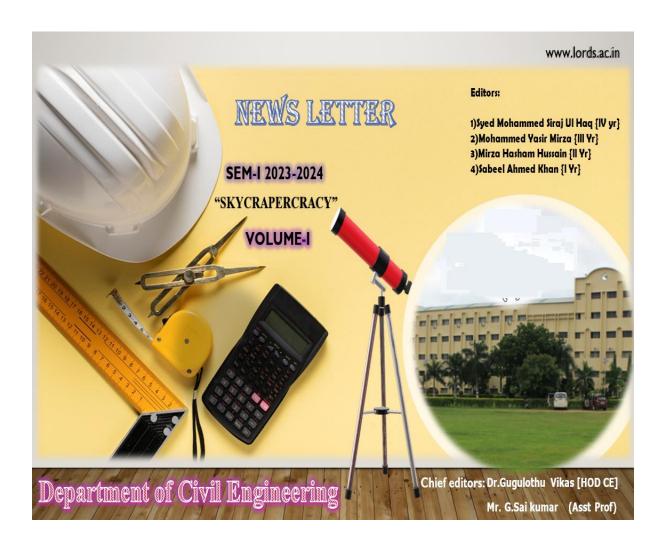












## **CONTENTS**

S.No.	TITLE	PAGENO.
1	Message from Head of the Department	3
2	Vision & Mission of Department	4
3	Program Educational Objectives	5
4	Events Conducted by the Department	
	i) Workshop on career guidance for civil engineer	
	ii) ParentsTeacherMeeting2023(II year)	6-17
	iii) Workshop on awareness program on Revit Software	
	iv) Industrial visit	
	v) Poster Presentation on land survey by Total Station	
	vi) Online guest lecturer	
5	Student participations and Achievements	
	Sports achievement & Prize Distribution	18-19
6	Student Association	20
	Roles & Responsibilities	20
7	Faculty Achievements	21
8	R& D Activities	
	I. Patent Publication	22-25
	II. Book Authored	
	III. Journal Publication	
	IV. PhD Pursuing	
	V. FDP Attended	
9	Internship Details	25-26
10	Professional Society	27-30

## 1. MESSAGE FROM HOD DESK

It's an immense pleasure to present this semi-annual newsletter "SKYCRAPERCRACY". Civil Engineering department is the royal, dynamic, and vibrant department with the blend of young, energetic, enthusiastic and experienced faculty members. Department is actively involved in academic as well as research work in recent trending areas of Civil Engineering and interdisciplinary streams. Civil Engineering department has 5 highly experienced Doctorates. Our department has one Undergraduate and two Post Graduate Programs. The



department has well equipped laboratories. Advanced software is available in our laboratories. The faculty members are constantly publishing technical papers in national and international journals and conferences. Also, they are involved in consultancy activities of GHMC and various other organizations. The department is fortunate to have dedicated, devoted students, and committed supporting staff and expert technical staff. Specially, I congratulate my students to participate in various extracurricular activities, cocurricular activities, research work and competitive examinations. My best wishes to all for their bright future, career and successful life.

Dr. G Vikas
Head of the Department



## 2. Vision & Mission of Department

#### **VISION**

To emerge as a Centre of Excellence by imparting quality technical education through innovation, teamwork and value creation, and to contribute to advancement of knowledge in the field of Civil Engineering

#### **MISSION**

- **DM1:** Provide in-depth understanding of fundamentals and practical training related to professional skills and applications through effective Teaching-Learning Process, state-of-the-art laboratories and interdisciplinary areas.
- **DM2:** Inculcate technical, team work management and communication skills to function in multi-discipline teams across globe.
- **DM3:** Develop research, design, entrepreneurial skills and employability capabilities.
- **DM4:** Provide consultancy services and promoting Industry-Department

Interactions.

#### Program Educational Objectives (PEOS) And Program Specific Outcomes (PSOS)

#### **Program Educational Objectives (PEOs):**

- **PEO1:** Demonstrate strong fundamental knowledge in Mathematics, Science, English and Engineering Sciences to analyze and solve the Civil Engineering related problems.
- **PEO2:** Inculcate the capability of identifying, formulating, analyzing and creating novel engineering solutions using modern design, construction tools and technique to develop state-of—

#### the art structures.

- **PEO3:** Inculcate technical, teamwork management and communication skills to function effectively in multi-disciplinary teams across globe.
- **PEO4:**Promote life-long learning, research and development with strong professional, moral and ethical values.



**PEO1:** Students will have strong foundations in Basic Sciences, Mathematics, Computer Science and allied engineering.

**PEO2:** Students will use their knowledge and expertise to grow in their employment and/or pursue professional degrees, as well as to solve problems as innovators.

**PEO3:** Students will be able to solve issues artistically, interact efficiently and functionproperlyininterdisciplinaryteamswhilemaintaininghighworkvalues and morals.

**PEO4:** Students will be able to react, produce and develop ideas in the fields of Artificial Intelligence and Machine Learning as well as cooperate successfully in researching.



## 4. EVENTS

#### i). Workshop on Career Guidance for Civil Engineers

We are thrilled to share the success of our recent Workshop on Career Guidance for Civil Engineers conducted on 20-11-23. Mr. Mohammed Abdul Nayeem, a Project Engineer from Vaishnavi Infracon, has delivered a lecture on Career Guidance for Civil Engineers. The points that he has highlighted are Field jobs, research, management and Academics, tactics of handling a projects, traits and leadership skills for Civil Engineers and emerging technologies in construction industries.

Nearly 108 students participated in the workshop.









**Career Guidance for Civil Engineers** 

#### ii). PARENTS FACULTY MEETING

Lords Institute of Engineering Technology (Autonomous), the Department of Civil Engineering has conducted their Parents-Teachers' meeting in offline mode on 06-01-2024 at Civil Engineering Department Library from 10.00 am to 5.00pm. The meeting was held to declare the result of odd semester and CIE- I results. The purpose of the Parents Faculty Meetings is not only to make parents aware of their ward's academic performance but also to encourage and motivate students to excel in Semester End Examination. Mentors made the parents and the students aware of autonomous marks distribution, passing marks for CIE and SEE, Credits to be scored at the end of the academic year, question banks for all the subjects, classes, attendance of their ward, upcoming CIE-II, Laboratory hours and most importantly Assignment and Surprise test which the students need to take care of Principal and Dean IQAC visited civil engineering department and discussed with parents about their ward's study and performance.





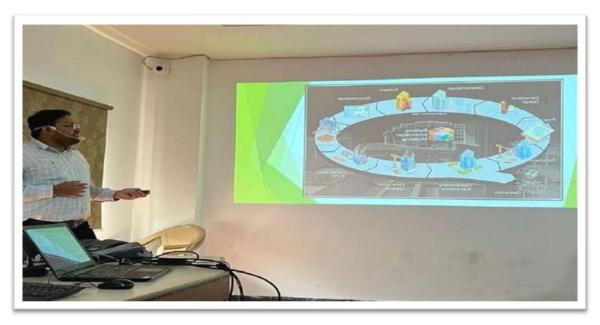


**Faculties interacting with parents** 

#### iii). Workshop on Awareness Program on Revit Software

The Civil Engineering Department in collaboration with Institution of Engineers India Lords Institute of Engineering and Technology conducted one day workshop on Awareness Program on Revit Software on January 11 2024.Mr. Syed Jawwad Ahmed, Structural Engineer and Trainer at SR Civil Academy, has delivered a lecture. During the session, he emphasized the significance and practical applications of Revit software in contemporary construction practices. The workshop successfully attracted the participation of 108 students.







**Student Criteria** 



**Award Received** 

#### iv). Industrial Visit to Preca Precast Manufacturing Unit

The department of Civil Engineering of Lords Institute of Engineering and Technology (A) conducted Industrial Visit on January 24 2024. Mr. D.V.Rajesh, Production managing cum planning officer and K.Nagaraj lead safety officer at PRECA Solutions India Pvt Ltd Shankar Pally has explained process and manufacturing of precast elements. The points highlighted are usage and importance of Precast members in modern day construction work,Pre- tensioning and post-tensioning, importance of prestressed structures, methods of prestressing and opportunities for civil engineering students to learn the Prestressing techniques and he also provided the explanation for Precast Column, Beam, slabs and retaining walls along with transportation and erection of members at site.









#### v). Poster Presentation on Land Survey by Total Station

The Department of Civil Engineering at Lords Institute of Engineering and Technology (A) conducted an event Poster Presentation on "Land Survey by Total Station" on 25th January 2024. A total of 72 students participated in the event and gaining valuable practical field Knowledge and applied those skills and prepared the posters in view of measuring distances, height of a building, area of a plot and layout of a plot measurements using total station instrument. Notably, this event resulted successful applications of modern equipment in various Civil Engineering Fields. It also enhanced the practical knowledge skills in this innovative field.

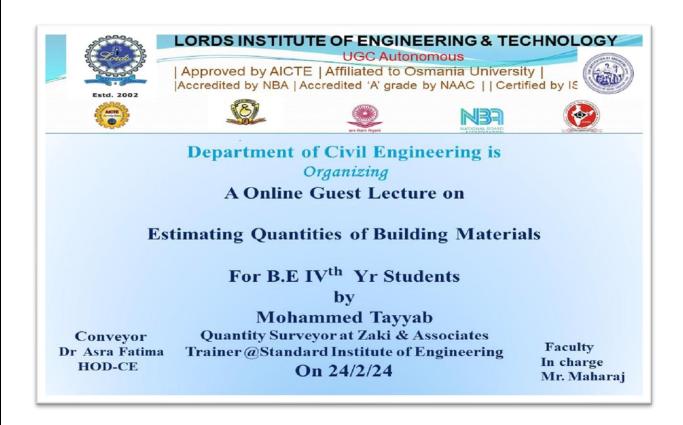


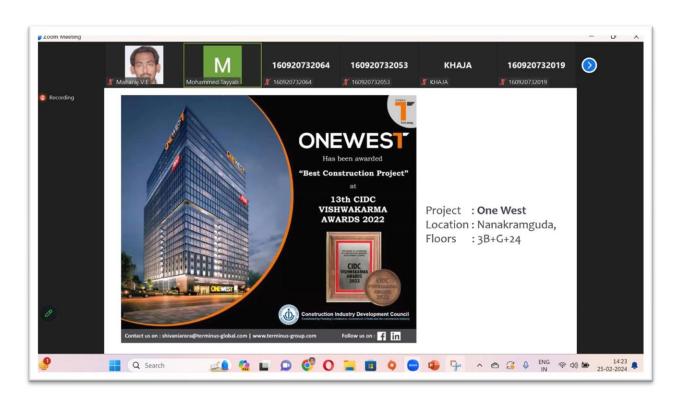


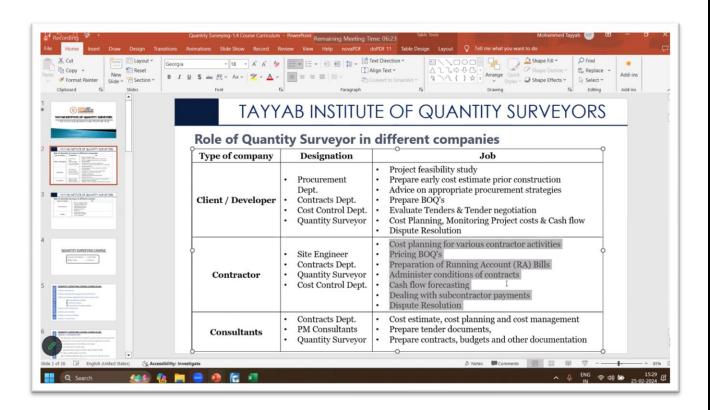


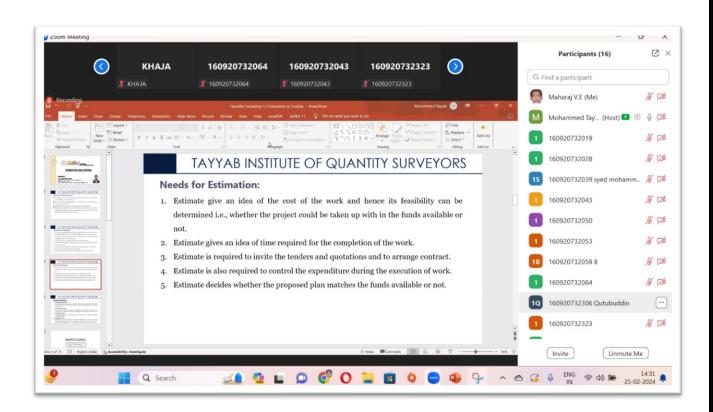


#### vi). Online Guest Lecture











# **5.Student participations and Achievements**

At LORDS, we believe that it is our responsibility to support our students to excel in whatever path they choose. Elaborately planned activities are conducted to help them develop their life skills, secure career opportunities, mould their entrepreneurial mindset, expose them to global education.









# 6.Student Assoication

**IEI** is a student club initiated by Civil Engineering department. Our motto "LEARN BEYOND ACADEMICS" is driving students to actively participate, learn from alumni, faculty and peers. We conduct events that help students to learn new technologies.



#### Roles and responsibilities

- To encourage students to develop their intra-personal skills, self-confidence, communication skills, general knowledge, by conducting Debates, Quiz, Paper Presentation competitions etc.
- 2. To encourage students to enhance their interests in extracurricular activities by conducting competitions like Dancing, Singing, Role Plays etc.
- 3. To enable students to develop a healthy competitive spirit by competing with students of other departments & colleges, via Intra & Inter Collegiate events.
- 4. To provide a platform to students for knowledge sharing by organizing guest lectures, workshops.
- 5. To provide students with scope and encouragement for the expression of the talent.

# 7. FACULTY ACHIEVMENTS

An academic achievement is any recognized success you may have achieved in an educational context, that you might be able to present on a resume or scholarship application as evidence of your <u>academic skills</u> and unique <u>academic strengths</u>.

MR. NARENDAR received best Mentor Award on 26<sup>th</sup> January.



DR. SWETHA Received reward from Management.



Academic publications should adhere to established reporting guidelines, and convey the relevant information about a study's findings with clarity and effectiveness. Following the advice provided in this article should not be viewed as a guarantee of acceptance for publication.



# 8. R&D ACTIVITIES

#### **Patents Publication:**

S No	Name of Inventor	Title of Invention	A	pplication Number	Publication date
1	Dr A.Swetha,Dr K.Imthat Ullah Khan	Performance of Steel Fiber Reinforcement Concrete on PaymentsInvolving Nano Silicaand Zeolite		202341045934	01-09-2023

#### **Book Authored**

S. N o	Name of the Author	Title of the Book/Bo ok Chapters	Name of the Publisher	ISBN Number	National/ Internatio nal	URL
1.	Dr. EV Raghava Rao	Advanced Methods and Technique s in Drone Surveying	Prashas Research Consultin g Pvt Ltd	978-93- 95699-01- 3	National	https://www.amazon.in/Techniques -Surveying-Simplified- Constructing- Maintaining/dp/B0C4PNZ8WH/ref=sr_1_1?qid=1693029215&&refinements=p_27%3AEv&&s=books&&sr=1-1

#### **Journal Publication:**

Sl. No.	Name of the Faculty Author	Title of the Paper	Journal	Month & Year	Indexing
1	Mrs. M.Anitha	Comparison of Seismic and Wind Analysis of Steel Structures with and without inverted bracings	IJASEM	September 2023	UGC Care
-	Dr.Eswara Veera Raghava	Surface and ground water quality assesment- A case study of Jodimetla,Pochara m, Hyderabad	Mukt Shabd Journal	Nov 2023	UGC Care
	Dr.Eswara Veera Raghava	Teaching learning methodologies and curriculum innovation techniques	The International journal of analytical and experimental modal analysis	Nov 2023	UGC Care

## Ph.D Pursuing:

S.n o	Faculty name	Universit y of Registrati on	Year of Registration	Topic	Area of Research
1	Mr Abdul Hameed	JNTU- Annantapur,And hraPradesh	2015	Rutting Behavior of Bituminous Concrete	Transportation Engineering
2	Mr Mohammed Moiz	Career Point University, Kota Rajasthan	2019	Design ofair craft hanger PEB&CSB using Staadpro & Safe and Cost comparative Analysis	Structures

#### FDP Attended

S.no	Faculty name	Topic	Nam e of event	Name of organization	Venue	Duration with date
1	Dr.A.Swetha	Digital prototyping Using Catia	FDP	ICT Academy	Online	30-09=23
2	Dr.A.Rajaresh wari	Digital prototyping Using Catia	FDP	ICT Academy	Online	30-09=23
3	Dr Asra Fatima	Digital prototyping Using Catia	FDP	ICT Academy	Online	30-09=23
4	Mr.Shahid	Digital prototyping Using Catia	FDP	ICT Academy	Online	30-09=23
5	Dr Asra Fatima	Architectural Planning & Detailing Using Autocad	FDP	ICT Academy	Online	10 hours 28-08-2023 to 01-09- 2023
6	Mrs M.Anitha	Architectur al Planning & Detailing Using Autocad	FDP	ICT Academy	Online	10 hours 28-08-2023 to 01-09- 2023
7	Mr.Maharaj	International Workshop on Research Method and Methodology	Worksho p	Eudoxia Research center	Online	18-12-23 to 26- 12-23
8	Dr.A.Rajaresh wari	Research and Inovation In Structural Engineering	FDP	Varadhaman College Of Engineering	Online	12-02-24 to 17 - 02-24



# 9. Internship Details

S.no	Name of Company	Number of Students	Duration
1	Sathyavani Projects And Consultant Pvt Ltd Hyderabad	14	30 Days
2	Lucad Contracting Limited Hyderabad	4	30 Days
3	SR Construction And Engineering Services Hyderabad	18	30 Days
4	A1 Infrastructure Pvt.Ltd Hyderabad	4	30 Days
5	MAK Consulting And Design Office Hyderabad	3	30 Days
6	Green Land Constructions Hyderabad	1	30 Days
7	NUMOU Life spaces Private Limited Hyderabad	2	30 Days
8	Lifetouch- 360 Consultancy Pvt Ltd Hyderabad	6	30 Days
9	Yans Builders Hyderabad	7	30 Days
10	Roads & Building Department Hyderabad	4	30 Days
11	Facile Fact Designers Hyderabad	1	30 Days
12	Ramky Infrastructure Limited Hyderabad	3	30 Days
13	TSMSIDC Division Hyderabad	1	30 Days
14	Razzak Construction Hyderabad	2	30 Days



# 10. PROFESSIONAL SOCIETY

S.no	Name of the Faculty	Membership Number	Membership Duration
1.	Mr. Mohammed Moiz	LM-120334	Lifetime
2.	Dr.Mohammed Imthathullah Khan	LM-127353	Lifetime
3.	Mr. R G Nauman Khan	LM-120348	Lifetime
4	Mr.Mohd Abdul Hameed	LM-120341	Lifetime
5	Mr. G. Srikanth	LM-132471	Lifetime

#### **Members of Indian Society of Technical Education (MISTE)**

S.no	Name of the Faculty	Membership Number	Membership Duration
1.	Dr. Eswara Veera Raghava	M-142035-0	Lifetime
2	Dr.Mohammed Imthathullah Khan	M-161998-0	Lifetime

#### **Member of Institute of Engineers (M.I.E)**

S.no	Name of the Faculty	Membership Number	Membership Duration
1.	Dr. Eswara Veera Raghava	LM-3101	Lifetime

#### **Indian Geotechnical Society Membership**

#### **PROFESSIONAL MEMBERSHIP**

## The Institute of Engineers India

S.no	Name of the Student	Roll No	Year of study	Membership Duration
2	HAMZA MOHAMMED TAJ	160920732323	4 <sup>th</sup> Year	1 year
3	SYED MOHAMMED SHAFIUDDIN HUSSAINI	160920732039	4 <sup>th</sup> Year	1 year
4	SYED MAHBOOB SHARIF	160920732314	4 <sup>th</sup> Year	1 year
5	SYED JAMSHED ABBAS	160920732003	4 <sup>th</sup> Year	1 year
6	MOHAMMED MUSADDIQUE AHMED	160920732307	4 <sup>th</sup> Year	1 year
7	AREEB MOHIUDDIN	160920732320	4 <sup>th</sup> Year	1 year
8	MOHAMMED ADIL HUSSAIN HYDRI	160920732005	4 <sup>th</sup> Year	1 year
9	MOHAMMED ASADULLAH HUSSAINI	160920732007	4 <sup>th</sup> Year	1 year
10	SYED BILAL KASHIF	160920732316	+4 <sup>th</sup> Year	1 year
11	FARDEEN KHAN	160920732310	4 <sup>th</sup> Year	1 year

12	MOHAMMAD FAISAL MOHIUDDIN SIDDIQUI	160920732308	4 <sup>rd</sup> Year	1 year
13	ABDUL SHOIB	160920732304	4 <sup>rd</sup> Year	1 year
14	MOHAMMAD ABUL AAS	160921732026	3 <sup>rd</sup> Year	1 year
15	RATAN PRAKASH	160921732035	3 <sup>rd</sup> Year	1 year
16	MOHAMMED ZAKARIYA KHAN	160921732032	3 <sup>rd</sup> Year	1 year
17	SHAIK ARFATH	160921732022	3 <sup>rd</sup> Year	1 year
18	SAHIL AHMED KHAN	160921732016	3 <sup>rd</sup> Year	1 year
19	MOHAMMED ABDUL RAHEEM	160921732030	3 <sup>rd</sup> Year	1 year
20	MOHAMMED ISRAR AHMED SIDDIQUI	160921732040	3 <sup>rd</sup> Year	1 year
21	MOHAMMED FAISAL UDDIN	160921732040	3 <sup>rd</sup> Year	1 year

THANK YOU

Presented

by

Civil Department