

CIVIL INSIGHTS

News Letter VOLUME 02 | JULY - DECEMBER 2024

Department of Civil Engineering



Academic Collaborations



ABOUT SRU

outstanding contribution from faculty and students include patents, research publications, sponsored projects and research programs

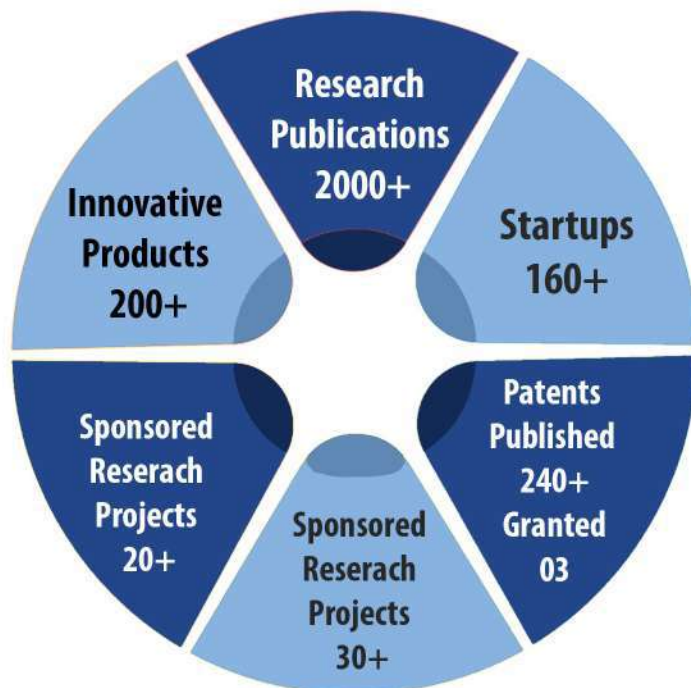
Vision

To accelerate the pace of transformation and advancement of the regional innovation ecosystem through academic excellence, industry relevance, and social responsibility.

Innovative Experiences for Next Generation Change Makers

SR University has been built on the strong foundation set by SR Engineering College over the past 22 years. The college has provided innovative entrepreneurial learning ecosystem in Telangana, facilitating students to think out of the box and come up with creative solutions to modern day challenges. The core values that are common to each program offered at our University are as follows:

Innovation, Creativity & Entrepreneurship	Industry Relevance
Interdisciplinary learning	Information Technology



SR Educational Academy
TELANGANA • ANDHRA PRADESH • KARNATAKA
5 Decades of Educational Leadership
Governs 185 Educational Institutions in South India with 1 Lac students and 5 Lac Alumni.
Founded in 1974, SR Educational Academy is close to a half-a-century of experience in the field of Education
The Academy established Sri Rajeshwara Educational Society in 1991.



Centers of Excellence



- Center for Experiential Learning
- Technical Centers
- Innovation, Creativity & Entrepreneurship
- Research & Development



- Center for Materials & Manufacturing
- Center for AI & Deep Learning
- Center for Embedded & IoT Systems
- Center for Construction Materials and Methods
- Center for Emerging Energy Technologies
- Center for Creative Cognition
- Nest for Entrepreneurship in Science & Technology
- Collaboratory for Social Innovation
- Center for Design
- R & D Cell
- Industry- Institute Partnership Cell

Faculty ONBOARD

Welcome ONBOARD



Dr. Jnyanendra Kumar Prusty has joined as an Assistant Professor in Civil Engineering. He holds a Ph.D. from IIT Guwahati and has 8+ years of experience in teaching and research. His expertise includes Geopolymer mortar, concrete durability, microstructure analysis, and sustainable materials. Welcome aboard!

Dr. Jnyanendra K. Prusty

Assistant Professor, SoE



Dr. Vishnupriyan M has joined as an Assistant Professor in Civil Engineering at the School of Engineering. He holds a Ph.D. from SRM University and has 5 years of teaching and research experience. Welcome aboard!

Dr. Vishnupriyan M

Assistant Professor



Dr. M. Krishna Chaitanya has joined as an Assistant Professor in Civil Engineering at the School of Engineering. He holds a Ph.D. from IIT Guwahati and has 1.5 years of research experience. Welcome aboard!

Dr. M Krishna Chaitanya

Assistant Professor



Mr. Padala Raja Shekar
Assistant Professor

We are delighted to announce that **Mr. Padala Raja Shekar** has joined as an Assistant Professor in the department of Civil Engineering. Mr. Padala Raja Shekar submitted his thesis from NIT, Trichy. We are excited to welcome him to our team and look forward to his contributions.



Dr. P Swamy Naga Ratna Giri
Assistant Professor

We are delighted to announce that **Dr. P Swamy Naga Ratna Giri** has joined as an Assistant Professor in the Department of Civil Engineering at the School of Engineering. Dr. Ajeesh completed his Ph.D. from NIT, Warangal, and brings over 6 years of experience in research and teaching. We are excited to welcome him to our team and look forward to his contributions.



Dr. Prakash N
Assistant Professor

We are delighted to announce that **Dr. Prakash N** has joined as an Assistant Professor in the Department of Civil Engg. Dr. Prakash completed his Ph.D from SRM Institute of Science & Technology, Chennai. With over 10+ years of experience in teaching and research, his expertise lies in the fields of carbon sequestration and waste management. We are excited to welcome him to our team and look forward to his contributions.

Faculty Promotions

Congratulations

To
Our Dedicated Faculty Members
on getting Promotion
as Professor

Department of Civil Engineering



Dr. Rajesh Kumar
Professor

Our Department faculty member **Dr. Rajesh Kumar** has been promoted to the esteemed position of Professor.

Dr. Kumar's exceptional dedication to teaching research, and service has been an inspiration to students and colleagues alike. His contributions to the field of Civil Engineering continue to make a significant impact, and this achievement is a testament to his unwavering commitment to excellence.

Orientation Programs for UG & PG Students

DEPARTMENT OF CIVIL ENGINEERING
SCHOOL OF ENGINEERING



WELCOMES

YOU ALL FOR THE COMMENCEMENT OF ODD SEMESTER
FOR THE ACADEMIC YEAR 2024-25 ON 29/07/2024



Have a word with our academic counsellor.
+91 833 100 4040 / 3030

www.sru.edu.in

DEPARTMENT OF CIVIL ENGINEERING
SCHOOL OF ENGINEERING



WELCOMES

ORIENTATION PROGRAM
FOR
M.TECH (CONSTRUCTION TECHNOLOGY AND MANAGEMENT)

ON 23/10/2024
TIME: 10:30AM
VENUE : 2205



ASSITANT DEAN PG (CIVIL)
DR.SRITAM SWAPNADARSHI SAHU

Have a word with our academic counsellor.
+91 833 100 4040 / 3030

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Workshop on Gamification & SRAaP for Students

DEPARTMENT OF CIVIL ENGINEERING
SCHOOL OF ENGINEERING

Invites you to
A hands-on workshop on Gamification & SRAaP
on 14/08/2024
10:00am to 12:00pm, Venue: Civil Seminar Hall, Block - II

Resource Person
Mr. SRINIVAS ALUVALA
Assistant Professor CS&AI &
Controller of Examinations





Have a word with our academic counsellor,
+91 833 100 4040 / 3030

www.sru.edu.in



Students Interactive Session with Vice Chancellor



Interactive Session on Sports, Games, and NSS

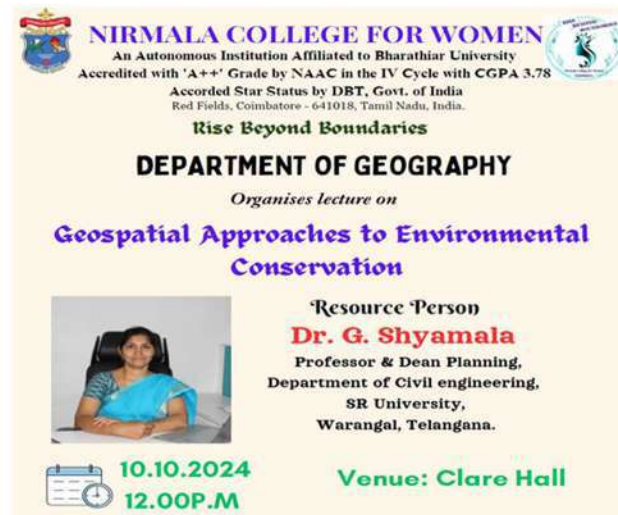
Department of Civil Engineering conducted an interactive session on Sports, Games, and NSS by **Dr. Koppula Ravindar** on August 30th, 2024



Expert Talks at outside SRU

Dr. Sritam S. Sahu delivered an expert talk on title “Emerging the future: Advanced applications and techniques in foam concrete” at Annamacharya Institute of Technology & Sciences on 17-09-2024

Dr. G. Shyamala delivered an expert talk on “Geospatial Approaches to Environmental Conservation” at Nirmala College for Women on 10-10-2024, providing valuable insights into the role of geospatial technologies in sustainability and environmental management.



Expert Talks Invited

Mr. Padala Raja Shekar, Assistant Professor in the Department of Civil Engineering at SR University, organized an online seminar on "Design of Steel Structures." The session, held on November 14th, 2024, from 6:30 PM to 7:30 PM, featured Er. T. Jaganath as the guest speaker. The seminar attracted an engaged audience, reflecting strong enthusiasm and participation. The event provided valuable insights into the principles and applications of steel structure design, reinforcing the significance of structural engineering in modern construction practices.

DEPARTMENT OF CIVIL ENGINEERING
SCHOOL OF ENGINEERING

ONLINE SEMINAR
ON
DESIGN OF STEEL STRUCTURES

ER. T. JAGANATH

ON 14/11/2024
TIME: 06:30PM TO 07:30PM
COORDINATOR
Mr. Padala Raja Shekar
JOIN ZOOM MEETING ID: 864 8648 0015
PASSCODE: 123456

Have a word with our academic counsellor.
+91 833 100 4040 / 3030

www.sru.edu.in

Project Expo: YANTRA-2024

Our students actively participated in the Project Expo conducted at our institute, showcasing their innovative ideas and technical expertise.



Parent-Teacher Meeting

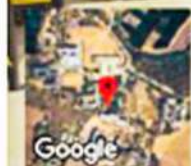
The Department of Civil Engineering successfully conducted a Parent-Teacher Meeting on 05.10.2024, fostering meaningful discussions between faculty and parents. The session focused on students' academic progress, curriculum insights, and future career opportunities. Faculty members addressed concerns, provided guidance, and emphasized collaborative efforts to support students' growth.



Anantasagar Colony, Telangana, India
3FQ8+JG6, Anantasagar Rd, Anantasagar Colony, Telangana 506371
Lat 18.089543°
Long 79.467715°
05/10/24 10:34 AM GMT +05:30



Hanumakonda, Telangana, India
Unnamed Road, Telangana 506371, India
Lat 18.08871°
Long 79.469029°
05/10/24 01:10 PM GMT +05:30



Hanumakonda, Telangana, India
Unnamed Road, Telangana 506371, India
Lat 18.088719°
Long 79.469035°
05/10/24 12:44 PM GMT +05:30



Anantasagar Colony, Telangana, India
3FQ8+JG6, Anantasagar Rd, Anantasagar Colony, Telangana 506371, India
Lat 18.089541°
Long 79.46778°
05/10/24 10:33 AM GMT +05:30

Meeting with Alumni

The Civil Engineering Department proudly hosted a successful Alumni Meet, bringing together past and present students to share experiences, insights, and industry trends.



Meeting with Batch Representatives



BR meetings: We discuss key concerns and updates regarding our batch. This meeting allows us to address academic matters, student concerns, and any collaborative initiatives to enhance our learning experience.

Student Achievements

Gamification topper awards

Civil Engineering students, **Gaddam Soumya** and **P. Vivekananda Sai** have been selected for the Topper Award based on their outstanding performance in gamification for the academic year 2023-24.



Student Participation in Army Attachment Camp

Third-year student, **Mr Mohammad Azhad** attended an Army Attachment Camp held at 13 Punjab 76 INF BDE Regiment, Hyderabad, from 19th August 2024 to 28th August 2024. This prestigious camp offered invaluable exposure to military life, leadership, and discipline qualities that are essential both in the armed forces and in shaping future leaders in all walks of life.



Student's Academic Selection in Foreign University



UMKC Student ID Number: 16381906
UMKC SSO: amg9

Dear Anas Mohammad,

Congratulations! You have been admitted to the University of Missouri-Kansas City starting in the Spring 2025 semester with a plan of study of Non-Degree Undergraduate Science and Engineering. The first day of class is January 21, 2025. Choosing UMKC means you are now a member of a vibrant and diverse urban community. UMKC faculty, staff, and students are all here to support your goals and help you succeed!

UMKC has recently changed our admission process. This letter confirms your academic admission to UMKC. However, we will only send an I-20 after we receive qualifying financial documents from you. Please provide the documents we have requested on your online checklist and through email. After you submit qualifying financial documents, you will receive an email notifying you of an update on your student application portal within 2 weeks indicating that your I-20 is available.

We look forward to welcoming you to Kansas City and your new campus very soon! In the meantime, look for emails from our office to help you prepare for your arrival.

Sincerely,

Mark E. Daly

Mark E. Daly
Director of International Affairs

Third year student **Mr. Anas Mohammad** has been selected to continue his academic journey at the University of Missouri-Kansas City starting in Spring 2025. This opportunity highlights the strength of international collaboration and the dedication of our student.



Mr. Anas Mohammad

Student's Certification Courses



Scholars Achievements

Research Scholar **Mr. R. Abhinav** secured 1st prize in poster presentation in “Zonal Research Scholars Conclave: Research for Radiant Bharath” organized by SHODH Telangana during 8th and 9th November 2024 at JNTU Hyderabad



Ph.D. scholars received certificates from the VC for their research milestones





Scholar Achievements on Certification Courses

Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
AGALDITI SAI KRISHNA
for successfully completing the course

Sustainable Engineering Concepts and Life Cycle Analysis

with a consolidated score of **76** %

Online Assignments	22.67/25	Proctored Exam	53.63/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **888**

Jul-Sep 2024
(8 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL24CE61S250101110 To verify the certificate No. of credits recommended: 2 or 3

Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
DANDAPELLI HARSHAVARDHAN
for successfully completing the course

Building Materials as a Cornerstone to Sustainability

with a consolidated score of **86** %

Online Assignments	24.69/25	Proctored Exam	61.22/75
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Total number of candidates certified in this course: **1608**

Jul-Oct 2024
(12 week course)

Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL24AR20S662000297 To verify the certificate No. of credits recommended: 3 or 4

Non-Teaching Staff Achievements



Our Department Office Executive, **Mr. Anil Kumar** has been honored with the **Vice Chancellor's Employee of the Year Award 2**



SRU SR UNIVERSITY

CERTIFICATE OF APPRECIATION

This certificate is proudly presented to

Mr. M.SANTHOSH

For outstanding support and contribution as a Lab Assistant in the
Three Day Workshop on
"Computer Numerical Control Programming" organized by the
Department of Mechanical Engineering, SR University, Warangal.
During 8th - 10th November, 2024.

DR. SUBBARAO MEDA BALISHI
CONVENOR
ASSISTANT PROFESSOR

HEAD OF THE DEPARTMENT
DR. PANKAJ KUMAR
PROFESSOR

Lab Assistant, **Mr. Santosh Merugu** has been awarded for his outstanding support and contribution during the Three-Day workshop on "Computer Numerical Control Programming" organized by Mechanical Department, from 8th to 10th December

Faculty Achievements



Publications

Our faculty members

Dr. G. Shyamala,

Dr. K. Poongodi,

Dr. P. Murthi, and

Dr. Sritam Swapnadarshi Sahu got awarded by our Honourable Vice Chancellor **Dr. Deepak Garg** on October 29th, 2024, for their exemplary supervision and guidance, leading to the successful publication of research papers by their PhD scholars.

Publications

Dr. Sritam S. Sahu and his Foam Concrete Team **Mr. Abhinay Rakam** and **Mr. Pillalamarri Bikku** have successfully published a review paper titled "State- of-the-art Review on Advancement in Foam Concrete Production Technology Using Mineral Admixtures" in journal "Innovative Infrastructure Solutions", classified as Q2, Scopus.

Congratulations



Dr. Sritam Swapnadarshi Sahu
Assistant Professor,
Department of Civil Engineering

For Publishing a
Research Paper in

Q2 SCOPUS

TITLE OF THE ARTICLE
State-of-the-art review on
advancement in foam concrete
production technology using
mineral admixtures

JOURNAL NAME
Innovative Infrastructure
Solutions
<https://doi.org/10.1007/s41062-024-01760-7>

Congratulations



Mr. Padala Rajashekar
Assistant Professor,
Department of Civil Engineering.

For Publishing a
Research Paper in

Q1 SCOPUS

TITLE OF THE ARTICLE
Machine learning and deep
learning-based landslide
susceptibility mapping using
geospatial techniques in
Wayanad,Kerala state, India

JOURNAL NAME
HydroResearch
<https://doi.org/10.1016/j.hydres.2024.10.001>

Mr. Padala Raja Shekar has successfully published a research paper titled "Machine learning and deep learning-based landslide susceptibility mapping using geospatial techniques in Wayanad, Kerala state, India." in journal "Hydro Research", classified as Q1, Scopus.

Dr. Prakash Neelamegam has successfully published a groundbreaking research paper titled: "Impact of plastic waste fiber and treated construction demolition waste on the durability and sustainability of concrete." This outstanding work is indexed in SCIE Q1 and featured in the prestigious journal Scientific Reports.

Congratulations



Dr. Prakash Neelamegam
Assistant Professor,
Department of Civil Engineering

For Publishing a
Research Paper in

Q1 SCIE

TITLE OF THE ARTICLE
Impact of plastic waste fiber
and treated construction
demolition waste on the
durability and sustainability
of concrete

JOURNAL NAME
Scientific Reports
<https://doi.org/10.1038/s41598-024-78107-w>

Publications

Dr. P. Murthi, published a research paper in MDPI. Paper Title: Enhancing Load-Carrying Capacity of Reinforced Concrete Columns with High Aspect Ratio Using Textile-Reinforced Mortar Systems. Journal: Buildings - SCIE Q1

Congratulations

Dr. P. Murthi

Professor, Dept of Civil Engineering

For publishing a
Research paper in

MDPI

Paper Titled

Enhancing Load-Carrying Capacity of Reinforced Concrete Columns with High Aspect Ratio Using Textile-Reinforced Mortar Systems

Journal Name

Buildings - SCIE Q1 - Impact Factor 3.1



Congratulations

Dr. Sritam Swapnadarshi Sahu

Assistant Professor, Dept of Civil Engineering

For publishing a
Research paper in

SPRINGER

Paper Titled

Enhancing Flexural Performance of Self-Compacting Concrete Beams Using Fiber-Reinforced Polymer Composites

Journal Name

Building Pathology and Rehabilitation- Scopus (Q2)- IF 2.63



Dr. Sritam Swapnadarshi Sahu published a research paper titled "Enhancing Flexural Performance of Self-Compacting Concrete Beams Using Fiber-Reinforced Polymer Composites" in Journal Building Pathology and Rehabilitation (**Scopus Q2, SPRINGER**).

Collaborations

The Department of Civil Engineering successfully completed a collaboration agreement between SR University and **NIES training center** on July 3rd, 2024. This partnership aims to foster innovation, enhance educational opportunities, and provide top-notch training programs for our students.



The Department of Civil Engineering successfully signed a **MoU** between SR University and **Shreshta Constructions, Warangal, India**. This partnership will empower our students with industry insights and practical exposure.



Industrial Visit

Dr. K. Rajesh Kumar organized a technical discussion with our students at SRU's newly constructed site, where they explored various aspects of modern construction techniques, sustainability practices, and safety protocols. The session provided valuable insights into industry trends and real-world engineering challenges, enhancing students' practical knowledge and exposure to fieldwork.



Third-year students participated in an industrial visit to Kakatiya Infrastructures, Warangal, on September 24th, 2024, gaining hands-on exposure to industry practices. The visit provided students with practical insights into infrastructure development, project management, and engineering innovations.



Internship & Placements

Internship at CSIR-CBRI, ROORKEE

Our final-year students have secured their internship project at the prestigious CSIR Central Building Research Institute (CBRI), Roorkee as part of our MOU program. This fantastic opportunity provides them with valuable hands-on experience, enabling them to contribute to groundbreaking research.

SRU SR UNIVERSITY

Centre for Construction Methods and Materials

Six Months of Research Internship under
Md. Reyazur Rahman
Senior Scientist

AT



CH. Eshwar
2205A1L001

CSIR - CBRI, Roorkee

Research Area
CARBONATION SEQUESTRATION UTILISING RECYCLED CONCRETE AGGREGATE

2022 - 25 Batch

SRU SR UNIVERSITY

Centre for Construction Methods and Materials

Six Months of Research Internship under
Dr. Nawal Kishor Banjara
Principal Scientist

AT



G. Akshitha
2205A1L036

CSIR - CBRI, Roorkee

Research Area
REPAIR AND RETROFITTING OF FIRE DAMAGED RC STRUCTURAL MEMBERS

2022 - 25 Batch

SRU SR UNIVERSITY

Centre for Construction Methods and Materials

Six Months of Research Internship under
Dr. R. Siva Chidambaram
Senior Scientist

AT



T. Saisheshu
2205A1L015

CSIR - CBRI, Roorkee

Research Area
IMPACT BEHAVIOUR OF TEXTILE REINFORCED CONCRETE (TRC) PANELS


2022 - 25 Batch

SRU SR UNIVERSITY

Centre for Construction Methods and Materials

Six Months of Research Internship under
Dr. Prasanta Kar
Scientist

AT



T. Praneeth
2105A1L019

CSIR - CBRI, Roorkee

Research Area
CONCRETE FILLED STEEL TUBES (CFST)

2021 - 25 Batch

SRU SR UNIVERSITY

Centre for Construction Methods and Materials

Six Months of Research Internship under
Dr. A. Aravind Kumar
Senior Scientist

AT



S. Manasa
2205A1L034

CSIR - CBRI, Roorkee

Research Area
DEVELOPMENT OF FIRE RESISTANT CEMENTITIOUS BASED Vermiculite COATING

2022 - 25 Batch

SRU SR UNIVERSITY

Centre for Construction Methods and Materials

Six Months of Research Internship under
Dr. Dedbutta Gosh
Senior Scientist

AT



Syed Saif Uddin
2205A1L011

CSIR - CBRI, Roorkee

Research Area
IMPACT ECO TESTING ON TEXTILE REINFORCED MORTAR (TRM)


2022 - 25 Batch

SRU SR UNIVERSITY

Centre for Construction Methods and Materials

Six Months of Research Internship under
Dr. Dedbutta Gosh
Senior Scientist

AT



M. Harsha Vardhan
2105A1L010

CSIR - CBRI, Roorkee

Research Area
BEHAVIOUR OF STONE MASONRY WITH TEXTILE REINFORCED MORTAR (TRM) UNDER STATIC AND DYNAMIC LOADS

2021 - 25 Batch

SRU SR UNIVERSITY

Centre for Construction Methods and Materials

Six Months of Research Internship under
Dr. R. Siva Chidambaram
Senior Scientist

AT



K. Arun Kumar
2105A1L008

CSIR - CBRI, Roorkee

Research Area
AXIAL BEHAVIOUR OF PRE-CAST COLUMN - COLUMN CONNECTIONS & CHEMICAL ANALYSIS OF CONCRETE

2021 - 25 Batch

SRU SR UNIVERSITY

Centre for Construction Methods and Materials

Six Months of Research Internship under
Dr. R. Siva Chidambaram
Senior Scientist

AT



G. Keerthana
2205A1L029

CSIR - CBRI, Roorkee

Research Area
NOT TESTING AND RETROFITTING OF FIRE DAMAGED BEAMS AND COLUMNS

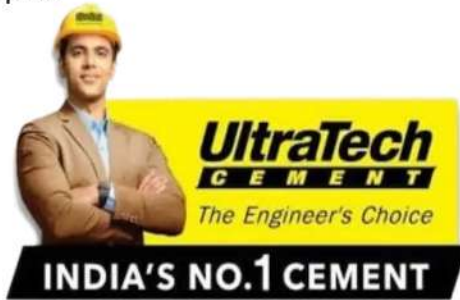
2022 - 25 Batch

Internship at Ultratech Cement (Aditya Birla Group)

Congratulations

Centre for Construction Methods and Materials

Secured Paid Internship at



Monthly Stipend with

Rs 18000/-

 Location at WARANGAL, KAZIPET



B. Praveen Kumar
2205A1L023



**Mohammed Saif
Mohiuddin**
2205A1L007



Kamballa Ajay
2205A1L035



D. Sandeep
2205A1L003

2022-25 Batch

Our final year students have secured a paid internship at **UltraTech Cement (Aditya Birla Group)** with a monthly stipend of **₹18,000**.

Congratulations



M. Jayanth
(2105A1L025)



H. Sai Kiran
(2105A1L018)



K. Rohith
(2105A1L019)



N. Pranav
(2105A1L031)

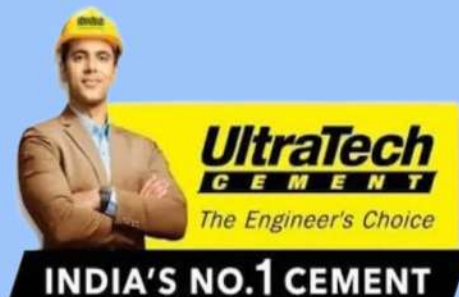


G. Bharadwaj
(2005A11031)

Our students have secured placements at **UltraTech Cement** with an impressive package of **₹5.4 LPA**. We are incredibly proud of their achievements and wish them continued success in their professional journey.

Centre for Construction Methods and Materials

Placed at



Package with

5.4 LPA



Celebration & Orientation



DEPARTMENT OF CIVIL ENGINEERING SCHOOL OF ENGINEERING



WELCOMES

ORIENTATION PROGRAM

FOR

M.TECH (CONSTRUCTION TECHNOLOGY AND MANAGEMENT)



ON 23/10/2024

TIME: 10:30AM

VENUE : 2205



ASSITANT DEAN PG (CIVIL)

DR.SRITAM SWAPNADARSHI SAHU

Have a word with our academic counsellor.

+91 833 100 4040 / 3030



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Engineer's Day Celebration

SCHOOL OF ENGINEERING DEPARTMENT OF CIVIL ENGINEERING

ENGINEER'S DAY CELEBRATION

VENUE: SRIX AUDITORIUM

DATE: 13/09/2024

TIME: 10.00 AM TO 1.00 PM

**THEME : ENGINEERING
SOLUTIONS FOR A
SUSTAINABLE WORLD**



Have a word with our academic counsellor.

+91 833 100 4040 / 3030



**CHIEF GUEST
ER. SAI KRISHNA NAMANI
FOUNDER,
SRESHTHA CONSTRUCTIONS**



www.sru.edu.in



Convocation Participation

