

An aerial night view of a city street, likely in Chicago, showing a monorail track running down the center. The street is illuminated with warm yellow lights, and the surrounding buildings are lit up, creating a vibrant urban scene. The sky is dark with some light clouds. The image is partially obscured by a dark blue diagonal shape in the top left and an orange diagonal shape in the bottom left.

**IN BLICK**

**ISSUE 7**

**OCT 2023 -DEC 2023**

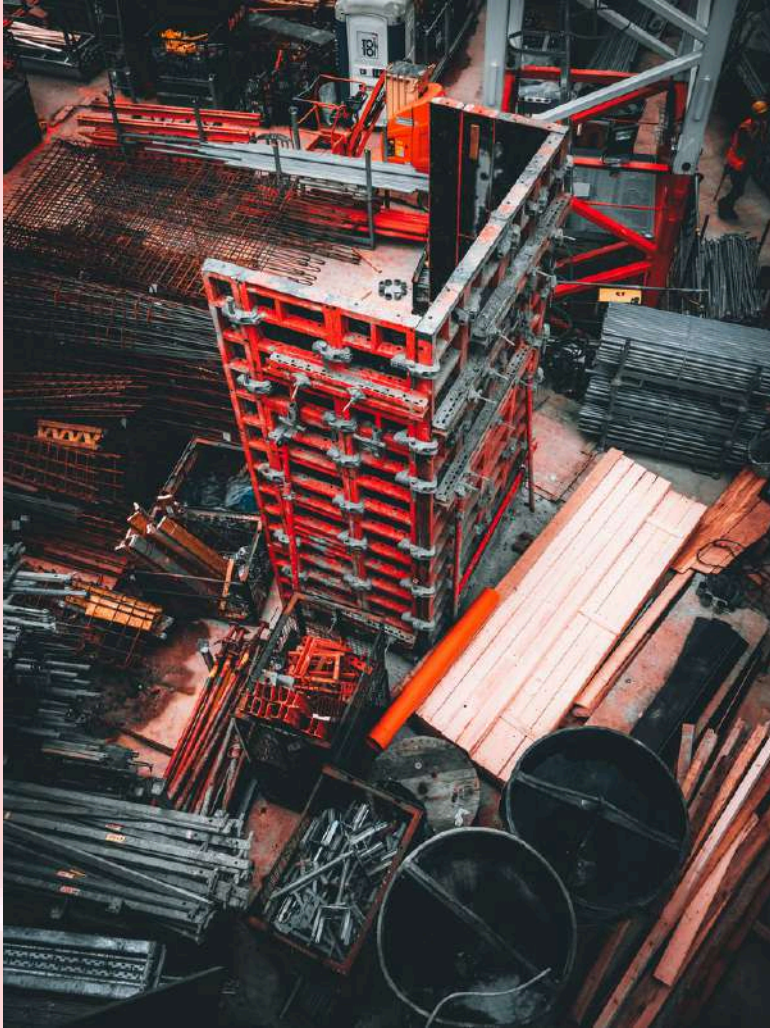
**CIVIL DEPARTMENT  
NEWSLETTER**

**DEPARTMENT OF CIVIL ENGINEERING  
EASWARI ENGINEERING COLLEGE  
(AUTONOMOUS)**

IN BLICK

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CHIEF EDITOR  
**Mr. Lenin Dhal**

Assistant Professor

Oct 2023 - Dec 2023  
CIVIL NEWSLETTER  
IN BLICK

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# Department Vision

To provide basic and advanced knowledge and skills among civil engineering students so as to meet the changing industrial and research needs to become the acknowledged leader in civil engineering.



# Department Mission

- To provide education in the field of civil engineering and guide them towards technical advancement
- To impart essential skills to the students and enhance their employable potential and entrepreneurial capabilities
- To educate the student in solving problems related to interdisciplinary fields
- To nurture leadership skills with social consciousness to act professionally and ethically
- Extend engineering knowledge through creative, innovative projects and research so as to promote consultancy for industrial and social needs.
- To use modern engineering tools and appropriate teaching techniques for modeling, analyzing and designing the real world problems



## PROGRAMME EDUCATIONAL OBJECTIVES (PEOS)

- Graduates will have fundamental technical knowledge in their domain and contribute to the development of various disciplines of civil engineering such as structural engineering, Construction management, Environmental engineering by continuous education.
- Graduates will exhibit effective communication, leadership, problem solving and decision-making skills by understanding contemporary issues in industry and contribute to overall personality and career development
- Graduates shall ensure sustainable development through lifelong learning and be socially responsible..



- Graduates will be proficient in academics and a segment of our graduates will pursue higher studies and involve in research and development in the various branches of civil engineering
- Graduates will apply the fundamentals of science (Mathematics, Physics and Chemistry) in engineering and be capable of teaming with multi-disciplinary professionals to analyze, design and execute projects in the field for obtaining solutions to emerging technical problems..

## PROGRAMME OUTCOMES (PO)

- i) **Engineering Knowledge:** Apply the knowledge of mathematics, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- ii) **Problem Analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- iii) **Design/Development of Solutions:** 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.
- iv) **Conduct Investigations of Complex Problems:** Use research-based knowledge and interpretation of data, and synthesis of the information to analyze a complex problem: That cannot be solved by straightforward application of knowledge of theories and techniques applicable to the engineering discipline as against problems given at the end of chapters in a typical text book that can be solved using simple engineering theories and techniques; that may not have a unique solution. For example, a design problem can be solved in many ways and lead to multiple possible solutions; that require consideration of appropriate constraints / requirements not explicitly given in the problem statement such as cost, power requirement, life ability, which need to be defined (modeled) within appropriate mathematical framework; and that often require use of modern computational concepts and tools, for example, in the design of an antenna or a DSP filter.
- v) **Modern Tool Usage:** 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.

## PROGRAMME OUTCOMES (PO)

vi) The Engineer and Society: 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.viii) Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice. ix) Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings. x) Communication: 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. xi) Project Management and Finance: 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. xii) Life-long Learning: Recognize the need for, and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.







## ARUNACHALESHWAR TEMPLE



Arunachalesvara Temple (also called Annamalaiyar Temple) is a Hindu temple dedicated to the deity Shiva, located at the base of Arunachala hill in the town of Tiruvannamalai in Tamil Nadu, India. It is significant to the Hindu sect of Shaivism as one of the temples associated with the five elements, the Pancha Bhuta Sthalams, and specifically the element of fire, or Agni.

Shiva is worshipped as Arunachalesvara or Annamalaiyar, and is represented by the lingam, with his idol referred to as Agni lingam. His consort Parvati is depicted as Unnamalai Amman or Apithakucha Ambal.[2][3] The presiding deity is revered in the 7th-century Tamil Saiva canonical work, the Tevaram, written by Tamil saint poets known as the nayanars and classified as Paadal Petra Sthalam. The 9th-century Shaiva saint poet Manikkavasagar composed the Tiruvempavai here.

The temple complex covers 10 hectares, and is one of the largest in India.[4] It houses four gateway towers known as gopurams. The tallest is the eastern tower, with 11 stories and a height of 66 metres (217 ft), making it one of the tallest temple towers in India built by Sevappa Nayakkar (Nayak dynasty)[4] The temple has numerous shrines, with those of Arunachalesvara and Unnamalai Amman being the most prominent. The temple complex houses many halls; the most notable is the thousand-pillared hall built during the Vijayanagara period.



## SALAR JUNG MUSEUM



The Salar Jung Museum is an art museum located at Dar-ul-Shifa, on the southern bank of the Musi River in the city of Hyderabad, Telangana, India. It is one of the notable National Museums of India.[1] Originally a private art collection of the Salar Jung family, it was endowed to the nation after the death of Salar Jung III. It was inaugurated on 16 December 1951.

It has a collection of sculptures, paintings, carvings, textiles, manuscripts, ceramics, metallic artefacts, carpets, clocks, and furniture from Japan, China, Burma, Nepal, India, Persia, Egypt, Europe, and North America. It is one of the largest museums in the world.



A nobleman of the Salar Jung family of Hyderabad, Nawab Mir Yousuf Ali Khan, Salar Jung III (1889–1949) served as Prime Minister of Hyderabad during the Nizam's rule. He spent a substantial amount of his income, over a period of thirty-five years, collecting artefacts from all across the world.





## Ruhan Khandaker



**Ruhan was never able to attend college—obligations to his family prevented that. He had no technical background, and no formal degree. But that wasn't going to stop Ruhan. He believed in himself, and was determined to find a way to build a technology career for himself. It was this fierce determination that led him to Udacity, where he began building his foundational skills in Python programming. He loved what he was learning, and kept his eyes out for new opportunities. When he learned about the Google Developer Scholarship, he recognized the chance to take a significant step forward on his journey. Today, Ruhan is already in Phase 2 of the scholarship program. And not only is he learning new skills, he's helping others in the scholarship community progress through their studies!**

***“Develop your Python skills with our Programming for Data Science with Python nanodegree program.”***

**THE REAL BEAUTY  
OF THE BUILDING IS  
SEEN WHEN THE  
RIGHT PAINTS  
TOUCH ITS WALLS.**

**Ernest Agyemang Yeboah**

# QUOTES



*A new year Is the best Time  
To Make fresh new Beginnings as you Begin  
A New chapter of your life  
To fill up the pages with Beautiful verses*

*-Thomas Britto  
Civil Engineer*





# WORKSHOP ON "LEED-WATER EFFICIENCY"

**EASWARI ENGINEERING COLLEGE**  
 An Autonomous Institution  
 Affiliated to Anna University  
 RAMAPURAM, CHENNAI

**Environmental & Green Campus Functional committee**  
**Indian Green Building Council & Yuga Club**

Organizes one day workshop on

**LEED (THE LEADERSHIP IN ENERGY & ENVIRONMENTAL DESIGN) - WATER EFFICIENCY**

📅 05.10.2023 ⌚ 09:30 am 📍 Gallery Hall - Civil

**Er. Deepak S**  
 BIM Consultant  
 Unique MEP Engineering Academy Pvt. Ltd.

**Er. Mohammed Sajid S**  
 MEP Design Engineer  
 Unique MEP Engineering Academy Pvt. Ltd.

Convenor  
**Dr. S. Lavanya Prabha**, Professor & Head - Civil  
 Co-Convenors  
**Dr. Gunaselvi Manohar**, Associate Professor - EIE  
**Dr. M. Siva**, Assistant Professor - Civil  
**Mr. J. Ajith**, Assistant Professor - Civil

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The event was conducted in offline mode at Gallery hall, Department of Civil Engineering, Easwari Engineering College, Ramapuram. The chief guest of the event Er.Deepak S(BIM manager, Unique MEP Engineering Academy Pvt. Ltd., Chennai), Dr.S.Lavanya Prabha, Dr.M.Siva, AP/Civil,Mr.J.Ajith and Ms.Harsida (IGBC studentPresident), Santhosh kumar N V (YUGA club studentvice president) has lighted the lamp. HoD, Department of Civil Engineering, EEC gave inaugural address to the gathering and invited the Chief guest withmomento. The event began with introduction of office bearers of IGBC and YUGA club with badges. The winners of ideathon event were provided with winning certificates by the chief guest. Followed by reinstallation, workshop was conducted by the chief guest. Vote of thanks was given by Santhoshkumar N V at the end of the programme.







# SCHOOL PROGRAM



Mr.Mohan gave a Lecture on the topic “ After School education” to the 12th standard students, at Govt. Higher Secondary School Poondamalli. School students interacted with the speaker and got benefited. 70 Students participated in the programme.





# REINSTALLATION AND GUEST LECTURE OF ICI

**EASWARI ENGINEERING COLLEGE**  
AN AUTONOMOUS INSTITUTION  
AFFILIATED TO JSSA UNIVERSITY  
RAMAPURAM CHENNAI

**DEPARTMENT OF CIVIL ENGINEERING**  
**INDIAN CONCRETE INSTITUTE &  
The Institution of Engineers (India)**  
**STUDENT CHAPTERS'**

Organises  
**GUEST LECTURE**  
**RECENT TRENDS IN CONCRETE TECHNOLOGY**

13.10.2023 | 2.00 - 4.00 PM  
CIVIL GALLERY HALL

**Mr. Ravi Shhankkar Subramaniam**  
Executive Committee Member,  
Technical Director,  
Integino Structural Solutions Pvt. Ltd. Chennai,  
Isrx@Integino.com

**Convenor**  
Dr.S.Lavanya prabha, Prof / HOD - Civil

**Co-Convenors**  
Mrs.G.Prabha, Assistant Professor - Civil  
Mr.M.Surendar, Assistant Professor - Civil

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The guest lecture on recent trends in concrete construction unfolded as a captivating exploration into the evolving landscape of building design and construction methodologies. The guest lecture was given by Er. Ravi Shhankkar Subramaniam, Chief Executive Officer of the Building and this operation was at unique opportunity to gain insights into two critical aspects: the engineering marvels of tall buildings and the innovative techniques in concrete pumping. Beyond the technical details, the guest lecturer ignited inspiration by motivating the audience to dream high, encouraging them to embrace ambitious goals in the field of construction.





# TRAINING AND DEVELOPMENT PROGRAM



Department of Civil Engineering organized a “Training and development program” on Waterproofing Training for practicing engineers and students, on 13th October 2023. At first, the lecture started with Distress in concrete. Then the session explained the types of distress and causes of distress. The mistakes that could happen during the application of waterproof were explained. Good construction practice, building envelope, Diagnosis, condition assessment, and the right strategy and methodology for attending to a problem are being lectured.







# INDIAN PLUMBING PROFESSIONAL LEAGUE 2023

**IPPL** INDIAN PLUMBING PROFESSIONAL LEAGUE  
Learning + Knowledge + Skills  
"A Competition To Unleash"

**EASWARI ENGINEERING COLLEGE**  
An AUTONOMOUS Institution  
AFFILIATED TO ANNA UNIVERSITY  
RAMAPURAM CHENNAI

**Student's Chapter Indian Plumbing Association**  
In Association With  
**Department Of Civil Engineering**

Cordially invites you to the training and quiz Program on  
**INDIAN PLUMBING PROFESSIONAL LEAGUE (IPPL) 2023**  
on Saturday, October 14th, 2023 at  
8.30am

*Chief guest*  
**Er. K. SREEKUMAR**  
VP Reid, LARSEN AND TOUBRO  
BUILDINGS AND FACTORIES

*Guest of honor*  
**Er. R. SANKAR**  
MANAGING DIRECTOR,  
SUBRAHMANYAN CONSTRUCTIONS CO. (P), Ltd

**Mr. JOSEPH MATHEW**  
Chairman of IPA Chennai Chapter  
**CONVENOR**

**Dr. S. Lavanya Prabha**  
Prof /Head Of Department  
Civil Engineering

**CO-ORDINATOR**  
**Dr. S. Virapan**  
Prof/Civil  
Engineering  
**Mrs. M. Amala**  
ASST. Prof/Civil  
Engineering

@srmeaswaricivil

Students Chapter the Indian Plumbing Association, Department Civil Engineering of Easwari Engineering College Inaugurated the 7th Edition of **INDIAN PLUMBING PROFESSIONAL LEAGUE 2023 (IPPL 2023)** this program was conducted on 14/10/2023 at 9.30 am in Gallery Hall. where employees from over 25 companies comprised of 30 Teams (2 members in a team) from different plumbing and construction industry. It is a 4-week session which will be conducted on every Saturday.





# ISR PROGRAM

**EASWARI ENGINEERING COLLEGE**  
An AUTONOMOUS Institution  
Affiliated to Anna University  
RAMAPURAM CHENNAI

DEPARTMENT OF CIVIL ENGINEERING  
Organizes  
**Institute Social Responsibility (ISR) Program for School Children**  
**CAREER OPPORTUNITIES**  
AFTER SCHOOL EDUCATION  
St. Joseph Higher Secondary School, Chengalpattu.

14.10.2023 12.00 - 1.00 PM

**Dr. S. Lavanya Prabha**  
PROFESSOR AND HEAD  
DEPARTMENT OF CIVIL ENGINEERING  
EASWARI ENGINEERING COLLEGE

**Dr. R. Gopalakrishnan**  
PROFESSOR / CIVIL  
DEPARTMENT OF CIVIL ENGINEERING  
EASWARI ENGINEERING COLLEGE

meet.google.com/wjf-wvltw-ist  
Google Meet

**CONVENOR:**  
Dr. S. Lavanya Prabha  
Professor and Head / CIVIL

**COORDINATORS:**  
Dr. R. Gopalakrishnan  
Professor / CIVIL  
Dr. G. Velraj Kumar  
Assistant Professor / CIVIL

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Department of Civil Engineering, EEC organized the School Programme as part of ISR Activity on 14.10.23 between 12.00 pm to 1.00 pm for St. Joseph Higher Secondary School, Chengalpattu through the online Platform Google meet. Mr. Ramesh Pandiangiven the welcome address and Dr. S. Lavanya Prabha, HOD of Civil Engineering gave the Lecture on the topic "Career opportunities after school Education". Dr. R. Gopalakrishnan, Professor, Civil Engineering also spoke on the topic Various Entrance Exams for admission into higher education. School students interacted with the faculty team and got benefited. Dr. G. Velraj Kumar Civil ended the program with vote of thanks. 65 Students from 12th standard participated the programme.





# GUEST LECTURE

**EASWARI ENGINEERING COLLEGE**  
An AUTONOMOUS Institution  
Affiliated to Anna University  
RAMAPURAM CHENNAI

**DEPARTMENT OF CIVIL ENGINEERING  
TOPPER'S CLUB**  
Organizes

**SCHOOL OUTREACH PROGRAM**  
On  
**CAREER GUIDANCE AND POSITIVE THINKING**  
Little flower matriculation Hr. Sec School , Ashok Nagar

**18.11.2023** ⌚ **01.00 pm**

**Mr. Lenin Dhal**  
ASSISTANT PROFESSOR & MOTIVATIONAL SPEAKER  
DEPARTMENT OF CIVIL ENGINEERING  
EASWARI ENGINEERING COLLEGE

**CONVENOR:**  
Dr.S.Lavanya Prabha  
Professor and Head/ CIVIL

**COORDINATORS:**  
Mr. Lenin Dhal, Assistant Professor /Civil  
Dr.M.Siva, Assistant Professor/Civil  
Mrs.M.Amala , Assistant Professor/Civil

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The event was conducted in offline mode at Little Flower Mat.Hr.Secondary School,Ashok Nagar,Chennai. The speaker, Department of Civil Engineering, Easwari Engineering College, Chennai started the session on 'positive thinking'. Positive thinking doesn't mean that you ignore life's less pleasant situations. Positive thinking just means that you approach unpleasantness in a more positive and productive way. You think the best is going to happen, not the worst. If the thoughts that run through your head are mostly negative, your outlook on life is more likely pessimistic.







# GUEST LECTURE ON IRRIGATION MANAGEMENT

**EASWARI ENGINEERING COLLEGE**  
AN AUTONOMOUS INSTITUTION  
APPROVED BY ANNA UNIVERSITY  
RAMAPURAM, CHENNAI

27 YEARS

DEPARTMENT OF CIVIL ENGINEERING

Organizes

**GUEST LECTURE ON IRRIGATION MANAGEMENT**

**Dr. Carolin Arul**  
Associate Professor, Centre for Water Resources,  
Anna University, Chennai

31-10-2023

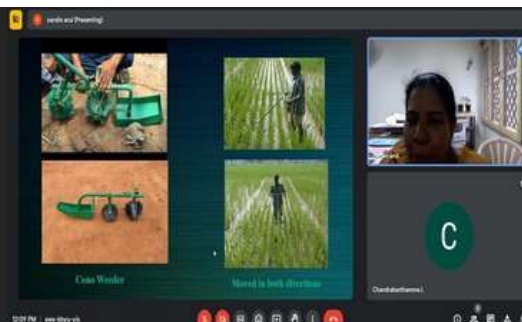
11:30 am to 12:30 pm

Convenor  
**Dr. S. Lavanya Prabha**  
Professor & Head - Civil

Co-Convenor  
**Mrs. L. Chandra Kanthamma**  
Assistant Professor - Civil

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Department of Civil Engineering has conducted guest lecture on “System of rice intensification and Precision Farming” by Dr. Carolin Arul, Associate professor, Centre for water resources, Anna University. The guest lecture helped us to know about System of rice intensification (SRI) which gave knowledge on how to use water effectively and to increase the crop yield of rice.





# CAREER GUIDANCE AND POSITIVE MINDSET

**EASWARI ENGINEERING COLLEGE**  
An Autonomous Institute  
Affiliated to ANNA UNIVERSITY  
RAMAPURAM CHENNAI

**DEPARTMENT OF CIVIL ENGINEERING**  
Organizes  
**Institute Social Responsibility (ISR) Program**  
On  
**CAREER GUIDANCE AND POSITIVE MINDSET**  
Government Hr. Sec School, Alapakkam  
01.11.2023 03.00 pm

**Dr.M.Siva**  
ASSISTANT PROFESSOR,  
DEPARTMENT OF CIVIL ENGINEERING  
EASWARI ENGINEERING COLLEGE

**Mr. Lenin Dhal**  
ASSISTANT PROFESSOR &  
MOTIVATIONAL SPEAKER  
DEPARTMENT OF CIVIL ENGINEERING  
EASWARI ENGINEERING COLLEGE

**CONVENOR:**  
Dr.S.Lavanya Prabha  
Professor and Head/ CIVIL

**COORDINATORS:**  
Mr. Lenin Dhal, Dhal, Assistant Professor /C  
Mr.Dr.M.Siva, Assistant Professor/Civil  
Mr.J.Ajith , Assistant Professor/Civil

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The event was conducted in offline mode at Government Higher Secondary School, Alapakkam, Chennai. The guest speakers of the event are Dr.M.Siva, Assistant Professor and Mr.Lenin Dhal , Assistant Professor, Department of Civil Engineering, Easwari Engineering College, Chennai. Mr. Lenin Dhal has started the session on 'positive mindset' and started the programme. Followed by Dr.M.Siva has given career guidance to the XII students of the school. Followed by the programme, the event was concluded with Vote of thanks by Lenin Dhal.





# “STANDARDS CLUB” QUIZ COMPETITION EVENT



**Standards club - Bureau of Indian Standards** is conduct the Quiz Competition on 23th November 2023 for UG Civil Engineering students in PG block 4th floor Gallery Hall at 3.00 Pm to 4.00 Pm. Around 23 students were participated in this quiz competition through physical mode. Dr. S. Lavanya Prabha, Head of the Department - Civil Engineering, welcome the students and brief about the standards and Quiz competition. After completion of the session, HOD/Civil and Dr. S. Virapan, Professor/Civil Engineering distributed the badges to the new members. Dr. S. Virapan, Professor/Civil Engineering announced the winner of the events.





# IN BLICK EDITORIAL TEAM



**Mr. Lenin dhal**  
Asst.prof./civil engg.



**Pooja T**  
2nd year /civil engg.



**Dhakshan NG**  
2nd year /civil engg.



**Gopika**  
2nd year /civil engg.



**Kailash**  
ME 2nd year /civil engg.