

# EGSPEC 2024-2025

JULY-DECEMBER VOL1 ISSUE11

DEPARTMENT OF CIVIL ENGINEERING



SRISTI 24-25

*Strive for perfection in everything you do. Take the best that exists and make it better. When it does not exist, design it.*

PEACE ASSOCIATION IN CIVIL ENGINEERING

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**Smt. S. Jothimani G.S. Pillay**

## **MESSAGE FROM CHAIRMAN'S DESK**

It gives me great pleasure to extend my warm greetings to everyone associated with this symposium and to those contributing to this magazine. Education is not merely about acquiring knowledge, but about inspiring innovation, creativity, and a spirit of lifelong learning. Events like this symposium provide a vibrant platform for students to showcase their talents, share ideas, and explore new dimensions in their respective fields.

I am proud to see the enthusiasm and dedication of our students and faculty members in organizing such meaningful academic activities. These efforts reflect our institution's commitment to fostering holistic growth – blending academic excellence with practical exposure and professional development.

My sincere appreciation goes to the organizing committee, faculty coordinators, and all participants for their hard work and contribution. I wish this event and the magazine grand success and hope it continues to inspire future generations of learners.



**SHRI S. Senthilkumar**  
**SECERATARY**

### **MESSAGE FROM SECRETARY'S DESK**

It gives me immense pleasure to extend my heartfelt greetings to everyone involved in organizing this symposium and bringing out this magazine. Such academic and technical events play a vital role in enhancing the learning experience of students by providing opportunities to exchange ideas, develop skills, and nurture innovation.

I am delighted to see our students and faculty members working together with great enthusiasm and dedication. Their teamwork, commitment, and creativity are truly commendable. Initiatives like this reflect the institution's mission to encourage holistic development and prepare students to face future challenges with confidence and competence.

I congratulate the organizing team, contributors, and participants for their sincere efforts in making this event a success. I wish the symposium and the publication all success and hope it continues to inspire academic excellence in the years to come.



**SHRI G. SHANKAR GANESH**  
**JOINT SECERATARY**

### **MESSAGE FROM JOINT SECRETARY'S DESK**

I am delighted and proud to note that our Civil Engineering Department is actively organizing a wide range of technical events such as symposiums, workshops, seminars, webinars, innovative project exhibitions, and technical competitions, along with celebrating faculty and student achievements. On the occasion of this event, the department is also bringing out a magazine that serves as a platform to showcase the creative ideas, technical insights, and accomplishments of our academic community.

Such initiatives not only provide budding engineers with an excellent opportunity to explore their technical skills, creativity, and leadership qualities, but also nurture teamwork, innovation, and professional development. These events serve as a bridge between classroom learning and real-world applications, enabling students to interact with experts, gain new perspectives, and stay updated with the latest advancements in the field of Civil Engineering.

I sincerely appreciate the dedicated efforts of the faculty members and the enthusiastic participation of the students in making these events possible. I extend my best wishes for the successful conduct of the technical programs and hope that they bring a memorable and enriching learning experience to all. May this initiative inspire many more achievements and milestones in the future.



**Dr. S. Ramabalan, M.E., PhD**  
**PRINCIPAL**

### **MESSAGE FROM PRINCIPAL**

It gives me immense pleasure to convey my appreciation as the **Department of Civil Engineering** organizes a wide spectrum of technical events aimed at enriching the knowledge and skills of our students.

Under the able leadership and visionary guidance of our respected **Secretary, Shri. S. Senthilkumar**, and **Joint Secretary, Shri. S. Sankar Ganesh**, our institution continues to move forward with confidence, determination, and a clear vision for excellence. Their insightful decisions and unwavering commitment have enabled our college to stay competitive, progressive, and impactful in the field of higher education.

These technical events are significant milestones in the journey of our department. They not only provide students with exposure to the **latest developments and innovations in the Civil Engineering field**, but also offer them a **valuable platform to showcase their creativity, inherent talents, technical abilities, and leadership qualities**. Such initiatives bridge the gap between classroom learning and practical applications, helping our budding engineers to develop confidence, teamwork, and problem-solving skills essential for their professional careers.

I sincerely acknowledge and appreciate the **dedicated efforts, hard work, and enthusiasm** of the faculty team and students who have contributed tirelessly to the successful organization of these events. Their involvement truly reflects the spirit of collaboration and academic excellence that our institution stands for.

I wholeheartedly **congratulate everyone associated with this initiative** and extend my best wishes for the fruitful conduct of the programs.



**Dr.R. Sivakumar., M.E., PhD.,  
HOD**

### MESSAGE FROM HOD

I am truly delighted that our **Department of Civil Engineering** has taken the initiative to organize such a remarkable level of technical events. It is indeed heartening to witness a great number of **young budding technocrats from various parts of the world** come together under one umbrella, engaging in discussions, deliberations, and knowledge exchange on diverse top-notch concepts that focus on **humanizing technology for the betterment of society**.

In today's era, science and technology are **advancing at an exponential pace**, bringing about profound transformations in every field. To keep pace with this dynamic growth, it is essential for students and professionals alike to remain abreast of **emerging technologies** and embrace an **interdisciplinary approach** to problem-solving. The world today demands not only specialists but also multi-skilled individuals capable of integrating knowledge across disciplines.

Students, therefore, must pursue **interdisciplinary, multi-dimensional, and application-oriented education** after graduation. This not only enhances their **employability prospects** but also empowers them to contribute significantly towards the progress and prosperity of their personal careers, as well as the growth of society and the nation at large. The ability to **think beyond conventional boundaries**—thinking out of the box is the foundation of all innovations and inventions.

I wholeheartedly congratulate the **students, faculty members, and organizers of the Civil Engineering Department** for their dedication, enthusiasm, and hard work in making this event a reality. Their combined efforts have created a vibrant platform for innovation and learning. May this initiative inspire every participant to move forward with confidence, knowledge, and the vision to shape a better future.



## CHIEF EDITORIAL BOARD

Dr. ASHWINI.B

Associate Professor,  
Department of Civil Engineering,  
EGSPEC



It gives us immense pleasure to present this edition of the Civil Engineering Department Magazine, a platform that celebrates innovation, technical excellence, and the spirit of engineering that drives our community forward. Civil Engineering, often described as the backbone of modern civilization, continues to evolve rapidly with advancements in sustainable materials, smart infrastructure, digital technologies, and resilient design philosophies. This magazine reflects these transitions by showcasing the creativity, dedication, and academic rigor of our students and faculty.

This edition brings together a rich blend of technical articles, research highlights, case studies, laboratory innovations, student achievements, project showcases, industrial training experiences, and departmental activities. Each contribution embodies the essence of civil engineering—precision, creativity, and responsibility toward society and the environment.

As educators and learners, we stand at a pivotal moment when the world is witnessing rapid urbanization, climate challenges, and the need for sustainable infrastructure. Our department continually strives to prepare students to meet these challenges through quality education, hands-on training, and interdisciplinary research. The magazine is a reflection of this mission, encouraging students to think beyond textbooks and engage with real-world engineering problems.

We extend our heartfelt appreciation to all the contributors, faculty advisors, editorial board members, and student coordinators whose efforts have shaped this publication. Their commitment and enthusiasm have ensured that this magazine not only informs and educates but also inspires.

We hope that this issue ignites curiosity, stimulates new ideas, and fosters a deeper appreciation of the civil engineering profession. Let this magazine be a testament to our collective journey toward building stronger, smarter, and more sustainable communities.

**Happy Reading!**



## VISION & MISSION OF THE INSTITUTE

### **Vision of the Institute**

Envisioned to transform our institution into a "Global Centre of Academic Excellence"

### **Mission of the Institute**

- To provide world class education to the students and to bring out their inherent talents
- To establish state-of-the-art facilities and resources required to achieve excellence in teaching-learning, and supplementary processes
- To recruit competent faculty and staff and to provide opportunity to upgrade their knowledge and skills
- To have regular interaction with the industries in the area of R&D, and offer consultancy, training and testing services
- To establish centers of excellence in the emerging areas of research
- To offer continuing education, and non-formal vocational education
- Programmes that are beneficial to the society

## VISION OF THE DEPARTMENT

To evolve as a Centre of excellence by imparting quality technical education and promote research to meet the emerging challenges in the field of Civil Engineering.

## MISSION OF THE DEPARTMENT

**M1:** Provide quality education through innovative teaching and learning practices

**M2:** Encourage faculty and students to pursue higher education and carry out socially relevant innovative research thereby establishing centers of excellence in emerging areas of research

**M3:** Offer consultancy services using state of the art facilities fulfilling the needs of the industry and society.

**M4:** Enable our students and faculty to play leadership roles in a sustainable manner by adopting professional ethics, entrepreneurship activities, interpersonal skills and lifelong learning attitude.

### *Program Outcomes*

<b>PO1</b>	Application knowledge of mathematics, science, engineering fundamentals
<b>PO2</b>	Problem Analysis.
<b>PO3</b>	Design and Development of Solutions
<b>PO4</b>	Conduct investigations by designing experiments, analysis and interpretation of data and synthesis of information to provide valid conclusions
<b>PO5</b>	Modern Tool Usage
<b>PO6</b>	Assessing societal, health, safety, legal and cultural issues
<b>PO7</b>	Commitment to professional ethics.
<b>PO8</b>	Function effectively as an individual, and as a member or leader in diverse teams and in multi-disciplinary settings
<b>PO9</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
<b>PO10</b>	Examine Project Management and Financial aspects
<b>PO11</b>	Instil Life-long Learning

### **Program Specific Outcomes (PSOs)**

Graduates will able to

1. Analyze the effects of natural calamities like Tsunami, storms, earthquakes, landslides etc. in design of stable structures.
2. Use co-friendly materials and mechanism for sustainable and life-line infrastructures

## FACULTY CORNER

The **Faculty Corner** proudly highlights the remarkable contributions, academic achievements, and professional growth of our esteemed Civil Engineering faculty members. As pillars of the department, our faculty continue to inspire students through their commitment to excellence in teaching, research, consultancy, and community engagement.

This year has been especially productive, marked by innovative research initiatives, participation in national and international conferences, publications in reputed journals, and active involvement in professional bodies. Our faculty have played a vital role in enhancing the learning experience by integrating modern pedagogical approaches, digital tools, advanced laboratory practices, and industry-oriented curriculum enhancements.

Their contributions not only strengthen the department's academic profile but also provide students with exciting opportunities to engage in cutting-edge research. Workshops, guest lectures, industrial visits, and hands-on training

programs organized by the department were strongly supported by faculty expertise, ensuring students receive holistic exposure beyond the classroom. Moreover, faculty involvement in consultancy projects have bridged the gap between academics and industry, offering valuable real-world insights. We celebrate the dedication, continuous learning spirit, and professional achievements of our faculty members, whose efforts continue to shape the next generation of civil engineers. Their passion for teaching, mentoring, and innovation remains the driving force behind our department's progress.

### Faculty Corner

S. No	Name	Designation
1.	Dr.R.Sivakumar	Professor & Head
2.	Dr.N.H.Agilandeswari	Assistant Professor
3	Dr.B.Ashwini	Associate Professor
4	Mr.V.Balasubramani	Assistant Professor
5	Ms.N.Karthika	Assistant Professor
6	Mrs.K.Kamalarani	Assistant Professor
7	Mr.S.Shyam Sundar	Assistant Professor
8	Mr.E. Venkatesan	Assistant Professor
9	Mr.A.Pirakasam	Assistant Professor
10	Mr.R. Rajmohan	Assistant Professor
11	Mr.P.S.Sreethalababu	Assistant Professor
12	Ms.S.Aarthika	Assistant Professor

## FACULTY ACHIEVEMENTS

S. No	Faculty Details	Program
1.	Dr. Ashwini.B	FDP
2.	Dr.N.H. Agilandeshwari	FDP
3.	Mr.R. Rajmohan	FDP
4	Mr.S. Shyam Sundar	FDP
5	Mr. Venkatesan	FDP
6	Dr. Ashwini.B	FDP
7	Mr.P.S. Sreethalababu	FDP



## FACULTY ACHIEVEMENTS

The Civil Engineering Department takes pride in the continuous professional development of its faculty members. To stay updated with the latest advancements in engineering education, research methodologies, and industry-oriented practices, several faculty members actively participated in

**Faculty Development Programs (FDPs)** during the academic year.

These programs play a crucial role in enhancing subject expertise, improving teaching-learning strategies, and strengthening research capabilities. The participation of our faculty reflects their commitment to academic excellence and lifelong learning.

The following faculty members successfully attended FDPs organized by reputed universities, technical institutions, and professional bodies:

Their active involvement in these programs has significantly contributed to the department's efforts to strengthen academic quality, adopt innovative teaching methods, and introduce emerging trends in civil engineering into the curriculum.

The department congratulates all faculty members for their dedication and encourages continuous participation in such capacity-building initiatives.

## Books Chapter

### FACULTY BOOK CHAPTER

S. No	Faculty Details	Book Title
1.	Dr. Ashwini.B, Associate Professor	Construction Site Management
2.	Ms.N. Karthika, Assistant Professor	



The Civil Engineering Department is delighted to highlight the scholarly achievements of its faculty members who continue to contribute to academic literature and knowledge creation. Publishing book chapters is an important indicator of research involvement, subject expertise, and the dissemination of innovative ideas to the wider academic community.

This year, our faculty have made notable contributions through authored book chapters in recognized publications, showcasing their proficiency in construction management and related disciplines. Such contributions enhance the department's academic visibility and serve as valuable references for students, researchers, and industry professionals.

The following faculty members have contributed a book chapter titled "Construction Site Management", demonstrating their commitment to advancing knowledge in the field:

**Dr. Ashwini B, Associate Professor**

**Ms. N. Karthika, Assistant Professor**

Their work provides practical insights and essential guidelines on efficient site operations, safety measures, resource allocation, project coordination, and modern management practices. The department proudly congratulates the authors for their intellectual contribution and encourages continued engagement in academic writing and publication.





## STUDENTS ACHIEVEMENTS

### INTERNSHIP DETAILS

S.NO	STUDENT NAME	COMPANY NAME
1.	ADHIYAN H S	VISHVADIKKA CONSTRUCTION
2	SRINIVASAN V	MODERN CONSTRUCTION
3	VIMAL K	MODERN CONSTRUCTION
4	SANTHOSH D	S SUMATHI ENGINEERING CONTRACTOR
5	MATHESH R	HIGHRISE DEVELOPERS & INFRASTRUCTURES.
6	MARUNTHEES WARAN R	HIGHRISE DEVELOPERS & INFRASTRUCTURES.
7	NIROSHAN S	HIGHRISE DEVELOPERS & INFRASTRUCTURES.
8	HARI SRINIVASAN V	HIGHRISE DEVELOPERS & INFRASTRUCTURES.
9	ASWIN RAJA S	KAYATHRI CONSULTANTS PVT. LTD.,
10	LOGESWARAN S	KAYATHRI CONSULTANTS PVT. LTD.,





**MR. MOHAMED SHARAFATH ALI, B.TECH.,**  
**HIGHRISE DEVELOPERS & NFRASTRICITRES**  
**81, CHURCH ST, KARAIKAL, PUDUCHERRY 609602**



**ONGC CAUVERY ASSET OFFICE**  
**NERAVY 1ST MAIN RD, NEAR ONGC SCHOOL, NERAVY, PUDUCHERRY 609604**

Mr. Mohamed Sharafath Ali, B.Tech., D.C.E.,  
ENGINEER



9/1 - Allikulam street  
Karaikal - 609602  
+91 9789544064

## HIGHRISE DEVELOPERS & INFRASTRUCTURES

Engineering Your Dream with Us

### TO WHOM IT MAY CONCERN

This is to certify that **Mr. MARUNTHEESWARAN R (8208E21CEL314)**, a Student of 4th year, **B.E (Civil Engineering)**, **E.G.S PILLAY ENGINEERING COLLEGE**, Thethu, Nagapattinam has successfully completed Internship Programme from 20<sup>th</sup> August, 2024 to 20<sup>th</sup> September, 2024 (4 Weeks) at this **HIGHRISE DEVELOPERS & INFRASTRUCTURES**, Karaikal. During the Period of his internship programme with us he was found punctual, hardworking and inquisitive.

We wish him every success in life.

By HIGHRISE DEVELOPERS & INFRASTRUCTURES

  
Proprietor  
Signature of Authorized Officer

Mr. Mohamed Sharafath Ali, B.Tech., D.C.E.,  
ENGINEER



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Karaikal - 609602  
+91 9789544064

## HIGHRISE DEVELOPERS & INFRASTRUCTURES

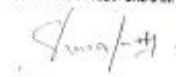
Engineering Your Dream with Us

### TO WHOM IT MAY CONCERN

This is to certify that **Mr. NIROSHAN S (8208E21CEL320)**, a Student of 4th year, **B.E (Civil Engineering)**, **E.G.S PILLAY ENGINEERING COLLEGE**, Thethu, Nagapattinam has successfully completed Internship Programme from 20<sup>th</sup> August, 2024 to 20<sup>th</sup> September, 2024 (4 Weeks) at this **HIGHRISE DEVELOPERS & INFRASTRUCTURES**, Karaikal. During the Period of his internship programme with us he was found punctual, hardworking and inquisitive.

We wish him every success in life.

By HIGHRISE DEVELOPERS & INFRASTRUCTURES

  
Proprietor  
Signature of Authorized Officer

**KAYATHRI CONSULTANTS PVT. LTD.**  
Engineers, Pre-Engineering Fabricators & Consultants  
Manufacturer of PEB Products  
Engineering Contractors



06<sup>th</sup> November 2024

### CERTIFICATE OF INTERNSHIP

This is to certify that **Mr. Aswin Raja S B.E.(Civil Engg.)** Student of **E.G.S.Pillay Engineering College**, Nagapattinam has successfully completed his internship at **Kayathri Consultants Pvt. Ltd.** project site at **IRM Energy Limited's DODO CNG Station** at **Namakkal, Tamilnadu** from 24<sup>th</sup> June 2024 to 22<sup>nd</sup> July 2024.

During this period his service were found to be satisfactory in carrying out his duties and delivering his responsibilities.

Kayathri Consultants Pvt. Ltd. wishes **Mr. Aswin Raja S** a successful carrier in his professional Pursuit.

For Kayathri Consultants Pvt. Ltd.,



**K.Sivakumar, M.E., M.I.E**  
Managing Director





To enhance practical learning and industry exposure, our final-year Civil Engineering students successfully completed internships at various reputed construction and infrastructure companies. Students gained hands-on experience in site supervision, material management, project planning, structural works, and real-time execution practices. Notable organizations such as **Vishvadikka Construction, Modern Construction, S Sumathi Engineering Contractor, Highrise Developers & Infrastructures**, and **Kayathri Consultants Pvt. Ltd.** provided valuable training platforms. This industry engagement has significantly strengthened students' technical competencies, problem-solving abilities, and readiness for professional roles in the construction sector.

## PROGRAMME EVENTS

### NATIONAL AND INTERNATIONAL

S.No.	Organizing details	Resource Person	Title & organized by	Venue & Date
1.	Indian Concrete Institute (ICI)& HUBCIVILAX	Mr.Justin Dinale-Dinale Systems, Austraila&Mr. Michael Seah, SW Metal Construction Pte Ltd, Singapore.	International Webinar on Precast Construction	20/09/21
2.	HUB CIVILAX	Dr. Santhosh Kumar, project Engineer, DMT consulting Pvt.ltd.Africa	International webinar on PEB Vs Concrete structures	29.09.2024
3	HUB CIVILAX	Er.Udhayashankar,M.E(Structural) Construction related MD, BTR Construction, Erode	National one day workshop on Innovative Design for structures using BIM	07.10.2024
4	HUB CIVILAX	Mr.Lakshmi Narayanan, DGM & Head-Robotics (B&FIC)	3D Printing in Construction Industry	14.10.2024
5	HUB CIVILAX	Er. Neru Prasad V.K,GIS Analyst,Trimble,chennai	National webinar on Role of GIS and Practical Applications in Transportation Industries,	21.10.2021
6	HUB CIVILAX	Er. Aimen Nabeel, M.E, Quantity Surveyor, Gulf Precast Concrete Company LLC, UAE.	International Webinar on "Roles &Responsibilities of Quantity Surveyor in Precast Industry,	02.11.2024

## Department Activities & Expert Engagements (2024–2025)

The Civil Engineering Department continues its tradition of fostering academic excellence by organizing a rich lineup of webinars, guest lectures, and workshops through the HUB CIVILAX platform. These initiatives were specifically curated to enhance students' understanding of modern construction technologies, digital engineering tools, and global industry practices. The series featured distinguished experts from India and abroad, offering students a rare opportunity to interact with professionals who are shaping the future of global infrastructure development.

The academic year commenced with an **International Webinar on Precast Construction** conducted in collaboration with the Indian Concrete Institute (ICI). Esteemed speakers from Australia and Singapore shared their expertise on advanced precast systems, emphasizing faster construction, improved quality control, and sustainability in the built environment. The session broadened students' exposure to international standards and real-world practices in precast technology.

To strengthen conceptual clarity in structural engineering, an **International Webinar on PEB vs Concrete Structures** was organized. Dr. Santhosh Kumar from Africa provided a detailed comparison between pre-engineered buildings and conventional concrete structures. With practical examples and cost-performance analysis, the webinar helped students understand the design rationale behind choosing appropriate structural systems for various applications.

One of the highlights of the series was the **National One-Day Workshop on Innovative Design for Structures using BIM**, led by Er. Udhayashankar. This hands-on workshop introduced students to Building Information Modelling (BIM), a transformative technology in the construction industry. Participants learned how BIM facilitates integrated project delivery, 3D visualization, clash detection, and collaborative design, equipping them with vital digital skills that are increasingly demanded by the industry.

Keeping pace with global advancements in automation, the department hosted a session on **3D Printing in the Construction Industry**. Delivered by Mr. Lakshmi Narayanan, the talk showcased cutting-edge developments in robotic construction and large-scale 3D printing. Students gained insights into how additive manufacturing is revolutionizing construction by reducing waste, enhancing customization, and expediting project timelines.

Further, a **National Webinar on the Role of GIS in Transportation Engineering**, conducted by Er. Neru Prasad from Trimble, Chennai, emphasized the significance of geospatial technology in modern infrastructure planning. Real-time navigation systems, route optimization, traffic analysis, and asset management were among the key topics covered, highlighting the essential role of GIS in efficient transportation systems.

The knowledge series concluded with an **International Webinar on the Roles and Responsibilities of Quantity Surveyors in the Precast Industry**, conducted by Er. Aimen Nabeel from the UAE. The session provided a complete overview of estimation practices, tendering procedures, budgeting, and project documentation, offering valuable career guidance to aspiring quantity surveyors.

Overall, the events organized through HUB CIVILAX significantly enriched the technical and professional competencies of civil engineering students. By bridging classroom learning with industry expertise, these sessions ensure that students are well-prepared to meet the challenges of the evolving construction landscape. The department remains committed to delivering a holistic learning experience that blends innovation, technology, and hands-on exposure to emerging global trends.

## **INTERNATIONAL SYMPOSIUM**

**Held on: 05 October 2024**

The Civil Engineering Department proudly hosted **INNOVIKAS 2024**, an international symposium designed to promote innovation, global knowledge sharing, and interdisciplinary collaboration. INNOVIKAS serves as a vibrant platform that brings together researchers, academicians, industry leaders, and students to explore emerging technologies and forward-thinking solutions that are shaping the future of sustainable societies.

The symposium centered around the theme:

*“Integrating Innovation and Knowledge Advancement for Sustainable Societies.”*

The event featured presentations, technical sessions, and interactive discussions led by experts from diverse domains. Participants showcased innovative projects, exchanged research ideas, and explored cutting-edge technological advancements in engineering and allied fields.

The symposium also offered students a valuable opportunity to gain exposure to international perspectives and develop their research potential.

A highlight of **INNOVIKAS 2024** was the active participation of students across various institutions, who displayed tremendous enthusiasm in presenting their ideas, models, and technical innovations. The event encouraged creative thinking, problem-solving, and teamwork—core skills essential for the next generation of engineers and innovators.

Overall, the symposium strengthened academic-industry collaboration and reaffirmed the department's commitment to nurturing a research-driven, innovation-oriented learning environment. INNOVIKAS 2024 successfully inspired young minds to contribute towards building smarter, greener, and more sustainable societies.

**International Symposium:  
INNOVIKAS on 5.10.2024**

**International Symposium:  
INNOVIKAS on 5.10.2024**

INNOVIKAS is an international platform dedicated to fostering innovation, knowledge exchange, and interdisciplinary collaboration. The symposium brings together global experts, researchers, academicians, and industry leaders to share pioneering ideas and technologies that are shaping the future.

*"Integrating Innovation and Knowledge Advancement  
for Sustainable Societies"*





## Spotlight: INNOVIKAS 2024 – Powering Ideas, Inspiring Innovation



INNOVIKAS 2024 emerged as a remarkable platform that celebrated creativity, research excellence, and interdisciplinary collaboration. The symposium brought together students, academicians, and industry professionals to share innovative ideas and transformative technologies aimed at building sustainable societies. With active participation, engaging technical sessions, and impactful presentations, the event showcased the talent, energy,

and forward-thinking mindset of the next generation of engineers. INNOVIKAS 2024 truly reflected the department's commitment to fostering innovation-driven learning and nurturing future-ready professionals.

The Civil Engineering Department continues to shine as a centre of academic strength, technical innovation, and experiential learning. This year, the department achieved remarkable milestones through its dynamic blend of classroom learning, hands-on training, industry collaboration, and student-driven initiatives. With a strong focus on emerging technologies, sustainability, and practical exposure, the department consistently nurtures young engineers to become future-ready professionals.

Faculty members contributed significantly through research publications, technical consultancy, and participation in national and international forums. Their commitment to advancing knowledge and mentoring students remains a major pillar of the department's success. The department also strengthened its industry linkages through expert talks, workshops, and internships that help students understand real-world engineering challenges.

Students of the department actively participated in technical competitions, paper presentations, community outreach programs, and skill enhancement courses. Their enthusiasm and innovative thinking brought laurels and recognition, further elevating the department's reputation. The activity clubs and technical forums, especially HUB CIVILAX, played a vital role in providing platforms for learning beyond the curriculum.

State-of-the-art laboratories, upgraded facilities, and a focus on digital tools such as BIM, GIS, and simulation technologies continue to enrich the learning environment. The department remains committed to fostering a culture of excellence, encouraging research-oriented learning, and preparing students to contribute to sustainable infrastructure development.

With continued dedication, innovation, and teamwork, the Civil Engineering Department stands proud, inspiring students to achieve new heights and shape the future of the construction industry.



*"Engineers like to solve problems, If there are  
no problems handily available, they will create  
their own problems,"*

*– Scott Adams*