

## DEPARTMENT OF CIVIL ENGINEERING

### NEWSLETTER

# *INGENIUM 2025*

**Newsletter**  
**July-Dec 2025**  
**Volume-I Issue-II**



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# ABOUT THE DEPARTMENT

## CIVIL ENGINEERING

The Department of Civil Engineering was started with a sanctioned intake of 60 in the year 2013. The department aims to enrich the knowledge of students in both theory and practice with a team of highly qualified faculty with rich experience in the diversified streams of Civil Engineering. The department of Civil Engineering is equipped with state-of-the-art laboratory facilities having advanced equipment's and machineries operated by experienced technicians.

The department plays a vital role in training the students through in-plant training and industrial visits to tackle the field associated problems arising in the industry.

The department is keen in inviting industry experts from reputed organizations to disseminate their knowledge and expertise among the Civil Engineering aspirants. Students are encouraged to actively participate in co-curricular and extra-curricular activities in reputed institutions. The students will not just learn but also practice and simulate real life situations that will make learning more meaningful and reinforced.

Civil engineering is a broad field of engineering that deals with the planning, construction, and maintenance of fixed structures, or public works, as they are related to earth, water, or civilization and their processes. Most civil engineering today deals with power plants, bridges, roads, railways, structures, water supply, irrigation, the natural environment, sewer, flood control, transportation and traffic. In essence, civil engineering may be regarded as the profession that makes the world a more agreeable place in which to live.

The department has created a student association called "NIRMAN", under the aegis of which the students have successfully conducted the events like technical quizzes, mini project exhibition, guest lectures, tech fest, celebrated engineer's day etc.

# Department Vision and Mission

## VISION AND MISSION

### VISION

To produce skilled civil engineers who drive innovation and develop sustainable Infrastructure for societal growth, with a commitment to environmental care and ethical values.

### MISSION

- To provide quality education through modern learning resources and experiential pedagogy for producing skilled and competent civil engineers.
- To promote research, innovation, leadership, and industry collaboration for addressing real-world engineering challenges and promoting entrepreneurship.
- To prepare professionals with ethical values and expertise to develop sustainable infrastructure and contribute to societal and national development.

# MESSAGES

EDITOR IN CHIEF



**Dr. R.LOKANADHAM**  
**PRINCIPAL**

Dear all ,  
Greeting's from Narsimha Reddy Engineering College (NRCM).

I am delighted to be the Editor-in-chief for “STHAPATHYA-2024” Newsletter of Department of Civil Engineering and desire that the newsletter will unfold all domains of the year long events and research activities the department is engaged in. And the newsletter will boost the enthusiasm of the students and faculty to reveal to the world plethora of developments in field of civil engineering contributed by them. The newsletter aims to bring different ideologies under one roof and provide opportunities to showcase the achievements and establish an impactful insights. It has stood out in creating an impeccable impression by including multiple endeavour's like faculty and student involvement in government consultancy works, research publications, participation in competitions & I congratulate for conducting Guest lectures, Seminar, Workshop, Industrial visit, Patents, Research Publications.

I appreciate the faculties, coordinators students and Department Head of Civil Engineering for their continuous untiring contribution in making the newsletter a reality.

# MESSAGES

HEAD OF DEPARTMENT



**Dr. P. NIMITHA**  
**HOD CIVIL ENGINEERING**

Warm Greetings!

The Story of progress of civilizations is entwined with the story of Civil Engineering. It is important to remember that our engineers have always been involved in the process of building the world with innovative materials and complex shapes to withstand the forces of nature beyond their control.

STHAPATHYA exhibits opportunities department has availed to network, collaborate and flesh out research projects endorsing problem statements from utilizing market waste to generate electricity to latest construction material that help built sustainable environment. I am glad to express efforts of faculty and students are fructified.

Sthapathya enfolds technical events of department that have witnessed experts from industry address our students and hands-on experiences of students at industrial visits and ideas and guidance of faculty members offered to students that have helped them win accolades.

I congratulate the editorial team and hope that the readers will enjoy the insight into the world of Civil Engineering and encourage us in building an egalitarian society.



# MESSAGES

## FACULTY



"Construct a enriched being to society for our better future"

It has been a wonderful year where as per research we have come up by working with unique materials like translucent concrete, plastic road, plastic tiles and developing 3D concrete printer along with students.

– **Dr. Veeraswamy, Asso. Prof.**

"We shape our buildings there after they shape us"

With great pleasure and honour, this newsletter has lot to look forward for more research projects. Looking forward to develop innovative and beneficial products for the society.

– **Dr. Syed Anisuddin, Prof.**



"Scientists investigate that which already is; Engineers create that which has never been."

Go for civil engineering, because civil engineering is the branch of engineering which teaches you the most about managing people. Managing people is a skill which is very, very useful and applies almost regardless of what you do.

- **M. Venkateswari, Asst. Prof.**

I am very proud to say that the department for such an initiative to provide a platform for communicating the innovative ideas of the students and faculty members. They can also write about the improvements, required in the curriculum and syllabus of the course and subjects the study. This will add value and interest for the readers of the newsletter. I congratulate the Department and the concerned staff members and students for the efforts taken by them to bring out this newsletter.

- **S. Baliram, Asst. Prof.**



# MESSAGES

ALUMNI

My College days are unforgettable and in fact those days are the most happiest & fruitful days in my life. I proudly feel that I cherished every moment of my college. Being a student makes me feel proud. My experience at NRCM was magnanimous.

**D. Sai Kumar**  
(NRCM: 2022-2025)



My graduation at NRCM was quite enlightening and path breaking. Choosing NRCM was one of the best decisions I have ever made. At this College I gained friendship and experiences which added a different perspective to my life.. It feels great to be taught by amazing professors who are the best. They always motivated and encouraged me to face the risk and learn new things. I am and will always be thankful to NRCM for making me a person I am today.

**M. Manohar**  
(NRCM: 2022-2025)



**M. Rakesh**  
(NRCM: 2022-2025)

Attending College for the first time has been a great experience for me. I couldn't have accomplished my success without going to NRCM. Currently, the learning's from NRCM have fetched me to gain good position at my company.



# STUDENT ACHIEVEMENTS

## ACADEMIC TOPPERS



**T. Pravalika**

**(22X05A0123)**

**IV<sup>th</sup> Year First Rank Holder**

**Mothukuri Rishitha**

**(22X05A0112)**

**IV<sup>th</sup> Year Second Rank Holder**

**J. Geethika**

**(23X05A0123)**

**III<sup>rd</sup> Year First Rank Holder**

**B. Bhargav**

**(23X05A0107)**

**III<sup>rd</sup> Year Second Rank Holder**

**E. Ashritha**

**(24X05A0105)**

**II<sup>nd</sup> Year First Rank Holder**

**K Satwika**

**(24X05A0108)**

**II<sup>nd</sup> Year Second Rank Holder**



**RANK HOLDERS**



# PLACEMENTS

## SUCCESSFULLY PLACED



Narsimha Reddy Engineering College has given me a very good opportunity in proving my technical skills to the IT industry although I am from a non- technical background department. This college has acted as a great platform to every student for achieving their goals. I am very much delighted to be part of this college.

**B. Daniel Raj**  
**23X5A0111**  
**(ASBL – 3 LPA)**



**J. Ganesh**  
**23X5A0121**  
**(ASBL – 3LPA)**



**K. Jagadeesh**  
**23X05A0125**  
**(ASBL – 3LPA)**



**B. Bhargav**  
**23X05A0107**  
**(ASBL – 3LPA)**

# FACULTY PUBLICATIONS

## PATENT AND JOURNALS

### PATENTS:

Strength of Materials

D. Venkartesh, Dr. B. Ramesh, Dr. R. Lokanandham

Application No. 9788197780479

### JOURNALS:

Transforming Trash to Strength: Plastic waste in fine aggregate replacement.

D Venkatesh

JCAA Journal

Glasscrete: Enhancing strength and durability with alkali resistant glass fibre

P. Nimitha

IJISAE Journal

Resilient high rises: Seismic performance study of G+15 building using Staad. Pro.

Dr. Syed Anisuddin

Social Science Journal

Recent Foraminifera from the Mahanadi River Estuary, East Coast of India

Dr. G. Veeraswamy

International Journal of Membrane Science and Technology



# TECHNICAL EVENTS

## WORKSHOPS AND INDUSTRIAL VISITS

### “National Academy of Construction”

**NARSIMHA REDDY ENGINEERING COLLEGE**  
(UGC AUTONOMOUS)  
Maisammaguda (V), Kompally – 500100, Secunderabad, Telangana State, India

Department of Civil Engineering  
Organizes  
Industrial Visit to

**National Academy of Construction**  
Date: 27-08-2024



### “Intellectual property Rights (IPR) and IP Management for Start Up”

**NARASIMHA REDDY ENGINEERING COLLEGE**  
UGC AUTONOMOUS INSTITUTION  
ACCREDITED BY NBA & NAAC WITH A-GRADE

Workshop on “Intellectual Property Rights (IPRs) and IP management for start up”

Resource person  
  
Dr. Rumi Borah

Organized by  
Department of Civil Engineering in  
Association with Institution's Innovation  
Council 6.0

09:00 AM to 04:00 PM  
24-04-2024, Wednesday  
Venue: M.T Block Seminar Hall

Convenor : Dr. T.L.Ramadasu

99516 88777, 90009 95454  
www.nrcmec.org





# TECHNICAL EVENTS

## WORKSHOPS AND INDUSTRIAL VISITS

### “Telangana State Engineering Research Laboratories”



**Department of Civil Engineering  
Organizes  
Industrial Visit**




**Telangana State Engineering Research Laboratories**  
**II & III B.Tech Civil Engineering Students**  
**4, 5 November, 2024**

**NARSIMHA REDDY  
ENGINEERING COLLEGE**  
(AUTONOMOUS INSTITUTION-UGC, GOVT. OF INDIA)  
Affiliated to JNTUH, Approved by AICTE, NBA & NAAC with A-Grade  
Maisammaguda (V), Kompally - 500100, Secunderabad, Telangana State, India





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COUNSELING CODE  
**NRCM**



### “Intellectual Property Rights (IPRs) and IP management for start-up”



**NARASIMHA REDDY  
ENGINEERING COLLEGE**  
UGC AUTONOMOUS INSTITUTION  
Permanently Affiliated to JNTUH - Approved by AICTE, New Delhi - An ISO 9001:2015 Certified Institute  
ACCREDITED BY NBA & NAAC WITH A-GRADE





**Innovation & Design Thinking**

**Resource person**



**Dr. B. SUNITHA,**  
Assistant Professor,  
Civil Engineering,  
Assistant Director of  
Academic Audit Cell- JNTUH.

**Organized by**  
Department of Civil Engineering in  
Association with Institution's  
Innovation Council 6.0

**10:00 AM to 04:00 PM**  
06-10-2023, Friday

**Venue: M.T  
Block Seminar  
Hall**

**CONVENOR : Dr. T. L. RAMADASU**  
**Coordinator : G.SNEHA**

☎ 99516 88777, 90009 95454      🌐 www.nrcmec.org



# STUDENTS CORNER

## ART GALLERY

K. Vani  
24X05A0110 (CIVIL 3A)



J. Geethika  
23X05A0123(CIVIL 4A)



D. Harini  
25X05A0101(CIVIL 2A)



R. Yugala  
24X010127(CIVIL 2A)



# STUDENT CORNER

## CELEBRATIONS



## ADVISORY BOARD MEMBERS



**Mr. D. Venkatesh**  
Assistant Professor



**Prof. Ch. Srilakshmi**  
Dean-Academics



**Mr. D. Srinivas**  
Dean-ICT



**Dr. P. Dileep Reddy**  
Dean-R&D

## EDITORIAL BOARD MEMBERS



**Dr. Syed Anisuddin**  
Assistant Professor



**Dr. G. Veeraswamy**  
Associate Professor



**S. Baliram**  
Associate Professor



**M. Venkateswari**  
Assistant Professor



**M. Sravanthi**  
Assistant Professor



**M. Vishali** Assistant Professor