



NARSIMHA REDDY ENGINEERING COLLEGE

(UGC - AUTONOMOUS)

Approved by AICTE | Accredited by NBA & NAAC with 'A' Grade
Maisammaguda (V), Kompally - 500100, Secunderabad, Telangana State, India

DEPARTMENT OF CIVIL ENGINEERING



NEWSLETTER



STHAPATHYA



Newsletter
Jan-June 2024
Volume-I Issue-I



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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 impart knowledge and excellence in Civil Engineering and technology with global perspectives to our students and to make them ethically strong engineers to build our nation.

MISSION

- To make the department a center of excellence in the field of civil engineering and allied research.
- To provide knowledge base and consultancy services to the society in all areas of civil engineering.
- To promote innovative and original thinking in the budding engineers to face the challenges of the future.

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 THE DEPARTMENT



PROF. D.VENKATESH 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.

– **J.Arun Kumar, Asst. 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.Venkatesh Reddy, 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.

- **Rumpa Sutradhar, Asst. Prof.**



MESSAGES

ALUMNI

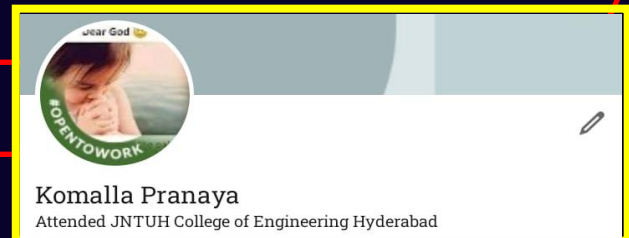
My College days are unforgettable and in fact those days are the most happiest & fruitful days in my life. I proudly feel that I cherished every moment of my college. Being a student makes me feel proud. My experience at NRCM was magnanimous.

Elagandula Akash
(NRCM: 2019-2023)



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.

Enaganti Sai Kalyan
(NRCM: 2019-2023)



Komalla Pranaya
(NRCM: 2019-2023)

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



A Shashidhar Reddy
(21X05A0102)

IVth Year First Rank Holder

T Saiveda
(21X05A0148)

IVth Year Second Rank Holder

M Rishitha
(22X05A0112)

IIIrd Year First Rank Holder

M Ganesh
(22X05A0113)

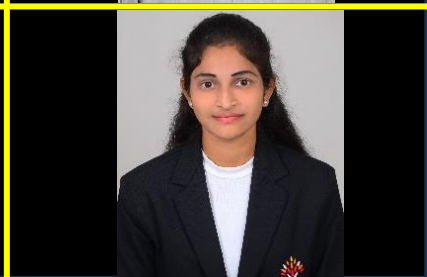
IIIrd Year Second Rank Holder

M. Mithun
(23X05A0136)

IInd Year First Rank Holder

J Geethika
(23X05A0123)

IInd 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.

Telukuntla Saiveda
21X05A0148
(Sumadhura Group - 4.5LPA)



R Arun Teja
21X05A0145
(High Rise RMX – 3LPA)



M Kiran Kumar
21X05A0137
(Ankura Homes – 3LPA)



S Suresh
21X05A0147
(High Rise RMX – 3LPA)

FACULTY PUBLICATIONS

PATENT AND JOURNALS

PATENTS:

Low Cost Cooling System for small residential units in Remote Location,

Dr. J.Rex, Mr. A Naga Saibaba, Ms. Gande Sneha, M.Venkatesh Reddy
Application No. 202441046341

JOURNALS:

Study on strength properties of concrete by partial replacement of cement by municipal solid waste

Prof D Venkatesh
IIIE Journal

An Experimental effect of Bacillus Concrete Subtilis on conventional concrete

Gande Sneha
TuijinJishu / Journal of Propulsion Technology

Improvement of strength characteristics of expansive soils using Terrasil, Fly ash and cement by forming Zyco Bond

M.Venkatesh Reddy
TuijinJishu / Journal of Propulsion Technology

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

Dr. G. Veeraswamy
International Journal of Membrane Science and Technology

TECHNICAL EVENTS

WORKSHOP

“Session on Opportunities for Students and Faculties – Early-Stage Entrepreneurs”

NARASIMHA REDDY ENGINEERING COLLEGE
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Session on Accelerators / Incubation – Opportunities for Students & Faculties – Early-Stage Entrepreneurs.

Resource person: Prof. Jaladi Ravi
Organized by: Department of Civil Engineering in Association with Institution's Innovation Council 6.0

09:00 AM to 04.00 PM
13-06-2024, Thursday
Venue: M.T Block Seminar Hall

Convenor : Prof. D. Venkatesh

99516 88777, 90009 95454 | www.nrcmec.org



“Session on Validation Converting Innovation into a Start-up or Session on Achieving “Value Proposition Fit” & “Business Fit”

NARASIMHA REDDY ENGINEERING COLLEGE
UGC AUTONOMOUS INSTITUTION
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Session on Innovation / Prototype Validation—Converting Innovation into a Start-up or Session on Achieving “Value Proposition Fit” & “Business Fit”

Resource person: Dr. M. Veerapathran
Organized by: Department of Civil Engineering in Association with Institution's Innovation Council 6.0

09:00 AM to 04.00 PM
03-06-2024, Monday
Venue: M.T Block Seminar Hall

Convenor : Prof.D.Venkatesh

99516 88777, 90009 95454 | www.nrcmec.org



TECHNICAL EVENTS

WORKSHOPS

“Session on Property Development Business Plan”



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Workshop on Property Development Business

Resource person

Dr.K SURESH
HOD- Civil
NMREC
HYDERABAD

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

09:00 AM to 04.00 PM
06-05-2024, Monday

Venue: M.T Block Seminar Hall

CONVENOR : Prof.D.Venkatesh




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



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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

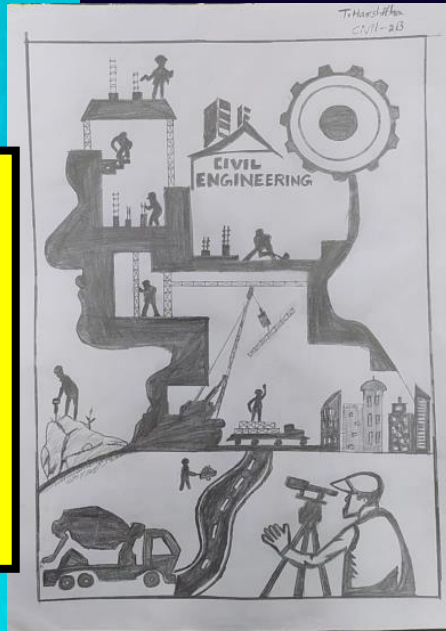
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STUDENTS CORNER

ART GALLERY

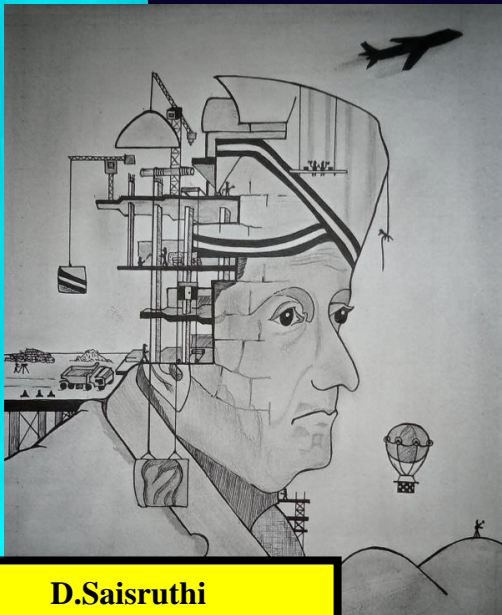
E.Anand
24X05A0104 (CIVIL 2A)



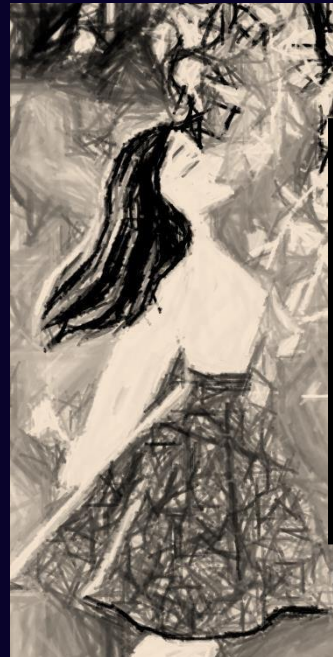
B.Bhargav
23X05A0107(CIVIL 3A)



D.Saisruthi
24X05A0103(CIVIL 2A)



E.Pranith
23X05A0117(CIVIL 3A)



STUDENT CORNER

CELEBRATIONS



ADVISORY BOARD MEMBERS



**Prof. D.Venkatesh
HoD-CE**



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



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



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

EDITORIAL BOARD MEMBERS



**Rumpa Sutradhar
Assistant Professor**



**Dr.G.Veerawamy
Associate Professor**



**J.Arun Kumar
Assistant Professor**



**M.Venkatesh Reddy
Assistant Professor**



**S.Baliram
Assistant Professor**



**M.Susmitha
Assistant Professor**



**P.Sai Sravani
Assistant Professor**