



Civil
Engineering

Magazine

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Tech and Trendz

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DEPARTMENTAL EVENTS



Internal Quality Assurance Cell (IQAC), Departments of Mechanical Engineering (ME), Civil Engineering (CE), and Aerospace Engineering (ASE), jointly organized a Programme “Implementation of National Education Policy (NEP) 2020 – Challenges” on 30-09-2023.





NUMBER OF FACULTY PARTICIPATED: 230

STRUCTURAL DESIGN AND ANALYSIS USING ETABS



Event Type	A Five days workshop on “Structural Design and Analysis using ETABS”
Date / Duration	12.12.2023 – 16.12.2023
Resource persons	Mr. S. Prasanna Kumar, M.D - Engineering CAD Training Center, Vijayawada Ms. B. Triveni, Trainer - Engineering CAD Training Center, Vijayawada
Name of the Coordinator	Sri K. Harish Kumar, Sr. Assistant Professor Sri B. Rama Krishna, Sr. Assistant Professor
Target Audience	B Tech III year students
Total no of Participants	III Years - 65
Objective of the event	Prepares the student to create a model, analyze & design any type of structure using ETABS software
Outcome of event	<ul style="list-style-type: none">• Understanding of the fundamental concepts and principles of ETABS software• Ability to create and analyze structural models using ETABS• Familiarity with the various tools and features of ETABS, including load combinations, load cases, and load patterns.
Feedback / Suggestions	Received positive feedback from participants regarding events conducted and about organizing the event.



DR. J. VENKATESWARA RAO, PROFESSOR &
HOD,
CIVIL-LBRCE ADDRESSING THE GATHERING



DR. V. RAMAKRISHNA, PROFESSOR,
CIVIL-LBRCE
ADDRESSING THE GATHERING





STUDENTS PARTICIPATION CERTIFICATION
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A GROUP PHOTO WITH ORGANISERS



ACHIVEMENTS



UNIVERSITY GAMES

S.No	Name of the Students	Reg No	Name Of The Sports	Venue	Secured Position
1.	S. Hanuma Naik	22761A0133	Kho-kho	Narsaraopeta Engineering College	3rd
2.	R. Raju	20761A0157	Kho-kho	Narsaraopeta Engineering College	3rd
3.	R. Yeonesh	23761A0128	Kho-kho	Narsaraopeta Engineering College	3rd

S.No	Name Of The Students	Reg No	Name Of The Sports	Venue	Secured Position
1.	K. Karthikeya	21761A0121	Shot Put	LBRCE	1 st
2.	K. Karthikeya	21761A0121	Discuss Throw	LBRCE	2nd



BRANCH GAMES

S.No	Name Of The Students	Reg No	Name Of The Sports	Venue	Secured Position
1.	S. Hanuma Naik	22761A0133	100 Meters	LBRCE	3 rd
2.	S. Hanuma Naik	22761A0133	200 meters	LBRCE	3 rd
3.	S. Hanuma Naik	22761A0133	1500 meters	LBRCE	1 St

PUBLICATIONS



List of International Journals Published By Faculty A.Y: (2023-24)

1. Venkateswara Rao J., Ramana K. V. and Narasimha Rao B., “Analysis and design of preengineered industrial warehouse using IS: 800 and AISC”, ARPN Journal of Engineering and Applied Sciences, ISSN 1819-6608, Vol-19, Issue-3, Feb 2024, pp 154-159. Published in Scopus Index Journal
2. L. Ramaprasad Reddy, B. Kesava Rao, R. Chandramohan, G. Sanijya, B. Narasimharao, A. Mohan, “Computational Analysis of Predicting Stress Intensity Factor Using HDMR Technique”, Journal of Electrical Systems, ISSN 1112-5209, Vol 20, Issue 6s, April 2024, pp 1271-1280. Published in Scopus Index Journal
3. Sri Pratap K, Santosh K. Patil, J. Anitha, Anjana Kumar Dutta, Swapnil Balakrishna Gorade, Eeshwar Ram Jujjavarapu, “Experimental Investigation on Bacterial Concrete with Pseudomonous Bacteria for Sustainable Constructions”, Material Science and Technology, ISSN: 1005-0299, Vol 22, Issue 10, Oct 2023, pp 189-198. Published in Open Access Journal



4. Ramakrishna V, Ch. V. N. Sai Surya Teja, B. Gayathri, K. Jyothirmai, Sk. Asif, “A Comparative Study Of Air Quality Indices At A Rural Town In Andhra Pradesh”, Strad Research, ISSN 0039-2049, Vol 11, Issue 5, May 2024, pp 429-434. Published in Open Access Journal
5. Ramakrishna V., G.L.Anuhya, R. Satyanarayana Reddy, D. Chandu, D.L. Hemanth, “A Study on Assessment of Ambient and Traffic Noise Levels and Sound Level Reduction”, IOSR-JEN, ISSN 2250-3271, Vol 14, Issue 5, May 2024, pp 20-26. Published in Open Access Journal
6. P. Mohanagaraju, P. Vinod, M.Ch.N.V. S.D. Rahul Krishna, Ch. Balakrishna, N. Ravi, “Reducing Plastic waste as partial replacement of fine aggregate in Cement bricks”, Journal of Ceramics and Concrete Sciences, MAT Journals, eISSN: 2582-1938, Vol 9, Issue 1, April 2024, pp 30-35. Published in Open Access Journal

FAMOUS ENGINEER



Munirathna Anandakrishnan was born on 12 July 1928 in the south Indian state of [Tamil Nadu](#). After graduating in civil engineering (BE) from the [College of Engineering, Guindy, Madras University](#) in 1952, he pursued his studies at the [University of Minnesota](#) from where he secured a master's degree (MS) in 1957 and a PhD in civil engineering in 1960. During his doctoral studies, he was a teaching assistant at the university and was the president of the *Indian Students Association* and *Foreign Students Council* at the university. He also worked part-time at Twin City Testing and Engineering Laboratories, a private firm, as a materials engineer





Anandakrishnan returned to India in 1962 and started his Indian career as a Grade I Senior Scientific Officer at the [Central Road Research Institute](#), Delhi and worked there for a year.^{[1][2]} His next posting was as a member of the faculty of civil engineering at the [Indian Institute of Technology, Kanpur](#) (IIT Kanpur) where he worked till 1974, holding various positions such as assistant professor, professor, senior Professor, chairman of civil engineering department, dean and acting director.^[2] He also served IIT Kanpur as the chairman of the central staff recruiting committee and as the advisor on campus development.^[1]



In 1974, Anandakrishnan moved to the US, on deputation from the [Department of Science and Technology](#) to work as the science counsellor at the Indian embassy in Washington D.C.^{[1][2]} In 1978, he joined the United Nations [Commission on Science and Technology for Development](#) (CSTD) as the chief of new technologies at the Office of Science and Technology (OST), where he worked till his retirement from [UN](#) service in 1989.^{[1][8]} At the United Nations, he also held the posts of the deputy director at the [Commission on Science and Technology for Development](#) (CSTD) and the secretary of the UN Advisory Committee on Science and Technology for Development (UNACAST).^[2]

FAMOUS CONSTRUCTION

Sydney Metro



The **Sydney Metro** is an [automated rapid transit](#) system in [Sydney](#), New South Wales, Australia. It currently consists of one route, the [Metro North West & Bankstown Line](#), running between [Tallawong](#) and [Sydenham](#) and consisting of 21 stations on 52 km (32 mi) of twin tracks, mostly underground. The first stage of the line (between [Tallawong](#) and [Chatswood](#)) opened on 26 May 2019, becoming the first underground railway in [Oceania](#). This line was extended from Chatswood to [Sydenham](#) on 19 August 2024 as part of the first stage of the [City & Southwest](#) project.

The second stage of the project will then further extend this line to Bankstown as part of a partial conversion of the existing [Bankstown railway line](#) with a scheduled completion in 2026.



Two additional lines are also under construction, as part of the [Sydney Metro West](#) and [Western Sydney Airport](#) projects. The Western Sydney Airport project will construct a line approximately 23 km (14 mi) from [St Marys](#) to the new [Bradfield Station](#) in [Badgerys Creek](#). It will comprise six stations and service the [Western Sydney International \(Nancy-Bird Walton\) Airport](#), which is also currently under construction, upon its opening in 2026.



ARTS



ART BY
N.NELIMA ,21761A0126