



Guest Lecture Report

Guest Lecture on the Occasion of Engineers' Day

Connecting structural engineering practice with the next generation of engineers

Resource Person	Er. S. Soma Sekhar Naidu — Founder & Managing Director, D2D Engineers
Date	15th August 2024
Venue	Seminar Hall, NSR Institute of Technology (NSRIT), Sontyam, Pendurthi, Visakhapatnam
Occasion	Engineers' Day
Format	Guest Lecture + Interactive Session
Participants	Civil Engineering students & faculty

About the Resource Person

Er. S. Soma Sekhar Naidu, M.E., AMIE, AIV (Chartered Engineer), is the Founder & Managing Director of Desire 2 Design (D2D) Engineers — a structural consultancy and turnkey construction firm offering services spanning structural design, NDT & soil testing, DGPS survey, seismic retrofitting and plan approvals. He was invited as Guest Speaker to NSR Institute of Technology, Sontyam, Pendurthi, to mark Engineers' Day with students of the Department of Civil Engineering, sharing a site-tested perspective on structural design and construction practice.

9 Branches	50+ Professionals	1000+ Projects Completed
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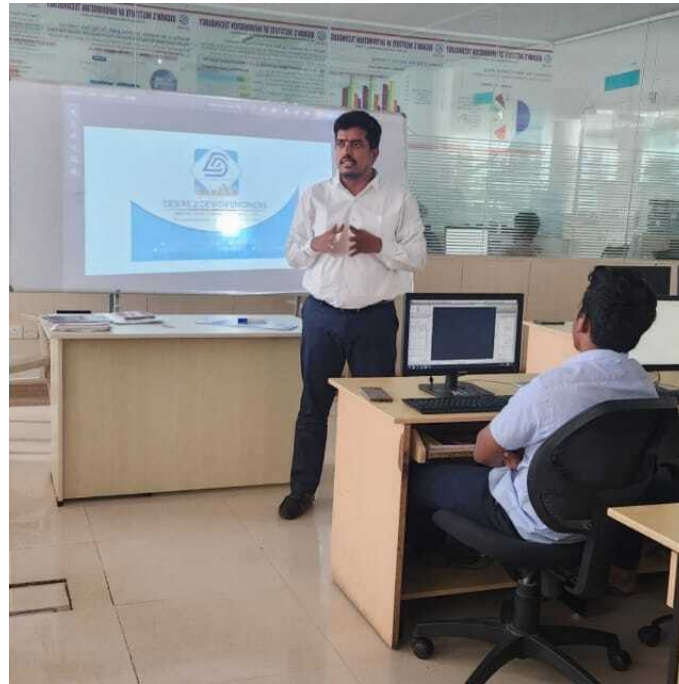
Objectives of the Session

- Mark National Engineers' Day by connecting students with a practising structural consultant.
- Share real-world perspective on how structural design and site execution come together in practice.
- Offer practical career guidance to students preparing to enter the construction industry.
- Encourage students to engage directly with an industry expert through open Q&A.



Topics Covered

- **Structural Design Fundamentals in Practice** — how design decisions translate from drawing to a live site.
- **From Classroom to Construction Site** — bridging Structural Analysis and Design of Structures with real project experience.
- **Career Pathways in Civil Engineering** — design, site execution, testing and entrepreneurship.
- **Open Q&A with an Industry Expert** — students questioned Er. Naidu directly on real project experience.



Er. Naidu addressing students in the computer lab, NSRIT

Interactive Learning & Demonstration

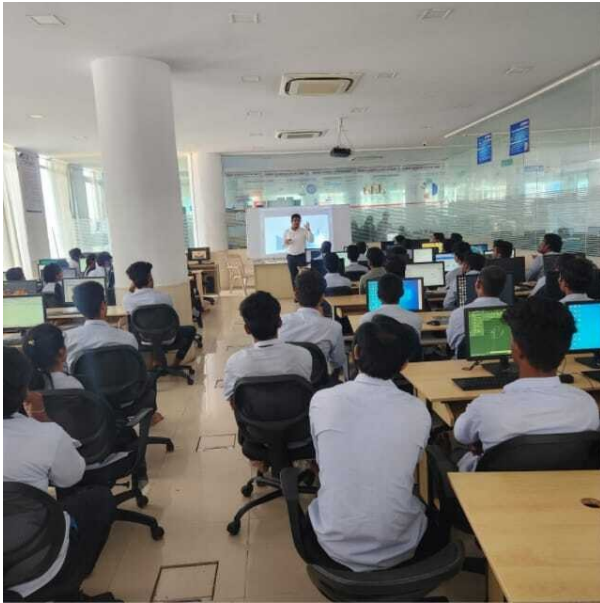
Er. Naidu engaged students in the computer lab, walking them through structural design concepts on screen and encouraging questions drawn from real project experience. Moving beyond a one-way lecture, he connected classroom fundamentals of Strength of Materials and Structural Analysis to the judgement required in live consulting work, and students engaged actively with questions on how a structural design office actually operates.

Career Guidance for Future Engineers

- **Start on Site** — a graduate trainee role builds the practical discipline no classroom can teach.
- **Teach to Sharpen Skill** — explaining concepts to others deepens your own understanding.
- **Seek Large Exposure** — work on big, complex projects early to build real judgement.
- **Build Technical Credibility** — deep expertise earns trust and opens new opportunities.
- **Keep Learning Widely** — structural, soil, NDT and PMC skills together make you versatile.
- **Take the Entrepreneurial Leap** — when ready, starting your own practice is a natural next step.



Glimpses of the Event



Students following the session



Full house at the NSRIT computer lab



Er. Naidu engaging with students during the session

Outcome & Conclusion

The Engineers' Day session gave NSRIT students a valuable industry perspective, connecting classroom learning with the practical realities of structural consulting and construction. Er. Naidu's direct,



question-driven style encouraged students to engage actively, marking the occasion with a meaningful exchange between academia and practice.

Felicitation

Er. S. Soma Sekhar Naidu was felicitated as Guest Speaker by the faculty of NSR Institute of Technology in celebration of Engineers' Day.



Felicitation to Er. S. Soma Sekhar Naidu, Guest Speaker, NSRIT — Engineers' Day

“Great engineers are not only those who design structures, but those who understand how structures behave throughout their service life.”

— Er. S. Soma Sekhar Naidu, Founder & Managing Director, D2D Engineers