

National Education Society ®



**JAWAHARLAL NEHRU NEW COLLEGE
OF ENGINEERING, SHIVAMOGGA – 577 204**



(Approved by AICTE, New Delhi, Affiliated to VTU, Belagavi)



JNNCE 2024-25

DEPARTMENT OF CIVIL ENGINEERING

—
WITH THE BLESSINGS OF
—



LATE SRI S. R. NAGAPPA SHETTY
06-03-1913 TO 23-07-1991

FROM THE DESK OF PRINCIPAL



Dr . Y. Vijaya Kumar, B.Tech., M.Tech., Ph.D
Principal

It is with great pride and pleasure that I present this edition of “CONSTRO 2K25”, the annual newsletter of the Civil Engineering Department. This publication stands as a testament to the vibrant academic spirit, innovation, and commitment demonstrated by both students and faculty throughout the year. The Civil Engineering Department Association continues to play a pivotal role in enriching the learning environment by offering students a dynamic platform for experiential learning, technical excellence, and community engagement. Through its various initiatives including hands on projects, industry interactions, workshops, and social outreach it empowers students to evolve into well-rounded professionals. I extend my sincere congratulations to all student members and faculty mentors who have contributed to this year’s achievements. Your active participation and enthusiasm reflect a strong sense of purpose and passion for the field of civil engineering.

As we move forward, let us continue to embrace challenges, foster innovation, and uphold the values of integrity and service. Together, we are shaping the future of infrastructure, sustainability, and engineering leadership.

FROM THE DESK OF HOD



Dr. Karthika B S, B.E, M Tech, Ph.D
Professor & HoD

It gives me immense pleasure to present this edition of our department newsletter, "CONSTRO 2K25", curated by the Department of Civil Engineering. This publication is a reflection of our continuous efforts to promote knowledge sharing, creativity, and professional development within our academic community. The Civil Engineering Department Association plays a vital role in nurturing talent, fostering collaboration, and bridging the gap between theoretical knowledge and practical application. Through a range of enriching activities such as technical workshops, expert lectures, industrial site visits, seminars, and student-led competitions our association creates valuable opportunities for holistic learning. I extend my heartfelt congratulations to all the students for their enthusiastic participation and commitment. Your active engagement not only drives the success of our initiatives but also lays a strong foundation for your future as responsible and innovative civil engineers.

Let us continue to build, innovate, and grow together.

FROM COORDINATOR'S



Mr. Dattatreya S B, B.E. M.Tech.
Assistant Professor



Mr. Sabareshwaran S, B.E, M Tech, (Ph.D)
Assistant Professor

We are thrilled to present the latest edition of our newsletter, CONSTRO 2K25, proudly curated by the Department of Civil Engineering. This edition captures the vibrant spirit, creativity, and unwavering dedication of our students, faculty, and staff.

The Civil Engineering Department Association, a dynamic and student-driven body, has been instrumental in fostering a strong, collaborative community within our department. We extend our heartfelt congratulations to all students for their enthusiastic contributions—whether through leadership roles on the executive committee, volunteering at events, or participating in departmental initiatives. Your passion and commitment have truly elevated our collective journey.

We also take this opportunity to sincerely thank our teaching and non-teaching faculty for their steadfast support, guidance, and encouragement throughout the year. Your invaluable contributions have played a vital role in the success of CONSTRO 2K25 and in making this academic year truly remarkable.

TEACHING STAFF 2024-2025



Dr. Karthika B. S.
Prof & HOD



Dr. Raghuram K. C.
Associate Professor



Dr. Neeraj S. N.
Associate Professor



Shashikumar M. Hiremath
Assistant Professor



Dr. Umapathi
Assistant Professor



Rabinandan J
Transportation Chairman
& Assistant Professor



Sabareshwaran S.
Assistant Professor



Dattatreya S. Bhasari
Assistant Professor



Mohammed Ibrahim N
Chief Maintainance Engineer,
NES and Assistant Professor



Anand B
Assistant Professor



Bindiya K.
Assistant Professor



Akshatha M
Assistant Professor



Chaya D. Y.
Assistant Professor



Sreenivasa V.
Assistant Professor



Sagar H.
Assistant Professor



Dr. Arun V.
Assistant Professor



Anirudh N.
Assistant Professor



Ganesh Prasanna S.
Assistant Professor

NON-TEACHING STAFF 2024-2025



M.R. Venkatesh
Forman (Sl. Gr)



Avinash Jain M
Assistant Instructor



Raghavendra S.
Lab Assistant



Shilpa Rani P S
Asst Instructor



Sangeetha T S
Asst Instructor



Rashmi M S
Project Manager



Sunila G D
Mechanic



Kumar D. N.
Technical helper



Manjunath N.
Attender



Umesha M
Helper



Yogesha K
CMS Helper



Hanumanthappa S
CMS Helper

CLASS REPRESENTATIVES 2024-2025



SPARSHITH ACHARYA
8 A SEC



YASHASWINI
8 A SEC



YASHAS T A
8 B SEC



SAHANA H S
8 B SEC



VISHNU N S
6th SEM



ANKITHA T
6th SEM



SRUJAN MAHESHWAR SORATUR
4 B SEC



SANJANA SRUYAVAMSHI
4 B SEC



AMRUTHESH K S
4 A SEC



ASHWINI S
4 A SEC



PRATHAM
2ND SEM



NEHA D N
2ND SEM

Through the Rearview

A Glimpse at Our Year in Motion



CONSTRO 2K25 INAUGURATION ON 19-12-2024



Technical Visit to Major Power Project Varahi on 08/03/2025 for 6th sem Civil Engineering students



Industrial Visit to Ultra tech Ready Mix Concrete Plant on 25th April 2025 for 4th sem Civil



A Short-Term Training Programme (STTP) titled "Advanced Pavement Design & Pavement Material Characteristics & Design of Pavement" was conducted under the Continuing Education Programme (CEP) for Government Engineers from February 10, 2025, to February 14, 2025.



Field visit to agriculture college to provide students with comprehensive briefing on organic farming practices on 09/11/2024.



Partial course delivery by industry expert Mr. Adarsha S R for the course Quantity Surveying and Contract Management for final year students on 18/11/2024 to 04/12/2024.



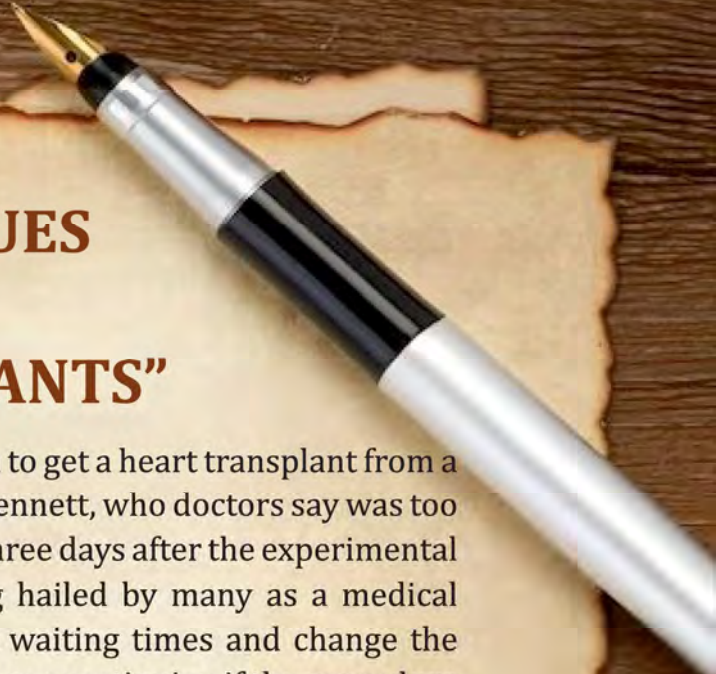
A Short-Term Training Programme (STTP) titled "Soil Mechanics and Testing for Roads, Buildings, Canal Embankments and Irrigation Structures" was conducted under the Continuing Education Programme (CEP) for Government Engineers from October 21, 2024, to October 25, 2024.



Three days Pre-Employment Training Program from 01/08/2024 to 03/08/2024 was conducted for final sem students: To learn the basics about different types of cement and concrete, Do's and Dont's in construction site.



Talk on "Importance of construction chemicals in the Construction industry and use of Virtual reality in building plans" on Aug 7, 2024 from Ultratech expert.



“THREE ETHICAL ISSUES AROUND PIG HEART TRANSPLANTS”

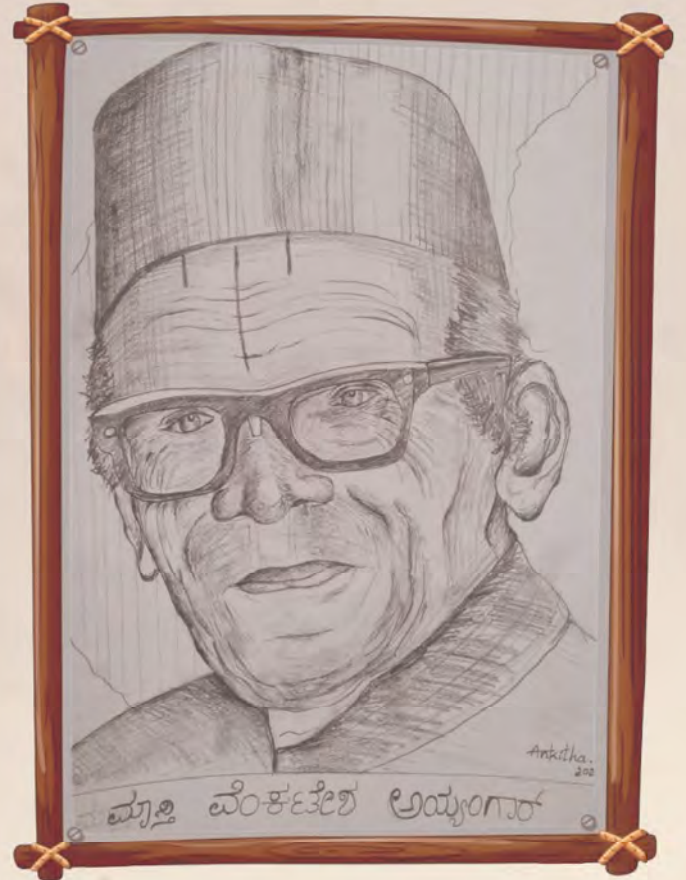
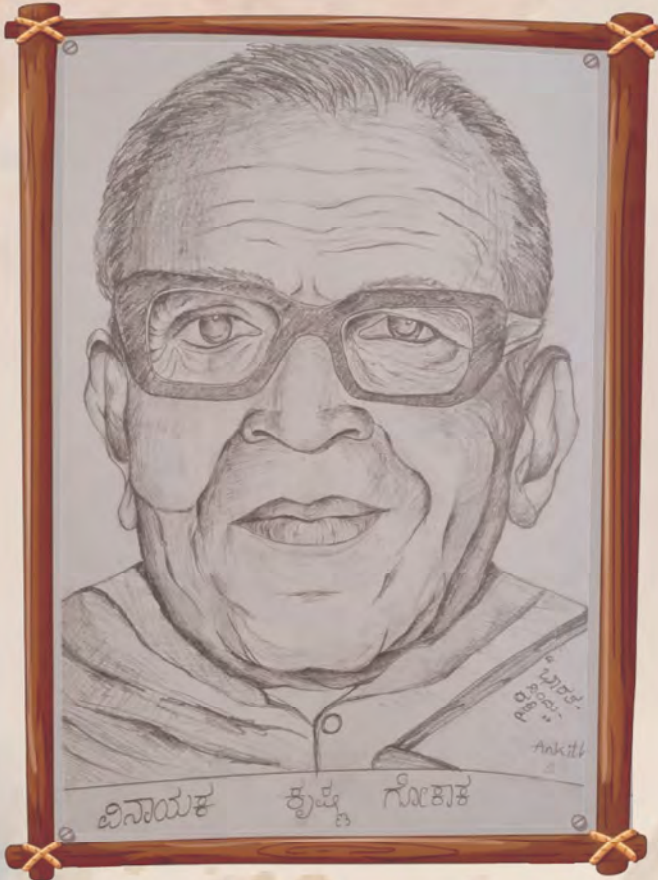
A US man has become the world's first person to get a heart transplant from a genetically modified pig. 57-year-old David Bennett, who doctors say was too ill to qualify for a human heart, is doing well three days after the experimental seven-hour treatment. The surgery is being hailed by many as a medical breakthrough that could shorten transplant waiting times and change the lives of patients around the world. But some are questioning if the procedure can be ethically justified. They have pointed to potential moral trouble spots over patient safety, animal rights and religious concerns.

Animal rights: Mr. Bennett's treatment has also re-sparked a debate over the use of pigs for human transplants, which many animal rights groups oppose. One of them, People for the Ethical Treatment of Animals (PETA) has condemned Mr Bennett's pig heart transplant as “unethical, dangerous, and a tremendous waste of resources”. “Animals have a right to live their lives, without being genetically manipulated with all the pain and trauma this entails, only to be killed and their organs harvested,”

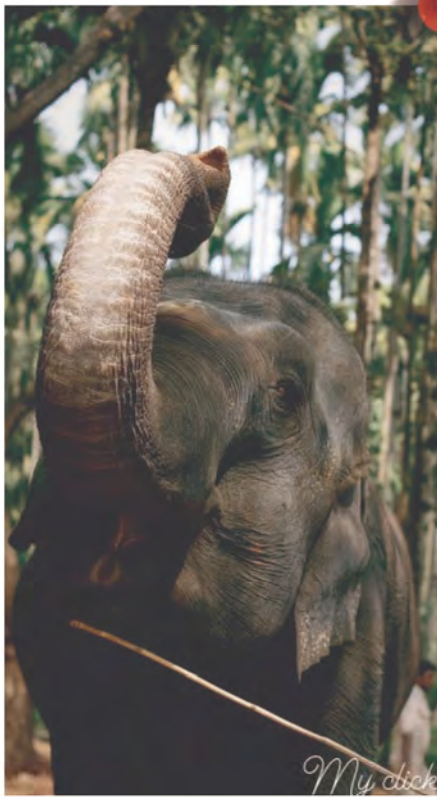
Religion: But how does this choice affect Jewish or Muslim patients, whose religions have strict rules on the animal? Although Jewish law forbids Jews from raising or eating pigs, receiving a pig heart is “not in any way a violation of the Jewish dietary laws”, says Dr Moshe Freedman, a senior London rabbi. For Islam, there's a similar bottom line that the use of animal material is permitted if it saves a person's life.

The Medical implications: This is an experimental surgery, and brings with it huge risks for the patient. Even well-matched human donor organs can be rejected after they are transplanted - and with animal organs the danger is likely to be higher. Doctors who worked on Mr. Bennett's case say the operation was justified because he had no other treatment options and would have died without it. Mr. Bennett's transplant was not performed as part of a clinical trial, as is usually required for experimental treatments.

-BHAVANA R
4JN22CV402



-ANKITHA G R
4JN21CV007



SPARSHITH ACHARYA
4JN22CV432

Student's achievements:



ASHWINI S - 4JN23CV006 – Secured 1st place Throw ball women in inter collegiate division level tournament held in SIT, Tumkur from 12/12/2024 to 13/12/2024.



SNEHA MANJUNATH N M - 4JN22CV026 – Secured 2nd in place Volley Ball women Inter Collegiate Division Level Tournament held at RIT, Hassan from 09/11/2024 to 10/11/2024



BHAVANA P (4JN21CV012) participated in VTU south division chess and selected for state level chess.



KARTHIK N
4JN22CV410

Best outgoing student
of NSS JNNCE



ANKITHA G R
4JN21CV007

Best outgoing student of
Dept of Civil Engineering

CONSTRO EVENTS 2K25



Table Tennis



Cricket



Shotput



Event : cooking without fire



NATIONAL EDUCATION SOCIETY®

JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING SHIVAMOGGA

APPROVED BY AICTE, AFFILIATED TO VTU BELAGAVI, CERTIFIED BY UGC 2(F) & 12(B),
ACCREDITED BY NBA AND NAAC- 'A' GRADE



DEPARTMENT OF CIVIL ENGINEERING

CET Code: E065

BATCH 2023-24

PLACEMENT (2024-25)

COMED K Code: E059



RAGHAVENDRA S. K



DARSHAN NAIK B. N



RAMESH G. S



BHAVANA. C



ANKITHA G. R



DRUVANI B. B



SAHANA G. S



Innovative. Professional. Reliable.



SAHANA H. S



INDIA'S NO.1 CEMENT



ROHAN V BHAT



ANKITHA G. R



AISHWARYA R. V



DEEKSHA S



SURVA C



KEERTHANA M. N



PRATHIKSHA S. C



BHAVANA P



TCS
CONSULTANCY
SERVICES



YASHAS A



SAMARTH B. R



BHAVANA R



DRUVANI B. B



SAHANA H. S



PRAKRUTHI B



KRISHNA M. S



MANJUNATH A



SANRIA



Congratulations

NES-JNNCE congratulates all the placed Students

Dr. Karthika B S Dr. Y. Vijaya Kumar Sri. S. N Nagaraja For Admission Contact:
HOD, Civil, JNNCE Principal, JNNCE Secretary, NES 9964446279/ 9448814249

EDITORIAL BOARD

Faculty :

Mr. Sabareshwaran S
Mr. Dattatreya S Bhasari
Mrs. Akshatha M

Non-Teaching faculty:

Mr. Avinash Jain

Students:

SAMARTH B R 4JN21CV054
SHREYA M 4JN22CV035
VISHNU N S 4JN22CV034
ABHISHEK R 4JN23CV400

ACKNOWLEDGEMENT

The editorial board gratefully acknowledge the management and the principal whose generous support makes the work of magazine possible . we are grateful the service offered by the HoD , teaching and non teaching staff of the department.

He cannot bury his mistakes in the grave like the doctors. He cannot argue them into thin air or blame the judge like the lawyers. He cannot, like the architects, cover his failures with trees and vines. He cannot, like the politicians, screen his shortcomings by blaming his opponents and hope that the people will forget. The engineer simply cannot deny that he did it. If his works do not work, he is damned

**America's 31st president,
Hoover Dam.**

VISION OF THE INSTITUTE

To be apace setting institute in technical & management education and research for producing highly competent engineers, managers & entrepreneurs to meet the needs of industry and society.

MISSION OF THE INSTITUTE

- M1 Impart quality education through flexible and innovative teaching learning process.
- M2 Enable and Ignite young minds to excel in their career and life with entrepreneurial spirit, professional ethics and human values.
- M3 Facilitate invention based research and collaborate with industries to address societal needs.

VISION OF THE DEPARTMENT

To become centre of academic excellence and place for learning professional skills to cater the technical challenges posed by the ever changing global environment and development.

MISSION OF THE DEPARTMENT

- M1 To impart quality education and advances in Civil Engineering to meet the changing global scenario.
- M2 To assimilate the spirit of creativity, management and entrepreneurship in Civil Engineering and interdisciplinary field with ethical values
- M3 To provide a healthy ambience for teaching, research, consultancy and industry interaction Activities to solve engineering problems

PROGRAM EDUCATIONAL OBJECTIVES (PEOs):

PEOS	STATEMENTS
1	Graduates will be able to pursue Civil Engineering profession as competent professionals Working in private and government sectors by providing technically, economically and socially acceptable solutions.
2	Graduates will be able to pursue life-long learning in their profession by developing technical Expertise in the use of modern tools and higher education leading to improved professional expertise and excel in teaching profession.
3	Graduates will be able to exhibit good communication skills while working as team members and team leaders and also possess team spirit and leadership qualities.
4	Graduates will be able to follow established professionalism, ethics, public policy, safety and sustainability as professional leaders and contributors to society when solving engineering problems and providing solutions.

PROGRAM SPECIFIC OUTCOMES (PSOS)

PSO1	Civil Engineering Graduates will be able to plan, analyse, design and execute cost effective Civil Engineering problems to meet the societal needs.
PSO2	Civil Engineering Graduates will be able to learn advance techniques in the state of the art Civil Engineering including interdisciplinary techniques and develop new solutions to critical problems Without compromising the standards.



JNNCE 2024-25