

CIVIL DEPARTMENT

NEWSLETTER

The best creator next to god are

.....Civil Engineers!

VISION

To be a human and technical resource centre to meet the needs of the construction industry.

MISSION

- ❖ Impart students the knowledge of principles and practices of civil engineering and shape them to meet the expectations of the industry.
- ❖ Encourage practical learning through collaboration with industry.
- ❖ Nurture social responsibility and leadership skills by inculcating ethical and moral values.



EVENTS

Inaugural of Civil
Engineering Associations
Guest Lectures
Value Added Courses
FDP
Workshops

DEPARTMENT PROFILE

The Department of Civil Engineering, started in the year 2009, offers BE (Civil Engineering), ME (Construction Engineering & Management) & ME (Structural Engineering). The department activities are planned with dual inputs from Industry and reputed academic bodies in the state. Also, the department strengthens its core activities periodically with inputs from industry, civil engineers and contractors, some of whom are trustees of the Institution. In addition to regular academic activities, the department strives to transform students into a pragmatic Civil Engineer by involving them in solving field problems with needed guidance from faculty members.



Dr. K. E. VISWANATHAN M.Tech., Ph.D.

Head & Associate professor

Dr. G. RAMASAMY M.Tech., Ph.D.

(Professor, IIT-Roorkee, Retd.)

Prof. G. SRINIVASAN M.E.

(IISC ~ Structural Engineering)

Dr. G. S. THIRUGNANAM M.E.

(Structural Engineering), Ph.D.

EDITORS IN CHIEF
Dr. K.E. Viswanathan

Head of the Department

Mr. P. Nallasamy

Assistant professor

STUDENT EDITORS
Ms. K. Kiruthika

IV Year

Mr. S. Akashpriyadharshan

III Year

Ms. R. Subashreenithi

II Year

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Builders Engineering College,
Nathakadaiyur, Kangeyam Tk., Tirupur Dt.,
Tamilnadu, India - 638 108.

- ÷ **About the Department**
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- ÷ **Faculty Publications**
- ÷ **Faculty Achievements**
- ÷ **Students Achievements**

DEPARTMENT PROGRAMME EDUCATIONAL OBJECTIVES

- Graduates will achieve recognition in Civil Engineering profession as practicing Engineers and consultants. Provide technical services to leading organizations in diverse areas promoting professional and moral ethics.
- Graduates recognized for their professional and technical competence to provide sustainable solutions to societal problems.
- Graduates are nurtured to engage in continued learning through professional development and cognizant of emerging issues.

ABOUT THE INSTITUTION

Builders Engineering College (Formerly known as Erode Builder Educational Trust's Group of Institutions) was established by Erode Builder Educational Trust (EBET) in the year 2009 as an integrated campus and presently functioning as a technical campus. It offers six UG Programmes (BE - Civil, CSE, ECE, EEE, Mechanical and B.Tech - AI&DS) with an intake of 330 students and four PG Programmes (ME - CEM, STR, CSE and MBA) with an intake of 114 students. Stepping into the fourteenth year of service, the Management, CEO, Principal and faculty members are committed to elevating the lives of budding rural aspirants through academics and research. The Chief Patrons are the pioneers in the field of infrastructure and construction all over India.

VISION

To be the most preferred knowledge provider.

MISSION

Builders Engineering College endeavors to prepare rural students for successful career through academic and applied research.

FROM HoD DESK

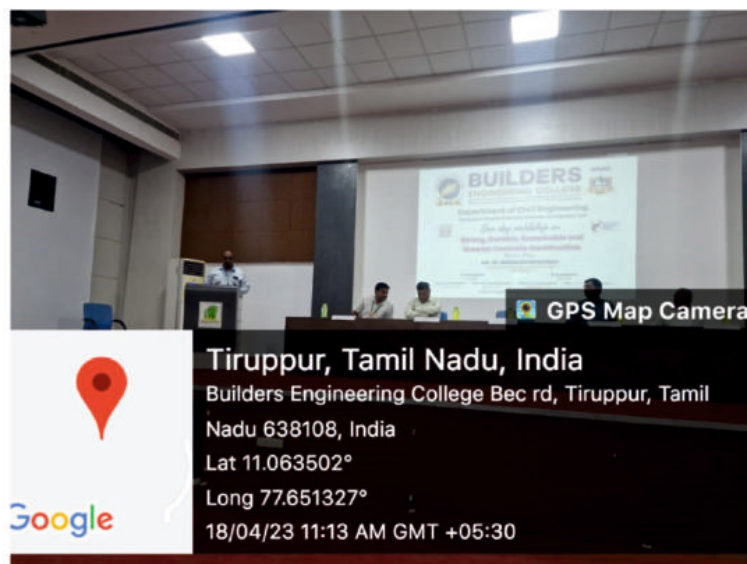


Civil Engineering is a versatile and evergreen branch of engineering. Civil Engineer can work in various fields like construction engineering, quality engineering, design engineering, maintenance engineering, power plant engineering, etc. and most importantly in software field also. Department has well qualified and dedicated faculty with well-developed laboratories. We impart quality engineering education through sound theoretical knowledge, hands on laboratory as well as computational skill and exposure to recent technologies by visiting industries & expert talk. We provide opportunities for students to participate in various technical and sports events and competitions. This newsletter is an attempt to highlight the achievements of the department, in spite of the space constrain we have showcased the best and look forward to have more in the future on a half early editions. I wish good luck to the entire team of editors and look forward for your kind patronage to our newsletter.

Dr. K.E. Viswanathan

Head of the Department

PROGRAMMES ORGANIZED



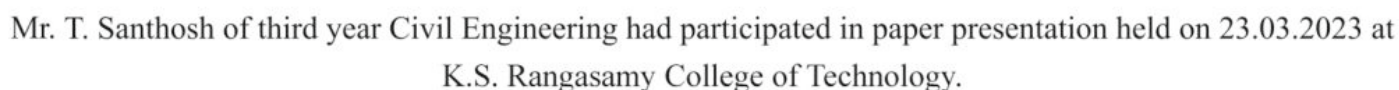
One Day Workshop on “Strong, Durable, Sustainable & Greener Concrete Construction”

Resource Person

Mr. M. Balasubramaniam

Asst. General Manager - Sales & Marketing, JSW Cement

The department of Civil Engineering, ICI Student chapter & Entrepreneurship Development Cell conducted One day workshop on “Strong, Durable, Sustainable and Greener Concrete Construction” on 18.04.2023. The main objective of the activity is to improvising the properties of concrete aiding modern construction. Also to acquire knowledge to perform mix design for sustainable concrete.



Date	Name of the Student	Name of the Event	Position	College Name
16.02.2023	J. Dhayalan	BIM Workshop	Participated	KPR Institute of Engineering & Technology
16.02.2023	M. Gnanasekaran	Brick Modelling	Participated	KPR Institute of Engineering & Technology
16.02.2023	Suboth Venkatesh Prasanna	Brick Modelling	Participated	KPR Institute of Engineering & Technology
16.02.2023	S.T. Meiyanbu	Brick Modelling	Participated	KPR Institute of Engineering & Technology
17.02.2023	J. Dhayalan	Survey hunt	Second	KPR Institute of Engineering & Technology
17.02.2023	M. Gnanasekaran	Survey hunt	Second	KPR Institute of Engineering & Technology
17.02.2023	B. Faizal	Technical Quiz	First	KPR Institute of Engineering & Technology
17.02.2023	S. Sureshkumar	Technical Quiz	First	KPR Institute of Engineering & Technology
17.02.2023	GTS. Gunavarshali	Technical Quiz	First	KPR Institute of Engineering & Technology
04.03.2023	M. Kalaiyarasi	Poster Presentation	First	Shree Venkateshwara Hi-Tech Engineering College
04.03.2023	M. Shivaniee	Poster Presentation	First	Shree Venkateshwara Hi-Tech Engineering College
04.03.2023	K. Azhagu Saravanan	Mind Blogger	First	Shree Venkateshwara Hi-Tech Engineering College

Date	Name of the Student	Name of the Event	Position	College Name
16.03.2023	S.M. Nithyashree	Essay Writing	First	St. Joseph's College for Women
20.03.2023	GTS Gunavarshali	Technical Quiz	First	PSG Institute of Technology
20.03.2023	R. Aanandh Prakash	Technical Quiz	First	PSG Institute of Technology
20.03.2023	R. Aanandh Prakash	Technical Quiz	First	PSG Institute of Technology
20.03.2023	R. Kaviyaa	Technical Quiz	First	PSG Institute of Technology

FACULTY ACHIEVEMENTS

Name of the Faculty	Title of the Paper	Certificate
Mr. V. Gowrishankar	Concrete Technology	
Mr. V. Sasikumar	Hydraulic Engineering	
Mr. P. Nallasamy	Safety in Construction	
Mr. A. Madhan	Electronic Waste Management – Issues and Challenges	

FACULTY DEVELOPMENT PROGRAMME

Faculty Name	Date	Title	Certificate
Mr. A. Madhan, AP/Civil	23.01.2023 to 22.02.2023	Electronic Waste Management - Issues and Challenges	NPTEL-AICTE
Mr. A. Madhan, AP/Civil	13.02.2023 to 17.02.2023	Sustainable Repair and Rehabilitation of Constructed Facilities	Vellore Institute of Technology, Chennai
Mr. R.Ashok, AP/Civil	13.03.2023 to 17.03.2023	Low Cost Housing Techniques and Practices (Cluster)	Vellore Institute of Technology, Chennai
Mr. A. Madhan, AP/Civil	13.03.2023 to 17.03.2023	Low Cost Housing Techniques and Practices (Cluster)	NITTR, Chandigarh
Mr. A. Madhan, AP/Civil	17.05.2023 to 21.05.2023	Futuristic Trends in Civil Engineering	Marri Laxman Reddy Institute of Technology and Management



VIT[®]
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)
CHENNAI




Certificate of Participation

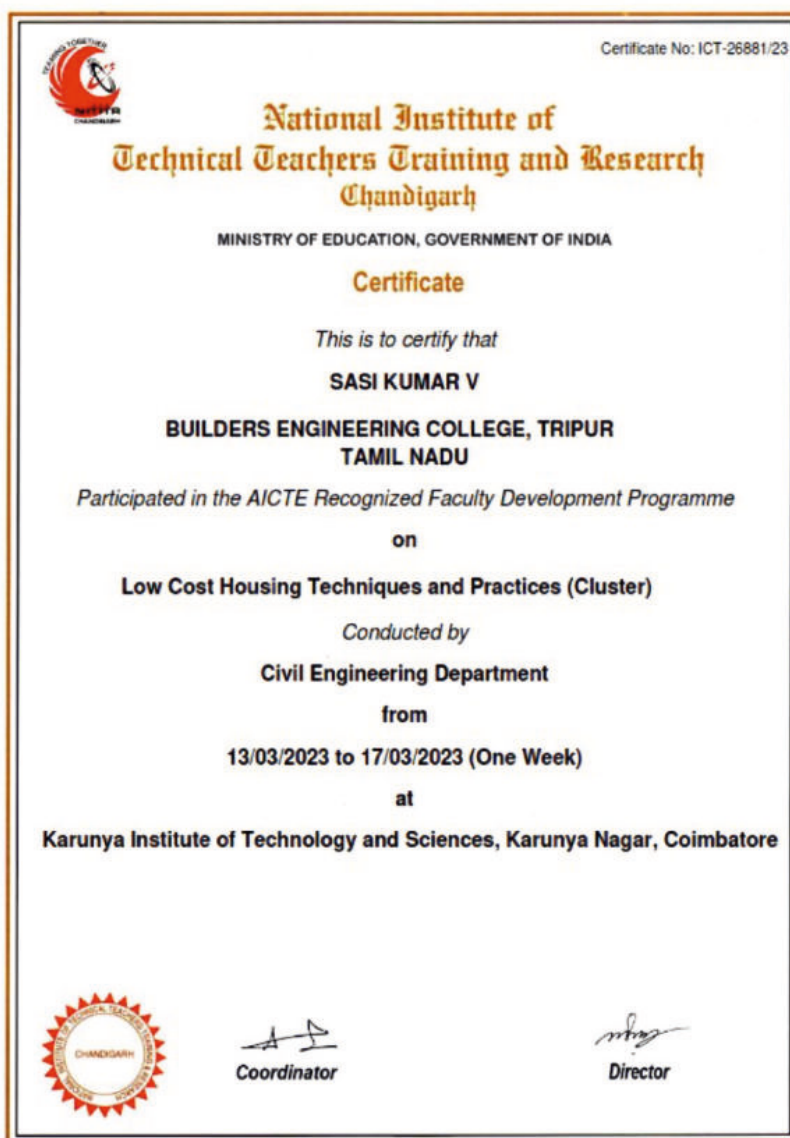
This is to certify that Dr./Prof./Mr./Ms. Senthil Kumar of Builders Engineering College has participated in a 5 day Virtual Faculty Development Program (FDP) on **"Sustainable Repair and Rehabilitation of Constructed Facilities"** organized by School of Civil Engineering on 13th and 17th February, 2023 at Vellore Institute of Technology, Chennai.


Dr.V.Vasugi
Coordinator


Dr.M.Helen Santhi
Coordinator


Dr.S.Elavenil
Dean, SCE

VIT – A place to learn; A chance to grow



FACULTY PUBLICATIONS

Faculty Name	Title	Name of the Journal
Dr. P. Eswamoorthi, AP/Civil	Dependency of Sisal and Banana Fiber on Mechanical and Durability Properties of Polypropylene Hybrid Fiber Reinforced Concrete	Journal of Natural Fibers
Mr. D. Senthilkumar, AP/Civil	Progressive Collapse Analysis of High Rise Building Using Linear Static Procedure	International Journal of Advance Research in Science and Engineering
Mr. V. Sasi Kumar, AP/Civil	Progressive Collapse Analysis of High Rise Building Using Linear Static Procedure	International Journal of Advance Research in Science and Engineering
Mr. A. Madhan, AP/Civil	Study on Effect of Plastic Waste and Steel Slag in Bituminous Concrete Mix	International Journal of Advance Research in Science and Engineering
Mr. A. Madhan, AP/Civil	Study on Effect of Plastic Waste and Steel Slag in Bituminous Concrete Mix	International Journal of Advance Research in Science and Engineering

STUDENTS CORNER



Mr. S. Akashpriyadharshan
III Year



Ms. K. Kiruthika
IV Year