

The background of the entire page is a high-angle photograph of a rugged coastline. A large, grey rock formation dominates the middle ground, with a small, white boat floating in the clear blue water below it. The foreground is filled with the tops of green pine trees. The sky is a pale, clear blue.

CIVIL ENGINEERING NEWSLETTER

AADHARA

Edition July - December 2024

Featuring

**Students Achievements
Faculty Contributions
Other Significant Events**

VISION AND MISSION OF THE DEPARTMENT

VISION

To be a centre of excellence in Civil Engineering Education through full-fledged Learning experience along with research.

MISSION

To accomplish our vision, we are committed to excel in Civil Engineering Education by providing,

- Faculty experts from all specialization of Civil Engineering to facilitate teaching learning process
- Excellent infrastructure facilities to apply Civil Engineering knowledge and perform societal based research
- Exposure to latest technologies in Civil Engineering through industry-institute interaction and professional bodies
- Environs to develop their innovative thoughts, ethics, communication, inter- and intra- personal skills
- Enthusiasm towards self-learning, social responsibility and entrepreneurship

PROGRAMME EDUCATIONAL OBJECTIVES

- To apply knowledge of mathematics, science and engineering to solve existing problems in the area of Structural, Geotechnical, Water Resources, Environmental, Transportation, Urban Planning, Construction Materials and Management in Civil Engineering
- To analyze, design, construct Civil Engineering traditional and modern structures
- To perform investigation on any complicated Civil Engineering problems by conducting research using modern equipments and software tools
- To communicate and develop strong inter- and intra- personal skills to prepare them for placement and higher studies
- To be self-motivated towards lifelong learning and entrepreneurship

STUDENTS ACHIEVEMENTS



The Department is proud to announce that **Gopika T, B20-24** has been recommended for the **SSC(W) Technical Entry, Indian Army**. The merit list was released today and she has secured **All India Rank 5**. She will be receiving a joining letter soon and will be going for her Training in October 2024. After 49 weeks of training she will be commissioned as **Lieutenant & will continue serving in the Indian Army**.

STUDENTS ACHIEVEMENTS



The Civil Engineering Department is happy to inform that our B2019-23 alumni **Balasurya L** will be attending the post graduate program in **Structural Engineering** from **NIT Calicut**.

He will be the **first civil alumni** to attend a **PG program in Structural Engineering** from an **Institution of National Importance**.

STUDENTS ACHIEVEMENTS



Final final student **Abhilash C** is attending an **internship** in **Centre for Sustainable Technologies, IISc Bangalore** on the topic **“Accelerating Carbon Sequestration Technologies in 3D Printing Construction.”** This is a unique opportunity to work on cutting-edge research at the intersection of sustainability, carbon capture, and construction technologies.

STUDENTS ACHIEVEMENTS



Final Year Civil Engineering Student **Abishake S** have participated and won the 3rd prize in Talent search quiz competition – **2024** organized by Coimbatore District All Civil Engineers Association (**CODCEA**) on **13.9.2024**.

STUDENTS ACHIEVEMENTS



The Civil Engineering students participated in the Anna University Zonal tournament held at SKCET hosted by the Hindustan College of Engineering and Technology. Vishnu Prakash from second year Civil Won 2nd prize in the Men's category 4*100 m relay. Chandra Hari K from third year Civil won 2nd prize in Men's High jump.

STUDENTS ACHIEVEMENTS



Third year Civil Engineering student **Nishanthini R** completed Half Marathon category (21.1 Km) on 15 th December 2024. It was organised by **Coimbatore Cancer Foundation** and corresponding funds will be used to operate cancer affected kids.

STUDENTS ACHIEVEMENTS

SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY

An Autonomous Institution | Approved by AICTE | Affiliated to Anna University | Accredited by NAAC with A++ Grade

Kuniamuthur , Coimbatore -641008



CONGRATULATIONS!

On your well-deserved success!!

NPTEL ACHIEVER

Course Name: Building Materials as a Cornerstone to Sustainability



**BHAAVESH
BAARATHVAAJ B**
727722EUCV009



KAVIRAJ S
727722EUCV021



NAVEENA S
727722EUCV032



NISHANTHINI R
727722EUCV033



SRIKAVIYA S

727722EUCV033

Course Name :Soil Mechanics/Geotechnical Engineering I



SOWMIYA P R
727722EUCV055



TARUNYA SHREE SHANMUGAM
727722EUCV061

Course Name :Indoor Air Pollution: Sources, Effects, Monitoring, Control and Modeling



POOJASREE R
727721EUCV028



SRIGAYATHRI JP
727721EUCV036

For the successful completion of SWAYAM-NPTEL Online Certification Course for the Academic Year 2024-2025

STUDENTS ACHIEVEMENTS

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CONGRATULATIONS!

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NPTEL ACHIEVER

Course Name: Building Materials as a Cornerstone to Sustainability



AJAY K
727722EUCV002
ELITE



AKASH S
727722EUCV003
ELITE +Sliver



AKILAN R
727722EUCV004
ELITE



DHARANIPRIYA R V
727722EUCV016
ELITE



MANIKANDAN T
727722EUCV023
ELITE



MUHAMED AFZAL J
727722EUCV030
ELITE+ SLIVER



POOJA N
727722EUCV037
ELITE



RAMYA. S
727722EUCV043
ELITE



RUFUS BOBAN
727722EUCV044
ELITE



SAHIL M
727722EUCV046
ELITE+Sliver



SABARISH G
727722EUCV045
ELITE



SHEWIN JOHN
727722EUCV053
ELITE

For the successful completion of SWAYAM-NPTEL Online Certification Course for the Academic Year 2024-2025

STUDENTS ACHIEVEMENTS

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CONGRATULATIONS!

On your well-deserved success!!

NPTEL ACHIEVER

Course Name: Soft Skill Development



DARSHANA SRI P T
727723EUCV012



DHARSHINI .M
727723EUCV013



NIDHIN.S
727723EUCV036



RAMYA
727723EUCV045



RIDDHI RESHMI.R
727723EUCV047



SIVAGURU PRAKASH.K
727723EUCV052



SWETHA.G
727723EUCV060



THARANI.B
727723EUCV062

Course Name: Fluid Mechanics



AADEESH G
727723EUCV001



AKCHITHA SRI J
727723EUCV007



DARSHANA SRI P T
727723EUCV012



POOJASRI.S
72772EUCV039



SREE NIVETHA .V
727723EUCV054



YOGITH K
727723EUCV067

For the successful completion of SWAYAM-NPTEL Online Certification Course for the Academic Year 2024-2025

STUDENTS ACHIEVEMENTS

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Kuniamuthur , Coimbatore -641008



CONGRATULATIONS!

On your well-deserved success!!

NPTEL ACHIEVER

Course Name: Building Materials as a Cornerstone to Sustainability



**SREE
NARASIMMAN K**
727722EUCV056
ELITE



SYED MUSHTAQ S J
727722EUCV060
ELITE +Sliver



**VISHAL
KRISHNAN S**
727722EUCV064
ELITE



DHARINESH V
727723EUCV502
ELITE



SURENDAR D
727723EUCV508
ELITE
Building Materials as a
Cornerstone
to Sustainability



ABISHEKRAJ T S K
727722EUCV001
ELITE
Building Materials as a
Cornerstone
to Sustainability



MITHUN R
727722EUCV026
ELITE
Building Materials as a
Cornerstone
to Sustainability



PRIYANGA.S
727722EUCV040
ELITE
Soil Mechanics /Geotechnical
Engineering I



R. RAGAPRIYA
727723EUCV044
ELITE
Fluid Mechanics



ARBAAZSHERIFF
727723EUCV009
ELITE
Soft Skill Development



KARVENDHAN
727723EUCV028
ELITE
Soft Skill Development



KEERTHANA R
727721EUCV021
ELITE+ SLIVER
Indoor Air Pollution: Sources, Effects,
Monitoring, Control and Modeling

For the successful completion of SWAYAM-NPTEL Online Certification Course for the Academic Year 2024-2025

STUDENTS ACHIEVEMENTS



Hemanth R and Arbazz Sheriff of II year Civil Engg has secured **Second Place in Poster Presentation** Contest held at Jansons Institute of Technology, Coimbatore on 04.10.24. They received a cash prize of **Rs.2000**. They also won a Second prize in the Non-Technical event **Connections** held at **Jansons Institute of Technology Coimbatore, Coimbatore** on 4.10.2024.

FACULTY CONTRIBUTIONS

R&DI JOURNAL PUBLICATION

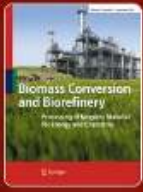
SPRINGER NATURE Link Log in

Find a journal | Publish with us | Track your research | Cart

Home > Biomass Conversion and Biorefinery > Article

Development of cleaner production composite rebar using sugarcane bagasse biochar and areca short fibre for eco-friendly construction

Original Article | Published: 05 November 2024
(2024) [Cite this article](#)



Biomass Conversion and Biorefinery

[Aims and scope](#) →
[Submit manuscript](#) →


S. M. Mohamed Sahibulla [✉](#), B. Hemalatha, D. Maruthachalam & G. Shyamala Access this article

Dr. D. Maruthachalam, Dean, Civil Engineering and Infrastructure, has published a research article titled “Development of cleaner production composite rebar using sugarcane bagasse biochar and areca short fibre for eco-friendly construction” in Biomass Conversion and Biorefinery. It is indexed in Scopus and WoS.

FACULTY CONTRIBUTIONS

R&DI JOURNAL PUBLICATION

Volume 3231, Issue 1
15 November 2024




RECENT ADVANCES IN MATERIALS AND MANUFACTURING: ICRAMM2023
29–30 December 2023
Erode, India

[Previous Article](#) [Next Article](#)

RESEARCH ARTICLE | NOVEMBER 15 2024

Machine learning techniques for estimating compressive strength of high-performance concrete - A comparative study

D. Maruthachalam ; Vinodhkumar Shanmugasundaram; G. Shyamala

+ Author & Article Information
AIP Conf. Proc. 3231, 060005 (2024)
<https://doi.org/10.1063/5.0239770>

Share Tools

This comparative study explores machine learning algorithms—Ridge regression, Lasso regression, Decision Tree, and Random Forest—for estimating the compressive strength of High-Performance Concrete. Performance metrics such as Root Mean Squared Error (RMSE), Mean Absolute Percentage Error (MAPE), and R-squared (R^2) are employed for evaluation. Notably, Random Forest emerges as the standout performer, exhibiting superior accuracy with the lowest RMSE of 10.17 and a minimal MAPE of 8.89. Lasso regression follows closely, showcasing effective error minimization. The study underscores the practical implications of algorithm selection, emphasizing the importance of considering interpretability and accuracy trade-offs. These findings provide valuable insights for practitioners and researchers navigating the application of machine learning to concrete strength estimation.

Dr. D. Maruthachalam, Dean, Civil Engineering and Infrastructure, has published a research article titled “Machine learning techniques for estimating compressive strength of high-performance Concrete - A comparative study” in AIP Conference Proceedings. It is indexed in Scopus and WoS.

FACULTY CONTRIBUTIONS

R&DI JOURNAL PUBLICATION

REVISTAMATĒRIA

ISSN 1517-7076 articles e20240405, 2024

V.29 N.4

**Enhancing concrete performance through iron slag substitution:
analysis of mechanical, durability and microstructural studies**

Vandhiyan Radhakrishnan¹, Saravanakumar Palaniraj², Nisha Nirmalraj³, Udaya Banu⁴

¹AAA College of Engineering and Technology, Department of Civil Engineering, Sivakasi, Tamilnadu, India.

²Sri Krishna College of Engineering and Technology, Department of Civil Engineering, Coimbatore, Tamilnadu, India.

³Sri Sairam Engineering College, Department of Civil Engineering, Chennai, Tamilnadu, India.

⁴Kings Engineering College, Department of Civil Engineering, Irunkkattukottai, Tamilnadu, India.

e-mail: vandhiyan@aaacet.ac.in, psaravana2000@gmail.com, nisha.civil@sairam.edu.in, banuraj2007@gmail.com

Dr. P. Saravanakumar, Professor, Department of Civil Engineering, has published a research article titled “Enhancing concrete performance through iron slag substitution: analysis of mechanical, durability and microstructural studies” in Revista Materia. It is indexed in Scopus and WoS.

FACULTY CONTRIBUTIONS

R&DI JOURNAL PUBLICATION

REVISTAMATĒRIA

ISSN 1517-7076 article e20230368, 2024

V.29 N.2

Analysis of mechanical performance and durability of repair mortar with partial replacement of tufa stones with aggregates

Ramakrishnan Subramanian¹ , Yogeshwaran Venkatraman¹ 

¹Sri Krishna College of Engineering and Technology, Department of Civil Engineering, Coimbatore, India.
e-mail: srkcivil@gmail.com, svyogi23190@gmail.com

Dr. S. Ramakrishnan, Associate Professor, Department of Civil Engineering, has published a research article titled “Analysis of mechanical performance and durability of repair mortar with partial replacement of tufa stones with aggregates” in Revista Materia. It is indexed in Scopus and WoS.

FACULTY CONTRIBUTIONS

R&DI JOURNAL PUBLICATION

Discover Sustainability

Case Study

Multivariate statistical and hydrogeochemical analysis of seasonal groundwater quality variations in coastal villages of Trivandrum district, south India

V. Stephen Pitchaimani¹ · R. J. Jerin Joe^{1,2} · G. Shyamala³ · G. Manjula⁴ · B. Hemalatha⁵ · M. Dinesh Babu⁶ · S. Shenbaga Ezhil⁷ · Gobinath Ravindran³

Received: 18 August 2024 / Accepted: 17 October 2024

Published online: 01 November 2024

© The Author(s) 2024 [OPEN](#)

Dr. G. Manjula, Associate Professor, Department of Civil Engineering, has published a research article titled “Multivariate statistical and hydrogeochemical analysis of seasonal groundwater quality variations in coastal villages of Trivandrum district, south India” in Discover Sustainability.

FACULTY CONTRIBUTIONS

R&DI JOURNAL PUBLICATION

REVISTAMATĒRIA

ISSN 1517-7076 articles e20240021, 2024

V.29 N.3

A comparative analysis of high-performance concrete: evaluation of strength and durability parameters with alternate fine aggregates and alccofine through response surface methodology model

Boobalan Savandappur Chinnusamy¹, Gayathri Venkataraman²

¹Sri Krishna College of Engineering and Technology, Department of Civil Engineering, 641008, Coimbatore, Tamil Nadu, India.

²Kumaraguru College of Technology, Department of Civil Engineering, 641049, Coimbatore, Tamil Nadu, India.
e-mail: boobalanpras@gmail.com, gayathriitdelhi@gmail.com

Mr. S. C. Boobalan, Assistant Professor, Department of Civil Engineering, has published a research article titled “A comparative analysis of high-performance concrete: evaluation of strength and durability parameters with alternate fine aggregates and alccofine through response surface methodology model” in Revista Materia. It is indexed in Scopus and WoS.

FACULTY CONTRIBUTIONS

R&DI JOURNAL PUBLICATION



Journal of
Polymer & Composites

<https://journals.stmjournals.com/jopc>

ISSN: 2321-2810 (Online)
ISSN: 2321-8525 (Print)
Volume 12, Special Issue 6, 2024
DOI (Journal): 10.37591/JoPC

Research

JoPC

Eco-Friendly Tri-Layer Hybrid Composites: A Sustainable Approach to Polymer Matrix Materials

Chandramohan D.¹, N. Punitha², Gowtham M.³, S.C. Boobalan⁴,
B. Murali⁵ *, K. Karthik⁶

Mr. S. C. Boobalan, Assistant Professor, Department of Civil Engineering, has published a research article titled “Eco-Friendly Tri-Layer Hybrid Composites: A Sustainable Approach to Polymer Matrix Materials” in STM Journals. It is indexed in Scopus and WoS.

FACULTY CONTRIBUTIONS

R&DI JOURNAL PUBLICATION

ARCHITECTURAL SCIENCE REVIEW
<https://doi.org/10.1080/00038628.2024.2368662>



Check for updates

Multi-factor thermal analysis of phase change material integrated roofing elements

Rameshkumar Vighnesh^{a,b}, Parol Viswanath^a and Kalpathy Balakrishnan Anand^a

^aDepartment of Civil Engineering, Amrita School of Engineering, Amrita Vishwa Vidyapeetham, Coimbatore, India; ^bDepartment of Civil Engineering, Sri Krishna College of Engineering and Technology, Coimbatore, India

ABSTRACT

In the present study, the PCM layer is integrated into the roof, analyzed, and compared for its thermal behaviour in terms of Indoor Air Temperature Reduction (IATR), Thermal Load Levelling (TLL), and Lag Time (LT) to determine the ideal position, thickness, and type of PCM. The observations from the experimental analysis were validated using COMSOL Multiphysics v6.0 with available literature. The results showed that PCM-integrated roofs reduced the interior temperature by around 30%. Furthermore, the fluctuations in the interior temperatures were reduced to 6.1% with PCM integration within the roof. A lag time of 5–8.25 h was observed for the PCM roofs. The study also found that the material properties impact the overall thermal behaviour of the PCM-integrated roofs. These properties were further explored using continuous cyclic thermal loading and variation of latent heat over a period of four days for three climatic zones in India.

Abbreviations: PCM: Phase Change Material; CC: Conventional Concrete; AAC: Autoclaved Aerated Cement; TMY: Typical Meteorological Years; epw file: Energy Plus Weather File; mPCM: Microencapsulated Phase Change Material; PTC: Positive Temperature Coefficient; DHT: Digital Temperature And Humidity; IATR: Indoor Air Temperature Reduction (%); TLL: Thermal Load Levelling (%); LT: Lag Time (hours)

ARTICLE HISTORY

Received 8 January 2024
Accepted 7 June 2024

KEYWORDS

PCM integration; building envelope; cyclic thermal loading; latent heat variation; thermal comfort; Microclimate

Mr. R. Vighnesh, Assistant Professor, Department of Civil Engineering, has published a research article titled “Multi-factor thermal analysis of phase change material integrated roofing element” in Architectural Science Review, a Q1 journal (Taylor and Francis). It is indexed in Scopus and WoS.

FACULTY CONTRIBUTIONS

R&DI JOURNAL PUBLICATION

REVISTAMATĒRIA

ISSN 1517-7076 articles e20240146, 2024

V.29 N.3

Evaluation of concrete performance incorporated with amine group corrosion inhibitor

Yuvaraj Subramaniyan¹, Nirmalkumar Krishnaswami², Rajeshkumar Viswanathan¹, Hemavathi Ramasamy³

¹KPR Institute of Engineering and Technology, Department of Civil Engineering, 641407, Coimbatore, India.

²PGP College of Engineering and Technology, Department of Civil Engineering, 638052, Namakkal, India.

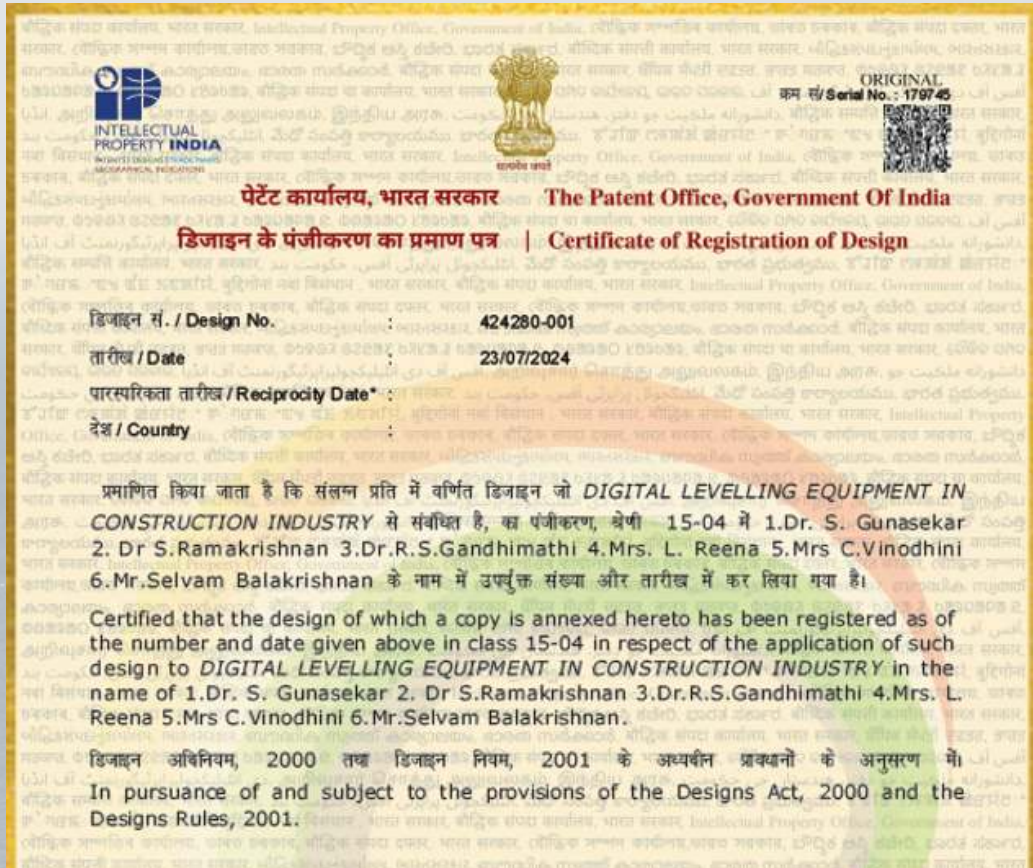
³Sri Krishna College of Engineering and Technology, Department of Civil Engineering, 641008, Coimbatore, India.

e-mail: yuvarajsbecivil@gmail.com, nirmalkavi1979@gmail.com, rajeshcit16@gmail.com, hemavathir@skcet.ac.in

Ms. R. Hemavathi, Assistant Professor, Department of Civil Engineering, has published a research article titled “Evaluation of concrete performance incorporated with amine group corrosion inhibitor” in Revista Materia. It is indexed in Scopus and WoS.

FACULTY CONTRIBUTIONS

R&D/PATENT PUBLICATION

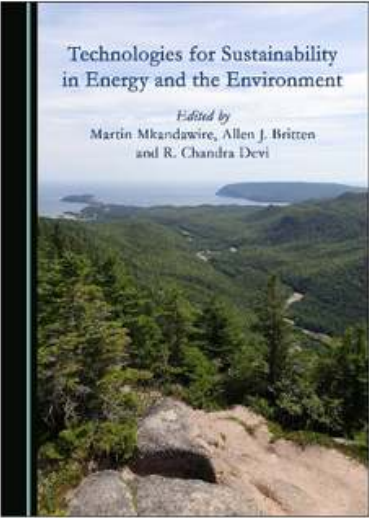


Dr. S. Ramakrishnan, Associate Professor, Department Of Civil Engineering has registered a design patent on “Digital levelling equipment in construction industry” in the Patent Office, Government of India. The patent was published on 10th October 2024.

FACULTY CONTRIBUTIONS

R&D/PATENT PUBLICATION

Technologies for Sustainability in Energy and the Environment



Technologies for Sustainability in Energy and the Environment
Edited by
Martin Mkandawire, Allen J. Britten
and R. Chandra Devi

[Description](#) [Editor Bio](#) [Contributors](#)

The focus of technological development has changed from sustaining life to improving the quality of life. This change is exerting excessive demand for fuel and resources. The consequences manifest as challenges to environmental and energy sustainability and to climate change. Thus, further technological advancements need urgent re-focusing to save the earth from becoming uninhabitable. This book looks specifically at the direction of technologies and research innovations, including those just entering the market for abating, rehabilitating, and restoring degraded environments. Scientific and engineering perspectives are presented on promising technologies for a) sustaining environmental conditions, which are cost-effective and efficient with the potential to reach the most underprivileged world economies and b) clean energy production, which is either renewable or has low- or zero-carbon emissions. This book is a 'must-read' for a diverse and interdisciplinary audience ranging from academics, researchers, industry professionals and advanced students.

Buy This Book

Hardback

ISBN: 1-0364-0439-0
ISBN13: 978-1-0364-0439-0
Release Date: 11th October 2024
Pages: 401
Price: £78.99

1 + [Add To Basket](#)

[View Extract](#)

Dr.R. Chandra Devi, Associate Professor, Department of Civil Engineering has authored a book on **“Technologies for Sustainability in Energy and the Environment”** published by Cambridge Scholars Publishing. The ISBN number of the publication is **1-0364-0439-0**.

FACULTY CONTRIBUTIONS

R&D/CONVENTION PRESENTATION



Mr. R. Vighnesh, Assistant Professor, Department of Civil Engineering has presented a paper “Optimisation of multiple factors of PCM integration in building roofs using Response Surface Methodology” in the 38th National Convention of Civil Engineers organized by the Institution of Engineers (India), Kochi local centre held on 17th and 18th October 2024.

FACULTY CONTRIBUTIONS

FACULTY CERTIFICATIONS



Dr. P. Saravanakumar, Professor, Department of Civil Engineering has successfully participated and completed the AICTE Training and Learning (ATAL) Academy Faculty Development Program on Advanced Materials, Rare-Earth and Critical Minerals at Prince Shri Venkateshwara Padmavathy Engineering College from 05/08/2024 to 10/08/2024.

FACULTY CONTRIBUTIONS

FACULTY CERTIFICATIONS



Dr. R. Chandra Devi, Associate Professor, Department of Civil Engineering has completed a training program on **Deep Foundation testing – Integrity assessment** organized by National Institute of Technical Teachers Training and Research, Kolkata and Sarathy Geotech and Engineering Services Pvt Ltd, on **18th November 2024**.

FACULTY CONTRIBUTIONS

FACULTY CERTIFICATIONS



Dr. R. Chandra Devi, Associate Professor, Department of Civil Engineering has participated in DST SERB sponsored Two Days National Level Workshop on **"Innovations & Recent Trends on Sustainable Composite Materials in Civil Engineering"** organized by the Department of Civil Engineering, Puducherry Technological University, Puducherry, held on **17th and 18th October 2024.**

FACULTY CONTRIBUTIONS

FACULTY CERTIFICATIONS



Mr. A. Jesudass, Assistant Professor, Department of Civil Engineering has completed a certification course on “**Life Cycle Assessment of Buildings (LCA)**” organized by the Indian Green Building Council from **26th to 28th June 2024**.

FACULTY CONTRIBUTIONS

FACULTY CERTIFICATIONS



Dr. S. Sadheesh, Assistant Professor, Department of Civil Engineering has completed a 5-day International FDP on “**Sustainable Construction Materials, Technologies and Practices (SCMTP-24)**” organized by the Malla Reddy Engineering College, Hyderabad from **24th to 28th June 2024**.

FACULTY CONTRIBUTIONS

FACULTY CERTIFICATIONS



Mr. S. C. Boobalan, Assistant Professor, Department of Civil Engineering has participated and completed a 5-day FDP on “**3D Printing in Construction Technology**” organized by the Department of Civil Engineering, National Engineering College, Kovilpatti, Tamilnadu from 2nd to 6th September 2024.

OTHER SIGNIFICANT EVENTS

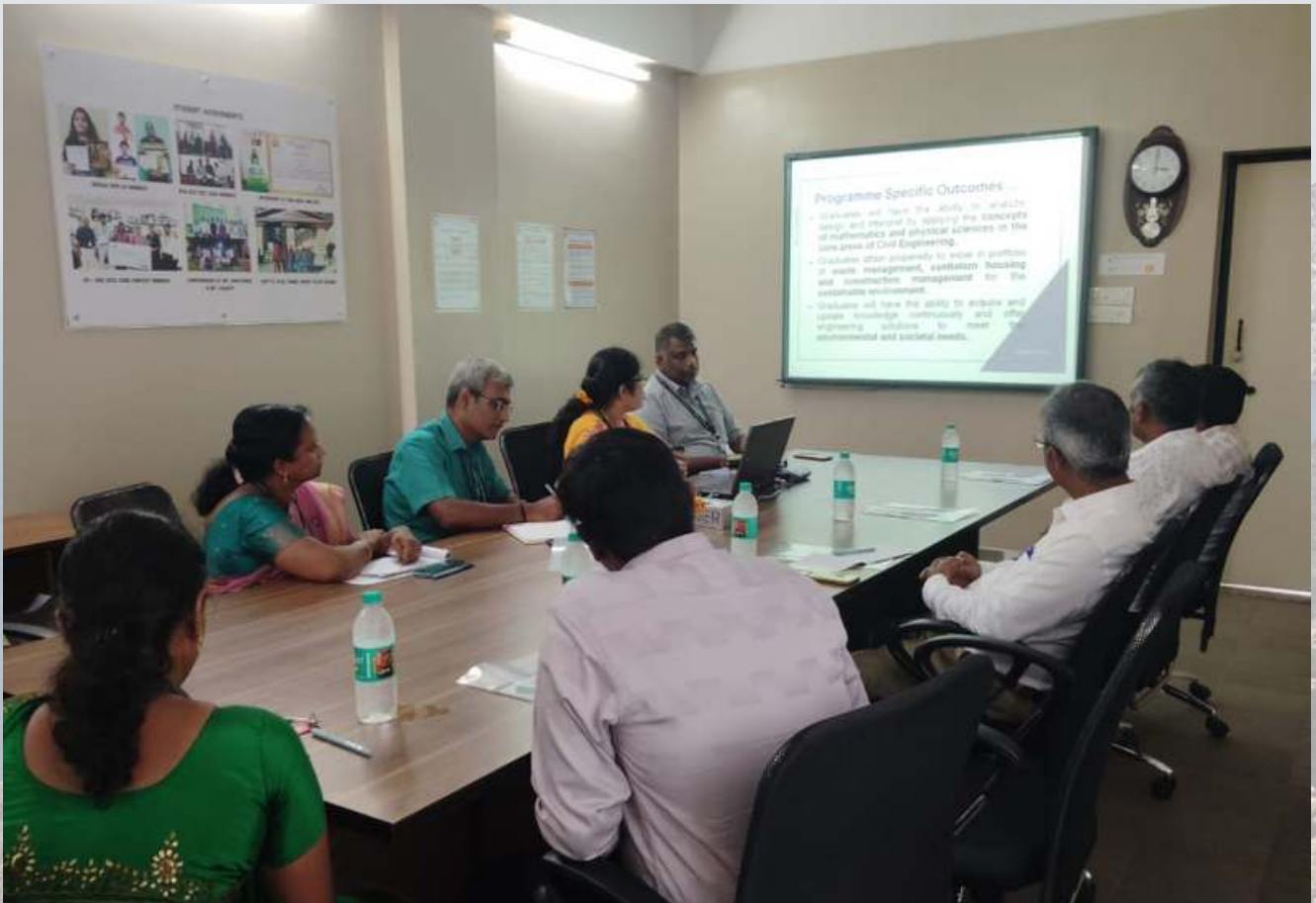
PROGRAMME ASSESSMENT COMMITTEE MEETING



Department of Civil Engineering conducted the Programme Assessment Committee meeting on 29th November 2024. The meeting was convened by Dr. P. Muthupriya, Professor and Head, Department of Civil Engineering along with senior faculty members of the department Dr. P. Saravanakumar, Dr. G. Manjula, Dr. S. Ramakrishnan and Dr. R. Chandra Devi. The comments from all the expert members were recorded.

OTHER SIGNIFICANT EVENTS

DEPARTMENT ADVISORY BOARD MEETING



The Department Advisory Board (DAB) meeting for the Civil Engineering Department at SKCET was convened on December 02, 2024, at 3:00 PM in the Conference Room.

OTHER SIGNIFICANT EVENTS

DEPARTMENT BOARD OF STUDIES MEETING



Department of Civil Engineering conducted its 17th **Board of Studies Meeting** on 14th December 2024. The meeting was convened by **Dr. P. Muthupriya, Professor and Head, Department of Civil Engineering** along with external experts **Dr. J. Jeyanthi, Professor and Head, GCT, Coimbatore**, **Dr. T. Palanisamy, Associate Professor, NIT, Karnataka**, **Dr. M.P. Muthuraj, Professor and Head, CIT, Coimbatore**, **Dr. Sudhahar Adithan, Chief Consultant, Dimensions** and **Ms. N. Keerthana, Assistant Engineer, PWD, Coimbatore**.

OTHER SIGNIFICANT EVENTS

OUTSIDE CLASS LEARNING EXPERIENCE



The **Third Year** Civil Engineering Students were taken to **Sree Daksha's** Aroush Apartment Site for an Outside Classroom Learning Experience (OCLE) for the Course **Design of Reinforced Concrete Structures** on 31.08.24.

OTHER SIGNIFICANT EVENTS

OUTSIDE CLASS LEARNING EXPERIENCE



The **Third Year** Civil Engineering Students were taken to **Sierra ODC Pvt. Ltd** for an Outside Classroom Learning Experience (**OCLE**) for the Course **Green Building Technology** on 06.09.24. It's the world's second **Greenest** building (as rated by **LEED**) and **India's Greenest Building**.

OTHER SIGNIFICANT EVENTS

OUTSIDE CLASS LEARNING EXPERIENCE



The **Final** year Civil Engineering students were taken to **Brookfields Mall** for an Outside Classroom Learning Experience (**OCLE**) for the subject **Building Services and Management** on 14.08.24.

OTHER SIGNIFICANT EVENTS

OUTSIDE CLASS LEARNING EXPERIENCE



The Final Year Civil Engineering Students were taken to Precast Yard, KNR Constructions Limited at Supparayampalayam for an Outside Classroom Learning Experience (OCLE) for the Course Prefabricated Structures on 13.09.24.

OTHER SIGNIFICANT EVENTS

UYIR CLUB EVENT



Three Civil Engineering students Akilan R, Akash S, Kaviraj S successfully participated in Diwali Traffic Regulation initiative as part of SKCET Uyir club event held at Oppanakaara Street Town Hall on 19.10.2024. Despite inclement weather, the event demonstrated the collective commitment to community service.

OTHER SIGNIFICANT EVENTS

Technical Session on “PEB Design”



Third Year Civil Engineering students attended the Special Technical Lecture session on "**Rudiments of PEB Design** by **Dr. L. S. Jayagopal, Mithran Structures**, organized by the Association of Consulting Civil Engineers , Coimbatore Centre.

OTHER SIGNIFICANT EVENTS

GATE SUCCESSOR SESSION

The screenshot shows a Zoom meeting interface. The main content is a presentation slide titled "GATE 2025 — PREPARATION FOR CIVIL ENGG." which contains a table of activities and dates. The meeting control bar at the bottom shows the current time as 6:39 PM and the host as Vighnesh R. The meeting ID is itb-uu... and there are 17 other participants.

Activity	Day	Date*
Opening Date of GATE Online Application Processing System (GOAPS)	Saturday	24 th August 2024
	Wednesday	28 th August 2024
Closing Date of REGULAR online registration/ application process (Without Late Fee)	Thursday	29 th September 2024
		3 rd October 2024
Closing Date of EXTENDED online registration/ application process (With Late Fee)	Monday	1 st October 2024
	Friday	10 th October 2024
GATE 2025 Examinations		
	Saturday	1 st February 2025
	Sunday	2 nd February 2025
	Saturday	15 th February 2025
	Sunday	16 th February 2025

Dr. P. Muthupriya and Mr. R. Vighnesh, Professor & Head and Assistant Professor respectively, Department of Civil Engineering, presented a session on “**GATE 2025 Preparation**“ on 4th and 11th December 2024. Students from the Civil Engineering Department attended the session.

OTHER SIGNIFICANT EVENTS

SEMINAR ON “DESIGN OF RCC BUILDINGS”



The **Higher Education Cell** of Civil Engineering Department organized a seminar on “**Constructive Structural Design of RCC Buildings**” on 23.7.2024. The resource person for the event was **Er. B. Kamaraj**, Structwell Consulting Structural Engineer.

OTHER SIGNIFICANT EVENTS

SEMINAR ON “HIGHER EDUCATION ON ABROAD”



The **Higher education cell** of the SKCET Civil Engineering department conducted a guest lecture on “**Navigating Higher Education Abroad: Insights and the Role of IELTS**” on 22.08.2024. **Mr. Dineshkumar** from **IDP Education** (Study Abroad Consultants) in Coimbatore was invited to share his expertise and guide the students through the process of studying internationally. The lecture included a comprehensive overview of the **IELTS exam**, detailing its format, scoring system, and preparation strategies.

OTHER SIGNIFICANT EVENTS

SEMINAR ON “PRECAST CONSTRUCTION”



SKCET -Civil Engineering Department organized a Guest lecture on **Infrastructure Revolution in Precast Construction: Internship and Career Opportunities** for III Year Civil Engineering students on 8th October 2024. The resource person was **Er. S. G. Ashok Kumar, Founder & CEO, Construction Engineering Management Institute (CMTi), Bengaluru.**

OTHER SIGNIFICANT EVENTS

TECHNICAL SESSION ON “PEB ”



Third Year students interacted with Dr. L. S. Jayagopal, Mithran Structures to learn about the Structural Design aspects of Pre Engineered Buildings, Connections detailings and Role of Bracings in stability of structure. To summarise, students got an intense knowledge of the PEB and its structural significance.

OTHER SIGNIFICANT EVENTS

WORKSHOP ON “DRONE SURVEYING”



The Department of Civil Engineering, SKCET organized an one day Workshop on “Drone Surveying” for III Year Civil Engineering students on 26.10.2024. Er. S.S. Pravin, Surveyor, Digital Land Surveying, Coimbatore gave a Hands-on Training session for surveying using Aerial Photography taken by Drone.

OTHER SIGNIFICANT EVENTS

MEMORANDUM OF UNDERSTANDING



Sri Krishna College of Engineering and Technology, Department of Civil Engineering signed a Memorandum of Understanding (MoU) with Construction Management Training Institute (CMTi), Bengaluru (<https://cmti.co.in/>) on 9th October 2024. This collaboration aims to foster academic and research partnerships between the Department of Civil Engineering, SKCET, and CMTi.

OTHER SIGNIFICANT EVENTS

WORKSHOP ON “DESIGNATHON”



The Department of Civil Engineering successfully organized a technical workshop titled **Designathon 2024** for **first-year** students on 9th November 2024. The event aimed to enhance the students' 3d drafting and functional design skills, crucial for their academic and professional growth in civil engineering. The session was conducted by an expert, **Er. R. Udhaysankar**, from **B T R construction**, erode.

OTHER SIGNIFICANT EVENTS

DESIGN COMPETITION



The Department of Civil Engineering organized a design competition “**DESIGNATHON**” on 19th November 2024 to enhance students' practical understanding of building design and visualization using SketchUp.

A total of **62 enthusiastic first-year** civil engineering students participated in the competition. Students were required to **Develop a 3D model of the G+1 residential building** using SketchUp, **Generate accurate front, rear, and side elevation views of the structure, and Create high-quality renderings** showcasing the building from multiple perspectives.

OTHER SIGNIFICANT EVENTS

DESIGN COMPETITION



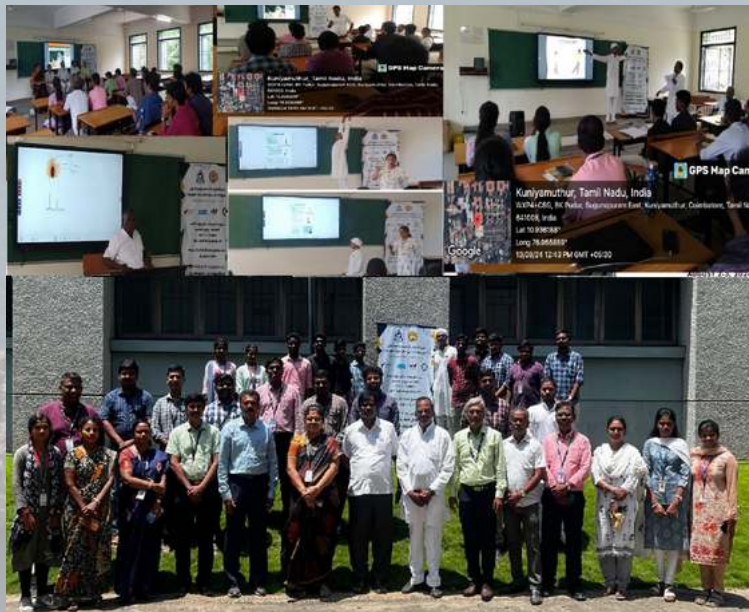
The best design was identified and awarded, recognizing excellence in architectural planning and visualization. The prize winners were awarded today with a Shield and certificate.

Vivek C - First Prize - 1st Civil

Kisanth R - Second Prize - 1st Civil

OTHER SIGNIFICANT EVENTS

CIVIL / AICTE - VAANI



The Civil Engineering Department of Sri Krishna College of Engineering and Technology organized a **AICTE-VAANI** sponsored two-day seminar on “Application of traditional health care systems in daily life” on August 9th and 10th 2024.

OTHER SIGNIFICANT EVENTS

CIVIL | ORPHANGE VISIT



SKCET's Civil Engineering Department took a praiseworthy step by embarking on a heartwarming initiative to bring smiles and create lasting memories for the children at local orphanage on 21.12.2024.

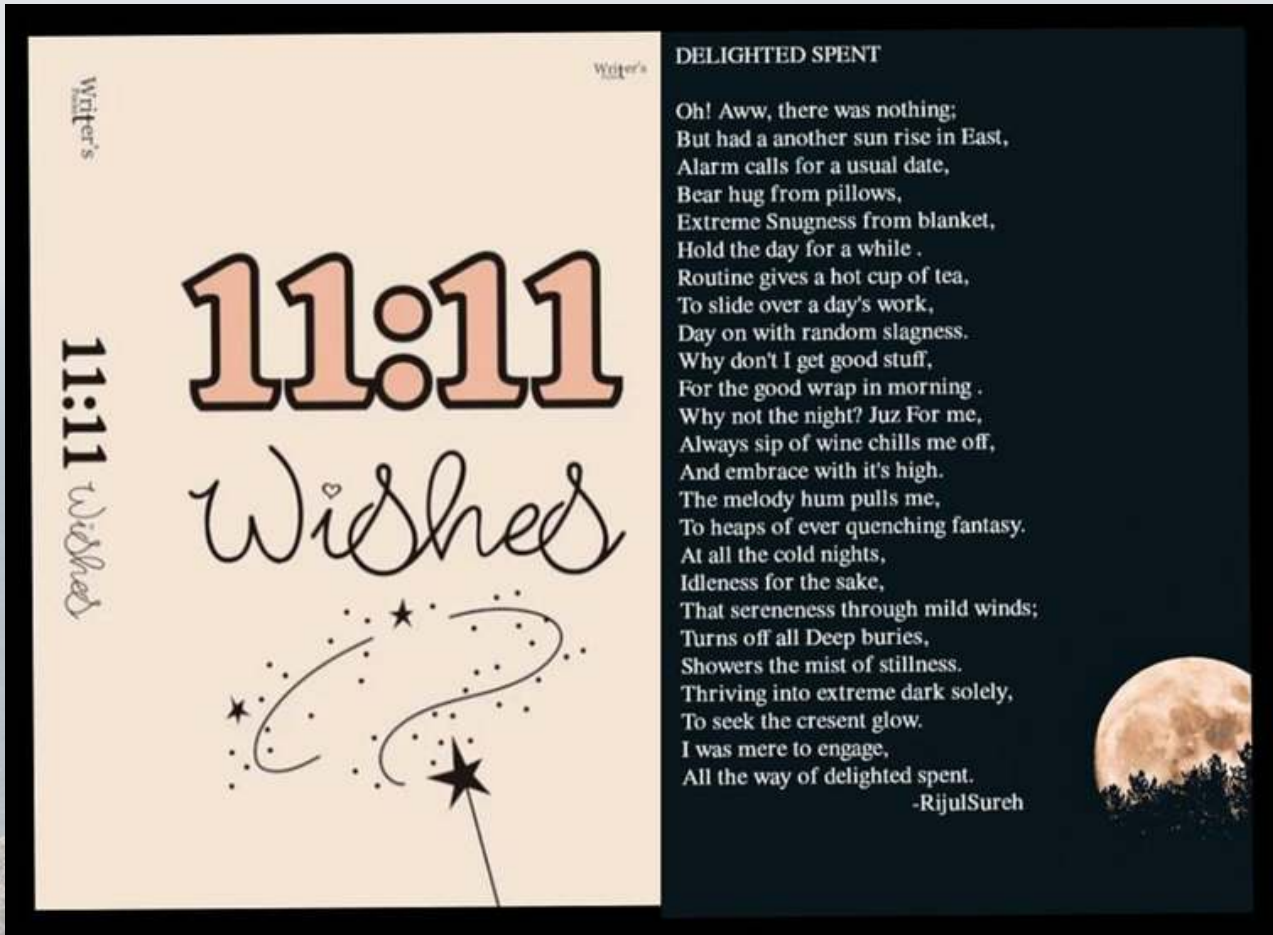
With the central theme of spreading joy and love, this noble endeavor highlighted the importance of caring for those who deserve it the most. Third-year student volunteers, accompanied by faculty member Ms.R.Hemavathi, organized engaging activities and events for the children. They also presented thoughtful gifts, embodying the true spirit of giving and sharing.

OTHER SIGNIFICANT EVENTS

CIVIL | ORPHANGE VISIT



CREATIVE CORNER



Writer's


11:11 Wishes

11:11

Wishes

DELIGHTED SPENT

Oh! Aww, there was nothing;
But had a another sun rise in East,
Alarm calls for a usual date,
Bear hug from pillows,
Extreme Snugness from blanket,
Hold the day for a while .
Routine gives a hot cup of tea,
To slide over a day's work,
Day on with random slagness.
Why don't I get good stuff,
For the good wrap in morning .
Why not the night? Juz For me,
Always sip of wine chills me off,
And embrace with it's high.
The melody hum pulls me,
To heaps of ever quenching fantasy.
At all the cold nights,
Idleness for the sake,
That serenity through mild winds;
Turns off all Deep buries,
Showers the mist of stillness.
Thriving into extreme dark solely,
To seek the crescent glow.
I was mere to engage,
All the way of delighted spent.
-RijulSureh



RIJUL S
IV CIVIL

CREATIVE CORNER

SPARK IN DARK

*Like the sparks found in
the darkest space,
Have got self-love at a
hopeless phase.*

*No melodrama here,
Just a heart that speaks
in hushed tones.*

*Never letting the thought
of regret dwell within,
Yet finding it arduous to
unwind the twisted knots
in the head for stuff not
even in.*

*Preoccupied by the gleam
of dreams deliberated,
Despite being silenced by
something that happens
out of the blue.*

*Even if desperation crams
the heart to the core,
It is fine,
To start from no more.*

RAGAPRIYA R

II CIVIL

CREATIVE CORNER

LIFE

*In the crowd of life, I was racing ahead,
But driven, not choosing the path I tread.*

*Falling, yet none came to lift me up,
Why would anybody come? I was a man who was
down and bound.*

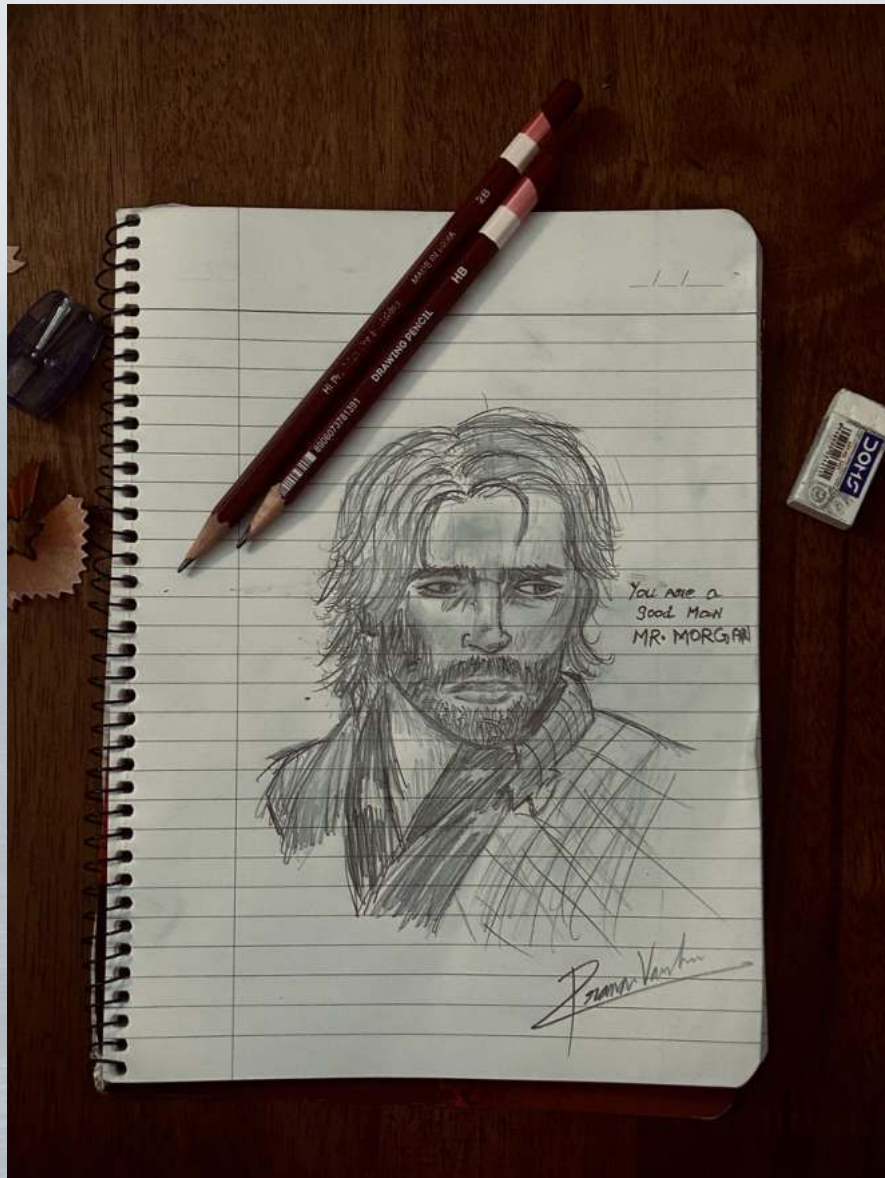
*With bruised knees, my spirit worn thin,
Fading respect, dreams slipping within.*

*My soul estranged, my heart in tears,
Yet we men must mask our silent fears,
Bearing wounds unseen, we press through the pain
For we are men in this broken world's reign.*

ARBAAZ SHERIFF

II CIVIL

CREATIVE CORNER



PRANAV VARSHAN R K
III CIVIL

CREATIVE CORNER



*RUFUS BOBAN
III CIVIL*

CREATIVE CORNER



RAGAPRIYA R
II CIVIL

CREATIVE CORNER



SAHANA S
I CIVIL



Memories SKCET, COIMBATORE

BATCH 2019-23

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