



NANDHA ENGINEERING COLLEGE, ERODE - 638 052

(An Autonomous Institution - Affiliated to Anna University, Chennai)

DEPARTMENT OF CIVIL ENGINEERING

Activity Report for the Month of October '2024

02.11.2024

- ✓ Dr. E. K. Mohanraj & Mr. K. L. Ravisankar has submitted a proposal for the ATAL Online 6-Days Faculty Development Programme for 2024-25.
- ✓ Dr. E. K. Mohanraj, Mr. K. L. Ravisankar, Mr. V. Aravind, Mr. M. Yeswanth, and Mr. A. Abdul Hameed have completed the *NPTEL course* for the duration of Jul - Sep 2024.
- ✓ Dr. E. K. Mohanraj *published a paper in the Journal* article titled "Energy Potential and Properties of Agrobiomass Briquettes with Nano Kaolin Binder for a Sustainable Environment" in the *Journal of Environmental Nanotechnology (J. Environ. Nanotechnol.)*, Vol.13, No. 3 (2024), pp. 82-88.

ATAL Online Faculty Development Programme
 Sponsored by AICTE Training and Learning (ATAL) Academy
 Six Days Online Faculty Development Program (FDP)
 on **Advanced Computer Diligence in Civil Engineering Driving Sustainable Development through Technology**
 05 - 11 January 2025
 Organized by Department of Civil Engineering, Nandha Engineering College (Autonomous), Perundurai, Erode - 638052

Elite NPTEL ONLINE CERTIFICATION
 (Funded by the MOC, Govt. of India)
 This certificate is awarded to **ARAVIND V** for successfully completing the course **Subsurface Exploration: Importance and Techniques Involved**
 with a consolidated score of **69 %**
 Online Assignments 22.0825 Proctored Exam 46.8875
 Total number of candidates certified in this course: 118
 Jul-Sep 2024 (8 week course)
 Indian Institute of Technology Guwahati

Journal of Environmental Nanotechnology
 Energy Potential and Properties of Agro Biomass Briquettes with Nano Kaolin Binder for Sustainable Environment
 D. Ambika*, N. Athikumarana, R. Boopathi and E. K. Mohanraj
 Department of Agricultural Engineering, Nandha Engineering College, Perundurai, TN, India
 Department of Civil Engineering, Nandha College of Technology, Perundurai, TN, India
 Department of Mechanical Engineering, Anna University College of Engineering and Technology, Sakthi, Salem, TN, India
 Received: 28.07.2024 Accepted: 07.08.2024 Published: 08.08.2024

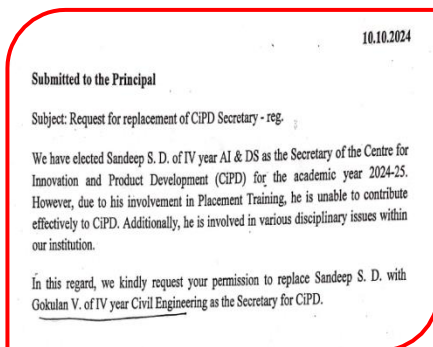
- ✓ Mr. M. K. Kamalakkannan, Mr. V. Aravind, and Mr. M. Yeswanth attended the AICTE-recognized one week *FDP on Construction Management, conducted by NITTTR, Chandigarh, Ministry of Education, Government of India, from 23.09.2024 to 27.09.2024.*
- ✓ Mrs. K. Selvi and Mr. K. L. Ravisankar, APs have successfully completed a *one-week STTP* organized by *MLR Institute of Technology, Hyderabad* from 30.09.2024 to 05.10.2024.
- ✓ S. Sreesanth, a second year student, actively participated in the *Zonal Level Handloom Fashion Show 2024, Season 7.*

National Institute of Technical Teachers Training and Research Chandigarh
 MINISTRY OF EDUCATION, GOVERNMENT OF INDIA
 Certificate
 This is to certify that **YESWANTH M**
 NANDHA ENGINEERING COLLEGE (AUTONOMOUS), ERODE TAMIL NADU
 Participated in the AICTE Recognized Faculty Development Programme

CERTIFICATE of Participation
 This Certificate is Proudly Presented to **Mrs. K. Selvi** Assistant Professor
 For Participating in the One-Week Short Term Training Program (STTP) on
 "Transformative AI Tools for Research Writing: Comprehensive Techniques and Best Practices"
 Jointly Organized by MLR Institute of Technology, Hyderabad, Telangana, India & RSP Science Hub, Coimbatore, Tamil Nadu, India during September 26th - October 05th, 2024.

National Handloom Day Celebrations
 HANDLOOM FASHION SHOW Season-7
 THE CERTIFICATE OF PARTICIPATION
 This is to certify that Mr./Mrs. **SREESANTH S**
 Pursuing **B.E. CIVIL** Course
 From **NANDHA ENGINEERING COLLEGE**
 City **ERODE** has Participated in the Zonal Level Handloom Fashion Show - 2024, Season-7.

- ✓ V. Gokulan, a final-year student, has been *appointed as the Secretary* of the Centre for Innovation and Product Development (CiPD).
- ✓ Dr. E. K. Mohanraj has *published a patent* titled “Real-Time Concrete Crack Detector” with Design No. 401664-001, dated 29.05.2024.
- ✓ The Civil Engineering Department underwent an *audit* conducted by the Principal to evaluate and monitor the effectiveness of the course curriculum, teaching methodologies, and overall academic performance. This initiative aimed to ensure that the program meets educational objectives, maintains quality standards, and fosters continuous improvement for the benefit of the students on 17.10.2024.



- ✓ S. Umar, second year student has got *Second Prize in CADD Contest* at Salem College of Engineering and Technology, Salem on 18.10.2024.
- ✓ Intra Department Event was conducted with various events for the Civil Engineering Department on 19.10.2024.
- ✓ Dr. R. Murugesan, Professor, has taken students for a **Local Visit** for the course *Highway and Railway Engineering* @ Ring Road Extension work, Thindal on 23.10.2024.



- ✓ Authorities from the *Southern Railways* have verified the cube testing process as part of consultancy projects on 25.10.2024.
- ✓ A *blood donation camp* was conducted on our campus on 26.10.2024.
- ✓ Dr. E. K. Mohanraj and Mr. M. K. Kamalakkannan have *published a paper in the journal* article titled 'Investigating the Influence of Various Metakaolin Combinations with Different Proportions of Pond Ash and Alccofine 1203 on Ternary Blended Geopolymer Concrete at Ambient Curing' in the *International Journal of Concrete Structures and Materials*, Volume 31, Pages 62877-88 (2024), Springer - Science Citation Index Expanded.



Investigating the influence of various metakaolin combinations with different proportions of pond ash and Alccofine 1203 on ternary blended geopolymer concrete at ambient curing

Research Article | Published: 26 October 2024

Volume 31, pages 62877–62888, (2024) [Cite this article](#)

Yuvaraj Kandasamy ✉, Mohanraj Erode Krishnasamy, Kamalakkannan Moongilpatti Krishnasamy & Kumaravalasu Subramaniam Navaneethan

- ✓ The Biomedical, Chemical, and **Civil Engineering** Departments have successfully been accredited under the UG Program Tier-I category, recognizing their commitment to high-quality education and academic excellence.

NANDHA
Engineering College (Autonomous)
Affiliated to Anna University, Chennai, Approved by AICTE, Accredited by NAAC with 'A+' Grade
Erode - 638 052.

Happy to Announce that

**BIOMEDICAL ENGINEERING
CHEMICAL ENGINEERING
CIVIL ENGINEERING**

**UG - PROGRAMMES
ACCREDITED UNDER
TIER - 1 CATEGORY BY**

NBA
NATIONAL BOARD
OF ACCREDITATION

ACCREDITATION
PERIOD
AY 2024-25 TO 2026-27

8 of our
UG programmes
accredited by
NBA

We wholeheartedly thank Our Management, Faculty, Staff, Students, Industry Partners & Recruiters for their overwhelming support in achieving this milestone...

THANK YOU !

NAAC ACCREDITATION | NPTEL Level Degree | CAREERS 3RD | OCT 2023 Outstanding Student Chapter


Dean - Civil Engg.

Copy Submitted to: The Principal, Nandha Engineering College.