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Student's Chapters



Indian Concrete Institute

&



India Chapter
of American Concrete Institute

CONCRETE NEWS

The News Bulletin from Nandha Engineering College

Department of Civil Engineering

Shaping Minds...Reshaping India...

Vol: 14 June '21 - May '22



Dr N RENGARAJAN
Principal - NEC

The truly educated individuals are capable of doing new things: they have the ability to generate ideas & turn them into the reality. Today's values based education is an approach to prepare them for the practice at the professional level & sure the Department of Civil Engineering offers the value in all aspect. And sure this would be in high aspiration to showcase their work. I wish all them the very best.

Welcome to the Fourteenth issue of Concrete News, which highlights the achievements of the Civil Engineering Department at Nandha Engineering College. Academic Year 2021-22 was a year of great achievements and carried on the momentous journey of the department Vision. As always, this academic year also saw our students bringing laurels to the institute by winning prestigious awards and prizes in various competitions. Once you read it, I'm sure you'll find them more than deserving of such an honor for the achievers.



Dr E K MOHANRAJ
Dean - Civil Engg.

Department Vision

The Civil Engineering Department is committed to rendering our students with the latest technology and modern methods to acquire knowledge and skills in all sectors to make them nationally and globally competent Civil Engineers.

Department Mission

Civil Engineering Department is committed

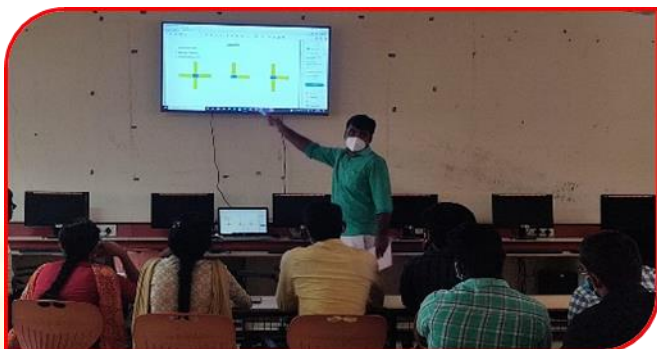
- To make highly competent and technologically capable professionals by augmenting their knowledge through interactions and camps.
- To impart education to transfer the knowledge and skills for challenging applications such as computer based analysis, design using relevant standards, execution and maintenance of life line Civil Engineering projects.
- To imbibe the leadership quality, professional ethics, environmental consciousness and social responsibilities to serve the society through co-curricular and extracurricular activities.





WORKSHOP

ICI-NEC has conducted a workshop on "Analysis of Residential Building using Structural Software" by Er R Udhayasankar, BTR Construction, Bhavanisagar for our final year students on 07th Sep '2021.



MoU

MoU has been signed between NEC-Civil Engineering and BTR Constructions, Bhavani Sagar on 23rd September 2021.



NEWS LETTER

12th issue of our Department News Letter released on 04th Oct '2021 by our Principal.



INDUCTION PROGRAMME

Lateral Entry Students Induction Programme is conducted on 11th Oct '2021 for all the Department Lateral Entry Students from our department 36 students are attended.



ONE CREDIT COURSE

ICI-NEC has conducted One Credit Course on "Vaasthu Plan" has been conducted for our III year students by Ar. A. Ramesh Kumar, Virgin Architects, Erode on 19th, 23rd & 24th Oct '2021.



FRESHER'S DAY

ICI-NEC has conducted Fresher's Day '21 for the UG & PG programmes on 27th Oct '2021. Senior students welcomed juniors and interacted mutually in the class room.





ACADEMIC SEMINAR

ICI-NEC was organized an Academic Seminar on "Concrete Design Perceptions in Civil Engineering" on 06th Dec '2021 by Dr. A. R. Krishnaraja, Assistant Professor, Kongu Engineering College, Erode gave brief session



about basics of reinforced concrete elements designing for the final year students. And he also explained about the fibre reinforced concrete and its applications in reinforced concrete elements. This program was organized to create awareness among final year students about needs of Industry expectations from them and various qualities needed for good placement. Question and answer sessions are held at end of the programme.

WORKSHOP

ICI-NEC was organized a workshop on AutoCAD by CADD Centre on 09th Dec '2021.



HANDS-ON-TRAINING

ICI-NEC was conducted a Hands-on-Training using Total Station for II Year students by our Alumni Er. T. Srivishnu and Er. G. Sabaresh on 05th Jan '2022.



WORKSHOP

Mr. N. Kumaresan and Mr. B. Jaffer Sadick, Heads, C Cube Technologies, Erode has given presentation to our II & III year students about CAD and 3D modelling on 21.03.2022.





WORKSHOP

ICI-NEC was organized Two Days Workshop on "Design Thinking and Building Design Process" by CADD Centre, Erode on 29th & 30th March 2022.



ONE CREDIT COURSE

One Credit Course was conducted for III Year students on the topic of "Total Station" by Er. T. Srivishnu, V S Survey Consultants, Coimbatore on 14th & 15th May 2022.



WORKSHOP & INTRA-DEPARTMENT MEET

ICI-NEC was organized a Workshop on "Broad Spectral Opportunities in Civil Engineering" by Er. S. L. Sivasubramanian, Bridge Engineer, AECOM Global Development Centre-India, Bengaluru on 18th May 2022.



Intra-department meet has been conducted for our students during these meet two events namely Treasure Hunt and Connexion has been conducted on 18.05.2022.



SURVEY CAMP

Survey Camp has been conducted for III Year students from 22.05.2022 to 31.05.2022 and





Hands-on-Training using Total Station has been given by Er. T. Srivishnu, V S Institute of Technology, Coimbatore during the camp.

**SKILL UPGRADATION - FACULTY MEMBERS**

- Dr. E. K. Mohanraj has participated in Webinar on “SAMANAJSYA” organized by UltraTech Cement Ltd on 4th June 2021.
- S. Gnanavenkatesh has participated in Webinar Series on “Recent Trends in the Concepts of Civil Engineering Projects” @ PSG Institute of Technology and Applied Research, CBE from 07th to 12th June 2021.
- Dr. E. K. Mohanraj has participated in National Webinar on “Self-Sustainable Low Energy Built Forms (NET Zero Building Approach)” organized by ICI-Bengaluru Centre at Maharaja Institute of Technology, Mysore on 17th June 2021.
- Dr. E. K. Mohanraj has participated in National Webinar on “Rehabilitation of Structures and Low Cost Construction in Civil Engg.” @ Dr. Ambedkar Institute of Tech., Bengaluru on 19th June 2021.
- Dr. E. K. Mohanraj has participated in Webinar on “Concrete for Energy Efficiency and Comfort in Buildings” organized by UltraTech Cement Ltd on 26th June 2021.
- V. Aravind has undergone *Innovation Ambassador Training* (Foundation Level) conducted by MoE’s Innovation Cell during 30th June to 30th July 2021.
- M. Yeswanth has attended AICTE Training and Learning (ATAL) Academy Online Elementary FDP on “Recent Innovations in Concrete Tech.” from 12th to 16th July 2021.
- M. Yeswanth has attended technical webinar on “Erection of High Rise Building” organized by Paavai Engineering College, Namakkal on 05th August 2021.
- Dr. E. K. Mohanraj has participated in Independence Day Webinar conducted by Tata Steels at Mumbai on 14th August 2021.
- K. L. Ravisankar & M. Yeswanth has participated AICTE Training and Learning (ATAL) Academy Online Elementary FDP on “Seismic Hazard Assessment and Mitigation Techniques” from 23rd to 28th August 2021 at Karpagam College of Engg., Coimbatore.
- K. Selvi has attended webinar on “Condition Survey and NDT for RCC Structures” by UltraTech Cement Ltd on 18th September 2021.
- K. L. Ravisankar has participated in Webinar on “Concrete Strength: Past 100





Years” organized by UltraTech Cement Ltd on 04th December 2021.

- Dr. E. K. Mohanraj has acted as an Executive Committee Member for the webinar program on “*Biomimicry in Civil Engineering*” conducted by Structural Engineers Association Tamilnadu (SEAT) in association with Construction Network of India (CNI) on 26th December 2021.
- A. Abdul Hameed has attended Three Days Workshop on “*Interior Design Essentials*” organised by Presidency University from 10th to 12th March 2022.
- Dr. E. K. Mohanraj has attended the Seminar on “*Curing is Good*” organised by ACI on 08th April 2022.
- K. L. Ravisankar has participated in technical webinar on “*Structural Retrofitting using Smart Materials*” @ VIT, Chennai on 29th April 2022.
- 24 No’s of papers has been published in various journals by our faculty members along with UG & PG students.



SKILL UPGRADATION / EXTRA CURRICULAR / CO-CURRICULAR ACTIVITIES - STUDENTS

- K. Saritha, I year student was honored for her active participation on “Nandha TED Talk Season I” on 24th Dec ‘2021.



- S. Aravinth, I year student had participated in Quiz Competition held at Kongu Engineering College, Perundurai on 12th April 2022.
- V. Gokulan, I year student had participated in Project Competition and secured **Second Prize** held at Erode Sengunthar Engineering College on 22th April 2022.





- S. Hariprakash, II Year student got **First Prize** in Auto CAD at MPNMJ Engineering College on 29th April 2022.
- M Naveenkumar & N Govindaraj, II Year student got **First Prize** in Quiz competition at MPNMJ Engineering College on 29th April 2022.



- P. Venkatesh, II Year student has got **First Prize** in “Water Jump” event at M. Kumarasamy College of Engineering, Karur on 29th April 2022.
- S. Hariprakash, II Year student got **First Prize** in Auto CAD at Builders Engineering College on 07th May 2022.



- V Dharmaraj & S Dharanitharan, II Year student got **Second Prize** in Paper

Presentation at Builders Engineering College on 07th May 2022.



- 17 students from I, II & III year are participated various events and workshops conducted by Anna University, Chennai from 9th to 11th May 2022.



- K Saritha & S Tamizharasi, I Year students has won **First Prize** in Technical Quiz held at Excel Engg. College on 13th May 2022.





- V Gokulan, I year has secured **Second Prize** in Project Presentation held at Shree Venkateshwara Hi-tech Engineering College, Gobi on 29th May 2022.

PLACEMENT DRIVE AT NEC

- S. Balakrishna, Final Year student who got **Dual Placement @ Wipro & Infosys** with the package of 3.6 LPA.
- R. Akash, IV Year student has been appointed as **"Trainee Engineer"** in Babu Builders and Contractors for a period of 6 months from 01st Oct '2021 onwards.
- 09 Nos. of Final Year students has attended Interview @ **Renaatus Projects Pvt. Ltd, Erode** and three of them selected as Site Engineer, namely S. Mouleeshwaran (17CE027), J. Kaviarasan (17CEL04) and P. Ravichandran (17CEL06) with a salary of Rs.10,000/Month.
- T. Pavin (18CE014) has selected as Junior Engineer @ **Teemage Precast, Tiruppur** on 17th March 2022.

PALS

- Dr. E. K. Mohanraj has successfully performed the duties as an Executive Committee Member in PALS Partner Institutes.
- KU. Manikandhan, AP has attended FDP on "PALS-Virtual Labs" initiatives with NIT-K, Surathkal from 27th to 29th Sep '2021.
- KU. Manikandhan, AP has attended webinar for entrepreneurs conducted by PALS innoWAH on 06th October 2021.

- 4 No's of Civil Engineering II year students has been selected for "PALS-innoWAH" for the event "for the pitch your point" on 29th & 30th October 2021.

INTERNSHIP

- R. Aravinthan and S. Balakrishna, IV year students have joined three months training program in **Construction Management Training Institute (CMTi)** at **Bengaluru** from 19.07.21 onwards.



- S. Abinaya (18CE001) has been selected for an **Internship** from 30th August onwards with a stipend of Rs 7500 per month @ Home Lane Interiors, Coimbatore. During this internship period, she was designated as a Junior Design Partner (JDP).





- D. Anbarasu (18CE005) got *Internship* at Precise Builders & Constructions, Chennai for a period of three months from 22nd Sep 2021 onwards.
- 13 No's of Final Year Students were going for Internship in various companies with a stipend.

ENTREPRENEUR

S. Vignesh (18CEL11), Final Year student has completed his Residential Project as a Student cum Civil Engineer at Erode.

P. Surya (18CEL08), Final Year student as a Contractor, Constructing First Residential Project (G+1) @ Tiruppur.



INVITED TALKS

- Dr. E. K. Mohanraj has been invited as a Technical Speaker titled 'Approach of Structural Detailing in Constructions' by Salem Civil Engineers Association held at Salem on 24th August 2021



AWARDS / ACHIEVEMENTS

- Our Civil Engineering department has been awarded by American Concrete Institute (ACI) - **Outstanding University Award 2020** for the second consecutive time for the excellent performance in students chapter activities related to ACI by Students and Faculty members.



- M. S. Jacintha of Second Year and S. Jeevanantham of Third Year got **Merit Scholarship Amount of Rs.15,000** each for the year 2021 from IC-ACI Students Chapter, Mumbai.



- Dr. M. Mythili has selected INSC **Research Excellence Award 2022** for her research article titled "Tara Chatterjee: Am Exemplar of Mongrel Existence in Bharati

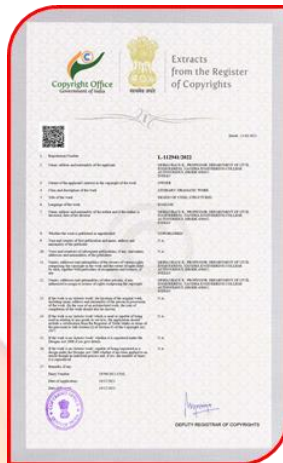




Mukherjee's Desirable Daughters" by Institute of Scholars, An International Publishers, Bengaluru.



- Copyrights have been received for Design of Steel Structures (L-112941/2022) by Dr. E. K. Mohanraj & Manual for Concrete and Highway Engineering Laboratory (L-113132/2022) by K.L. Ravisankar from Govt. of India.



ALUMNI CORNER

- M. Gnanasekar (2015-19), Alumni has got a **GATE score of 31.9** with AIR of 13156 out of 115270 and he joined M.E.(EE) @ GCT, Coimbatore with a monthly stipend of Rs.12,400/-.



- Er. P. Vignesh (2014-2018), Alumni working as an Inspector QA/QC Engineer at NBTC, Abu Dhabi has interacted with our students about job opportunities in Gulf countries.



- Er. M. Soundarrajan (2017-21), Alumni working as an Measurement Executive @ Home Lane Interiors, Coimbatore has interacted with our students about the Scope of Design Works in Civil Engineering on 25th Sep 2021.
- Er. C. Vijay (2017-2021), Alumni is working as a Project Engineer, Clifton Infrastructure Pvt. Ltd has interacted with





our First Year students and gave a valuable guidance and suggestions about Civil Engineering field.



- NEC-Civil Engineering Department conducted Alumni Meet on 26th Nov 2021.



- Er. A. Bavaganesh (2014-2018), Alumni has interacted with our first year students about the Abroad Opportunities for Civil Engineering on 28th Feb 2022.



- Er. E. Jayanth (2015-2019), Alumni is working as a Project Manager, LIVSPACE INTERIOR, Kerala has interacted with our students on 12th April 2022.

- C. G. Saranbabu (2017-21) got PG (M.E. Environmental Engineering) admission at GCT, Coimbatore through TANCET Score.

Tamil Nadu Common Admissions 2021
PROVISIONAL ALLOTMENT ORDER FOR
M.E./M.Tech./M.Arch./M.Plan. DEGREE PROGRAMME*

The candidate is informed that he / she has been PROVISIONALLY allotted as per the option exercised for admission to the First Year PG Degree Programme, College and Branch as detailed below.

Application No.	34404
Name of the Candidate	SARANBABU C G
Community	SCA
Category	1 - GOVERNMENT/GOVERNMENT AIDED
Programme	M.E./M.Tech./M.Arch./M.Plan.
College Allotted	2005 - GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE (AUTONOMOUS) PACAGAM ROAD, COIMBATORE DIST. PIN - 641013, TAMILNADU
Course Allotted	1005 - ENVIRONMENTAL ENGINEERING
Quota	SC - Academic - TANCET
Admission ID	ET894554-1365-4205-9193-9ec229477758

* The candidate should contact the Principal/Dean of the above college allotted for further admission process on or before 30-01-2022.

* The candidate who do not report for admission to the college on the stipulated date will lose the seat and cannot claim the seat afterwards.

Secretary
TANCET

- Design Project review for our Final Year students were conducted by our Alumni Er. R. Udhayasankar, BTR Constructions on 03rd Oct '2021.

FLAG DAY

- Our II and III Year students have actively participated for collecting funds for Flag Day through Students Welfare Committee on 03.12.2021.



ஈரோடு நந்தா பொறியியல் கல்லூரியில் புரிந்துணர்வு ஒப்பந்தம்



ஈரோடு, ஆக.14- ஈரோடு நந்தா பொறியியல் கல்லூரியின் கட்டிட வியல் பொறியியல் துறை சார்பில் மாணவர்களின் தனித்திறனை மேம்படுத்தும் வகையில் சத்தியமங்கலத்தில் செயல்பட்டுவரும் பி.டி.ஆர் கட்டுமான நிறுவனத்துடன் "புரிந்துணர்வு" ஒப்பந்தம் மேற்கொள்ளப்பட்டது.

புரிந்துணர்வு ஒப்பந்தத்தை தலைவர் வி.சண்முகன் தலைமையில் நடைபெற்ற இப்புரிந்துணர்வு ஒப்பந்தத்தில் பி.டி.ஆர் கட்டுமான நிறுவனத்தின் தலைவர் ஆர். உதயசங்கரன் சிறப்பு விருந்தினராக கலந்து கொண்டு புரிந்துணர்வு ஒப்பந்தங்கள் செய்வதன் தேவைகளையும் அதன் மூலம் மாணவர்களுக்கு கொடுக்கப்படும் பயிற்சிகள் பற்றியும் எடுத்துரைத்தார்.

பின்னர் கல்லூரியின் முதல்வர் என். ரெங்கராஜன் முன்னிலையில் கட்டிட வியல்

பொறியியல் துறைதலைவரும் கல்லூரி கல்வி அமைப்பின் புலமுதல்வருமான முனைவர் ஈ.கே.மோகன்ராஜ் மற்றும் சிறப்பு விருந்தினர் ஆர். உதயசங்கரன் ஆகியோர் புரிந்துணர்வு ஒப்பந்த கோப்புகளில் கையெழுத்திட்டு பரிமாற்றிக்கொண்டனர்.

மேலும் புரிந்துணர்வு ஒப்பந்தத்தை செயல்படும் நந்தா கல்வி பிரதிப, நந்தா கல்வி நிறுவனங்களின் செயலர் எஸ். திருமுத்தி, முதன்மை நிர்வாக அதிகாரி முனைவர் எஸ்.ஆறுமுகம் மற்றும் நந்தா தொழில்ப வளாகத்தின் இயக்குனர் முனைவர் செந்தில், ஜெயவேல் ஆகியோர் வாழ்த்துரை வழங்கி சிறப்பித்தார்கள். இந்நிகழ்வில் கட்டிட வியல் பொறியியல் துறை சார்பு உதவி பேராசிரியர்கள், பேராசிரியர்கள் மற்றும் மாணவர்கள் சுமார் 120 க்கும் மேற்பட்டோர் கலந்து கொண்டு பயன் அடைந்தார்கள்.



நந்தா என்ஜினியர் கல்லூரிக்கு

சர்வதேச விருது

ஈரோடு, ஆக.18- ஈரோடு நந்தா என்ஜினியர் கல்லூரியின் கட்டுமான பொறியியல் துறையில் கடந்த 2017-ம் ஆண்டு அமெரிக்க கான்கிரீட் நிறுவனத்தின் மாணவர் பிரிவு தொடங்கப் பட்டு செயல்பட்டுவருகிறது. இந்த மாணவர்களுக்கு சர்வதேச, தேசிய, மாநில அளவிலான பல்வேறு தொழில் நுட்ப கருத்தரங்குகள், கான்கிரீட் ஆய்வு பணிகள் ஆண்டு தோறும் நடத்தப்பட்டு வருகின்றன. அமெரிக்க கான்கிரீட் நிறுவனம் சார்பில் நடப்பு கல்வி ஆண்டுக்கான பல்வேறு சர்வதேச அளவிலான போட்டிகள் நடத்தப்பட்டன. இதில் உலகின் பல்வேறு நாடுகளை சேர்ந்த என்ஜினியர் கல்லூரி நிறுவனங்கள் பங்கேற்றன. அதில் நந்தா என்ஜினியர் கல்லூரி உள்பட மொத்தம் 66 கல்வி நிறுவனங்கள் விருது பெற்றன. மேலும், அமெரிக்காவின் கான்கிரீட் நிறுவனத்தின் இந்திய அத்தியாயம் மூலமாக எம்.எஸ். ஜெசிந்தா, எஸ்.ஜீவானந்தம் ஆகியோருக்கு அகாதமி முதன்மை விருதுகள் வழங்கப்பட்டன. இந்த விருதுடன் ரூ.30 ஆயிரம் பரிசு தொகை

வழங்கப்பட்டது. சாதனை புரிய உறுதுணையாக இருந்த அமெரிக்க கான்கிரீட் நிறுவன மாணவர் பிரிவு ஆலோசகர் ஈ.கே.மோகன்ராஜ், உதவி பேராசிரியர் மணிகண்டன் ஆகியோருக்கு நந்தா கல்வி அறக்கட்டளை தலைவர் வி.சண்முகம், செயலாளர் நந்தகுமார் பிரதிப, நந்தா கல்வி நிறுவனங்களின் செயலாளர் எஸ்.திருமுத்தி, முதன்மை நிர்வாக அதிகாரி எஸ்.ஆறுமுகம், கல்லூரி முதல்வர் ரங்கராஜன், நந்தா தொழில்நுட்ப வளாகத்தின் இயக்குனர் செந்தில் ஜெயவேல் ஆகியோர் பாராட்டு தெரிவித்தனர்.

MoU in Nandha Engineering College, Erode



On behalf of improving the uniqueness of students, the Department of Civil Engineering from Nandha Engineering College makes a MoU with BTR Constructions which is active in Sathyamangalam. The MoU programme was led by Thiru. V.Shanmugan, Chairman of Sri Nandha Educational Trust. And Mr.R.Udayasankar M.D of BTR Construction was attended the event as a chief guest and delivers a talk about the needs of MOU and the tasks like In-plant Training, Internship, Industrial Project, Value Added Courses, One Credit Courses and Hands-on-Training programs etc.. In the presence of Dr.N.Rengarajan, Principal of Nandha Engg. College, the MoU Agreement files were signed by Dr.E.K.Mohanraj, Academic Dean and Head of the Civil Engg. Dept. with the chief guest Mr.R.Udayasankar. Further, the greetings for the event were given by the Secretary of Sri Nandha Educational Trust Mr.S.Nandhakumar Pradeep, The Secretary of Nandha Educational Institutions Mr.S.Thirumoorthi, CEO, Dr.S.Arjunugam and The Director of Nandha Tech Campus Dr. Senthil Jayavel to all the audience present in the premises.

International Award for NEC



ERODE AUG 17:

The students wing of American Concrete Institute has been working in the field of Civil Engineering department of Nandha Engineering College since 2017. Various technical seminars and concrete research workshops are conducted annually at the international, national and

state levels for the students under this section.

The institute has presented awards to 66 engineering academies operating in various countries around the world by conducting international level competitions during the current academic year. The Department of Civil Engineering, Nandha College

of Engineering is one of the educational institutions that has received such an award.

In addition, students of 2nd and 3rd year students MS Jesintha and S. Jeevanandam have been awarded the Academy Prize by the Indian Chapter of the Concrete Institute of America. The award carries a cash prize of

Rs. 30,000 prizes.

Mr. V. Shanmugan, Chairman, Sri Nandha Foundation, Mr. S. Thirumurthy, Nandakumar Pradeep, Secretaries, Nandha Educational Institutions, N. Rengarajan, Principal of the College congratulated the award winners.



NANDHA ENGINEERING COLLEGE

(An Autonomous Institution Affiliated to Anna University, Chennai & Approved by AICTE, New Delhi)

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