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Indian Concrete Institute
Student's Chapter

CONCRETE NEWS

The News Bulletin from Nandha Engineering College

Department of Civil Engineering

Shaping Minds...Reshaping India...

Vol: 2 | Jan - Jun 2014



Dr S ARUMUGAM
Principal - NEC

The two major qualities of a truly educated individual are the ability to think with clarity and intellectual inquisitiveness. Today the value based education is the only help for synthesizing the moral fabric of individual and sure the young Department of Civil Engineering offers the value based education in all aspects.

I'm sure this edition is the great effort to showcase their efforts. I wish all them the very best.

Welcome to the second issue of Concrete News, which highlights the achievements of the Civil Engineering Department at Nandha Engineering College. Even Semester 2013-14 was a semester of great achievements and carried on the momentous journey of the departments Vision. As always, this semester 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.

Vision

- To make highly competent and technologically capable professionals by augmenting their knowledge through interaction and comps.
- To impart education to transfer the knowledge and skills for challenging application 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.

Mission

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

GUEST LECTURE ON GROUND WORK FOR GATE '15

The ICI-NEC conducted Gate Exam Training for the Pre-Final Year Students on 11th January 2014 by **Mr. K. C. Maharudra Swamy**, Business Development Executive, **THE GATE ACADEMY** (A Forum of IIT & IISc Graduates), Bangalore. This training helped the students to acquire knowledge about the competitive exams, and to understand the importance of GATE exam and gave confidence to write the GATE exam. They conducted online inspirational class in which they listed out the GATE toppers Interviews and they shared their experience with us. This introduction class made the students to write the GATE exam and they had given some tricks to succeed in aptitude sectors. Further they gave some offers to join in their academy.



In this one day GATE forum introduction class students acquired knowledge about competitive exams and expressed their deepest appreciation to GATE academy for imparting this training.

IN-PLANT TRAINING

The ICI-NEC has arranged a one week in-plant training for the students at **Dalmia Research centre**. A batch of five members from second year has undergone in-plant training from 6th January to 11th January 2014. The laboratory is fully equipped with latest equipment available in the market for analyzing the raw material.



Trainer is an expertise from testing of raw materials who taught us the information regarding chemical composition of cement, various types of aggregates and characteristics of concrete. During the training the students acquired wide knowledge



on testing of raw materials like cement, coarse, fine aggregates and concrete. The various equipment have been implemented in the

laboratory for world class testing. In the period of 6 days the practical difficulties in testing of materials for construction has been analyzed. The Engineers got prior experience in R&D laboratory before the students step into the practical exposure. No doubt the entire training seemed to be an interesting week with number of ideas incorporated to reshape them a better engineer to come up with innovation.

GUEST LECTURE ON A PHILOSOPHICAL SECRET OF PYRAMIDS

The ICI-NEC conducted a guest lecture on “Psychological Secrets of Pyramids” on 27th January 2014 by **Mr. M. Rabi Ahamed, Director - Research, Universal Peace Foundation, Tirumoorthi Hills, Founder of Indian Institute of Pyramidology & Member in Institute of Myanik Science.** This program helped the students to acquire knowledge about the construction of pyramids in various location of world. He gave the detailed explanation about the interior dimensions,



construction materials and ceiling level of pyramids. In addition he said that he went to pyramid for his PhD research and the results of that research helped the students to understand the concept of King's Chamber and Queens's chamber which are considered to be the secrets of pyramids.

He described about the importance of yoga and meditation in life. He had also explained the theory of Cosmic rays related to human health improvement. This motivational address made the students to know the importance of pyramid construction and its relationship to the health improvement in humans.



In this one day program students had acquired knowledge about Pyramids and expressed their deepest appreciation to Prof. M. Rabi Ahamed for imparting this program and also profusely thanked the Management, Principal, Dean and Head of the Department for conducting such a useful Program for them.

NATIONAL LEVEL TECHNICAL SYMPOSIUM

A National level Student Technical Symposium REICONS'14 was organized by the Department of Civil Engineering in association with Indian Concrete Institute on 14th February 2014 at the conference hall of the college. The Event was inaugurated by **Er.K.Rajeevan, Chief Engg. Manager, Larsen & Toubro Ltd, Chennai** and **Dr.S.T.Ramesh, Associate Professor, Civil Engg, National Institute of Technology, Trichy.** The Chief Guest was honoured with a shawl by

Dr.S.Arumugam, Principal, Dr.E.K.Mohanraj, Dean presented memento to the Chief Guest and



Ms.N.Vanathi, Convener welcomed the gathering. The Chief guests Er.K.Rajeevan and Dr.S.T.Ramesh delivered Technical Speech on “Modern Equipments and Techniques used in Civil Engineering and Importance of Civil Engineer in the Modern World”.



During this occasion, the Chief Guest Er.K.Rajeevan released the Concrete News Bulletin to our Dean Dr.E.K.Mohanraj and Dr.S.T.Ramesh released the Souvenir to our Principal Dr.S.Arumugam. Events like Paper presentation, CADD Contest, Poster presentation, Quiz Competition, Treasure Hunt were conducted.

There was wide spread participation of students from 80 Colleges across TN.



The guest distributed certificates and prizes to winners of various competitions and Mr.S.V.Arun Prasanth, Student Joint Secretary delivered the activities conducted for the academic year 2013-2014. The event concluded with rendering vote of thanks by Mr.V.Akash, final year student.



PLACEMENT TRAINING PROGRAMME

The ICI-NEC conducted Placement Training on 18th February 2014 for the Pre Final & Final Year Students by Mr. J. Anand Prabhu, Placement Trainee. The Training helped the students to learn about the real aspects of Placement sector. He conducted various events which helped the students to abandon their fear, shyness and improved their self-confidence towards Interviews.



He had also given instructions about how to behave inside the Interviews and expressed how to speak fluently and boldly in the Interviews. This training provided great opportunity for our students to improve their Aptitude Knowledge and Personality Development.



In this One day Training, Students enjoyed a lot and expressed their deepest appreciation to Mr. J. Anand Prabhu for imparting this training.

LOCAL VISIT

Third Year Civil Engineering students under the ICI student's chapter had undergone local visit to **Constructions of Culvert Bridge and Railway Flyover Project** by Muthu Constructions & PVN Constructions, Erode on 25th Feb 2014. The site was located 3 kms from Erode, with a total length of the Culvert Bridge and Railway Fly Over is

around 15 m and 100 m under an **estimated value of around ₹ 60 Lakhs and ₹10 Crores**. The students acquired more knowledge on practical and site works. It's a major flyover and it will become one of the biggest Railway Fly Overs in Erode once the construction work is completed.



It enables the students to learn about the advanced methods of excavation of soil, machineries involved in excavations and stabilization of soil in Bridge Foundations. During the period of construction, all utilities in the vicinity which are likely to be affected will be shifted, in consultation with the departments concerned. Trees on the



road side, which infringe the working space, will be cut, after obtaining permission from the Forest Department. The 100 m stretch will be divided into sections of 15 meters. The entire project is scheduled to take 18 months. The mud from the

pile would be dumped outside the city. Construction area will be barricaded for a width of 8 meters (4 meters on either side of the median) and traffic signage boards will also be set up. Excavated earth and debris will be cleared at the same time as the work is carried out to reduce inconvenience to the public. Traffic movement will only be permitted in the space available beyond the barricaded 8 meters.



The students were much delighted to thank Muthu Constructions and PVN Constructions and the Engineer in charge for their attention towards them to give more inputs on site knowledge and on construction of Culverts as well as for Railway Flyover Project.

LOCAL VISIT

The Second Year Civil Engineering students under the ICI Student's Chapter had undergone Local Visit to **Pallipalayam Cauvery Bridge** construction on 7th March 2014. The students gained more knowledge about the massive construction of bridge. The total length of the bridge is 1 km which is planned to establish with the help of 16 piers. This visit helps the students to

know about the bridge construction and types of reinforcement used in it.



It is a three lane bridge. Each pier is raised above isolated footing and the 32 mm reinforcement bars are used. The bridge is brought to interlock with the old bridge present near to it. This bridge costs around 16 Crores.



LOCAL VISIT

The Third year Civil Engineering students under ICI Student's Chapter visited the construction of **TEX VALLEY MALL** at Gangapuram, Erode on 15th March 2014. The construction site is located at Gangapuram (10 kms from Erode). The total project is about an area of 6.5 acres under an estimated value of Rs.400 Crores. The Lotus and URC Group are the project promoters and it is

coming up under the private-public partnership. The students get knowledge regarding the practical works including cantilever projection, sewage treatment and expansion joint.



The objective of the visit is to acquire knowledge about construction building and its construction techniques. It gives real life exposure to the students about modern methods used in the construction. The total area of super market building (lower & upper basement, G+3) is about 2 lakhs sq.ft in each floor. The estimated cost of construction is around Rs.140 Crores. The total area of weekly market building (G+3) of each floor is about 80,000 sq.ft. In this project the crusher sand is used as a fine aggregate instead of using river sand. There are two unique specialties in this project. The first one is the cantilever beam of length 6.8 meter and is provided by using portable hanging method. And the second is that there is no expansion joint provided even the span of the building is beyond 100 meter. In addition to that the sewage treatment plant is to be constructed for the recycling of waste water. Twenty five lifts, 12

escalators & staircases are provided in the construction building.



The building is constructed as a framed structure and electric vibrators are used for proper compaction in slabs. It will be the largest TEXTILE MALL in SOUTH INDIA, once the construction works are completed.



This industrial visit gave the students a broad practical knowledge about the construction and also about the implementation of various techniques of construction in Civil Engineering projects. The Engineers gave a detailed explanation on masonry work, foundation details, cantilever beam, expansion joints, brick work and readymade concrete mix plant. The students thank

M/s URC constructions Pvt. Ltd for providing them a wonderful opportunity for this visit to develop their knowledge in practical aspects.



WORLD WATER DAY RALLY ON WATER CONSERVATION

Under the ICI-NEC, Second Year Civil Engineering students participated in a **Rally on Water Conservation** on the occasion of World Water Day on 22nd March 2014 from VOC Park to



Erode Government Hospital organized by **Confederation of Indian Industry (CII) and Young Indians (YI - We can We will)**. Mr. P.C. Duraisamy Founder and Chairman of CII, Erode zone and Managing Director of Sakthi Masala Pvt. Ltd addressed the gathering on the

importance and usage of water. He flagged off and started the rally. Mr. G. Gopalakrishnan, District Environmental Engineer of Tamil Nadu Pollution Control Board, Erode District.



Mr. SKM. Shree Shivakumar, Chairman CII Erode zone & Managing Director SKM Egg Products Export India Pvt, Ltd and Dr. K.M. Abul Hasan, former Chairman, CII Erode Zone & Managing director of City Hospital also addressed the gathering. During rally students give notices & bills about water conservation awareness to public at the places of bus stand and signals.



INDUSTRIAL VISIT

The ICI-NEC had undergone an Industrial visit to **SSM Builders & Promoters, Chennai** on 29th

March 2014. A team of 53 students accompanied by 3 faculty members reached the site in the morning. The excited visit starts with two groups of twenty five members each to all its construction area.



The construction was started on 13th July 2013 and they planned to complete before 16th January 2016. It is the construction of residential cum commercial building. The total area of this project is about **90 acres** out of which the construction area is about 50 acres. And remaining area is for construction of SSM Medical College. **The total worth of this project is about Rs.1670 crores.** In this project bricks are replaced by solid blocks. They manufacture solid blocks of their own.



They installed Ready Mix Concrete (RMC) plant in their site for their often usage. The whole construction involves framed structure type buildings of concrete grades up to M45. The students can able to get an overview about each construction activities right from marking, excavation till the completion of the work. Finally the students thanked the Project Manager and Site Engineers for their guidance.



All the students were immensely thankful to the faculty members, HoD, Dean of Civil Engineering department who made the day successful. No doubt the day seemed to be an interesting day with number of ideas incorporated into the generations to come for innovation.

INDUSTRIAL VISIT

The ICI-NEC visited the Institute of **Karnataka Engineering Research Station at Mysore** on 29th March 2014. The KERS Institute is located in Srirangapatnam at a distance of 10 kms from Mysore. The KERS Institute is headed by Er.Swaminathan, Executive Engineer, KERS Institute, Mysore. We get knowledge regarding the

practical research like soil mechanics, strength of mechanics & concrete testing laboratory.



It gives real life exposure to our civil engineering students about modern methods used in the construction. There are several engineers in various sections. By the help of Er.Swaminathan we went several sections to know about it. In soil mechanics we got the knowledge about swell pressure, plastic limit, liquid limit, and various size of sand like fine, coarse & medium sand. In concrete testing laboratory engineer explained about NDT, Ultrasonic Pulse Velocity testing machine. The pre-final year students thanked the Executive Engineer Er.Swaminathan, KERS Institute for providing them a wonderful opportunity for this visit to develop their knowledge over practical aspects.

R&D ACTIVITIES

- Ms. S.Janani of Civil Engineering Department was selected for **PhD Programme** under **Anna University, Chennai** on 07th April 2014.
- Seminar Proposal submitted in the title of 'Recent Trends in Behaviour of Cold Formed

Steel Structures' on **CSIR - Human Resource Development Group** at New Delhi by **Dr.E.K.Mohanraj & S. Janani** on 11th June 2014.

PAPER PUBLISHED / PRESENTED

- A technical paper was presented in International Conference on Advances in Materials and Techniques in Civil Engineering at Sri Krishna College of Technology in the title of "Strength Evaluation of Concrete by Partial Replacement of Cement with Fly ash" by Dr.E.K.Mohanraj & Ms.K.Bhuvaneswari ON 10th January 2014.
- A technical paper was presented in International Conference on Disaster Management in the Department of Civil Engineering at **St. Peter's University, Chennai** in the title of "Strength Evaluation of Concrete by Partial Replacement of Aggregates" by Dr. E.K. Mohanraj & Ms.K.Bhuvaneswari on 23rd January 2014.
- Mr. J. Manoj Babu of first year M.E presented a paper on the title "Intelligent Transport System" at Kamarajar Engineering College, Virudhunagar on 25th January 2014.
- M.K.Kamalakannan & team of PG-I Year students presented a Paper in the National Conference on "Emerging Trends in Civil Engineering" at MPNMJ Engineering College, Chennimalai on 29th March 2014.
- M. Preethi, M.K. Kamalakannan, M. Dhaarani, S.Gomathi, P.Karthi, J.Monajbabu &

S.Santhoshkumar of PG-I Year students presented a Paper in the National Conference on “Latest Advances in Civil Engineering for Sustainable Developments” at SNS College of Technology, Coimbatore on 10th April.

- P.Karthi,A.Karthi,M.Gunavel,M.ParvinBarkat, V.Jeevanantham & M.Ragavan of PG I year students presented a Paper in the National Conference on “Contemporary Issues in Construction Management, Environment, Geotechnical & Structural Engineering” at Erode Sengunthar Engg. College, Thudupathi on 12th April 2014.
- S.Gomathi & M.Gunavel, PG I year students presented two papers in 2nd National Conference on “Trends & Sustainable Development in Civil Engineering” at KSR College of Engg., Tiruchengode on 3rd May.
- A paper has been accepted for “International Conference on Construction Materials at University of Auckland Park, South Africa in the title of “Performance Study on the effect of Waste Materials on the Workability of CFST Sections” which is to be held on Nov 2014 by Dr.E.K.Mohanraj.
- A paper has been accepted for “International Conference on Urban Drainage” ICUD - 2014 in the title of “Experimental Study on Latest Eco-Friendly Concrete by Replacement of Aggregates” which is to be held on Dec 2014 at Malaysia by Dr. E.K.Mohanraj.

GUEST LECTURES DELIVERED / JURY

- **Dr.E.K.Mohanraj** was a **Chief Guest** for Class Day Celebration @ Nandha Central School, Perundurai on 28th February 2014.
- **Dr.E.K.Mohanraj** delivered a **Special Lecture** on “Strength of Materials” at Sasuri College of Engg., Vijayamangalam on 12th March 2014.
- **Dr. E. K. Mohanraj** went to National Level Technical Symposium as a **Jury** at NSN College of Engg. & Tech., Karur on 19th March.
- **Dr. E.K. Mohanraj** delivered a **Guest Lecture** on ‘Design of Steel Structures’ at MPNMJ Engineering College, Chennimalai on 22nd March 2014.
- **Dr.E.K.Mohanraj** went to National Conference as a **Jury** at Sengunthar Engg. College, Tiruchengode on 25th March 2014.
- **Dr.E.K.Mohanraj** delivered a **Special Lecture** on “Design of Steel Structures” at Sasuri College of Engg. on 08th April 2014.
- **Dr.E.K.Mohanraj** participated in an interview on ‘Enna Padikalam? - Live Programme in Sun News Channel, Chennai on 27th June 2014 from 12.30pm to 1.30 pm.



SKILL UPGRADATION-FACULTY MEMBERS

- A One Day Workshop on “Damage Control Strategies for Earthquake Prone Structures” was attended by N. Atthikumaran & K. J. Pradeep Kumar at NSN College of Engineering and Technology, Karur on 8th January 2014.
- Mrs. K. Selvi & Mrs. S. Janani along with 12 UG-II Year students and 8 PG-I Year Students attended a one day national workshop on “Soil Mechanics and Foundation Engineering” at Bannari Amman Institute of Technology, Sathy on 24th January 2014.
- Mr. N. Atthikumaran and Mr.P.Shankar attended Faculty Development Programme on “You Brahma” at Nandha Engineering College on 24th January 2014.
- 2 Staff Members (Mr. N. Saravanababu & Mrs. S. Kalpana) with 9 Second Year Students attended a one day workshop on “Green & Energy Efficient Buildings” at Nehru Institute of Tech., Coimbatore on 21st February 2014.
- Dr.E.K.Mohanraj, K.Selvi & K.J.Pradeep Kumar attended Faculty Empowerment Programme by Dr. Samuel Johnson, VIT-Chennai at NEC on 20th March 2014.
- K. Prakash has attended TFSC Innovation Voucher Programme conducted by Erode District Small Scale Industries Association Innovation meeting at Erode on 29th April.
- S.Sankar & P.Shankar, Asst.Professors attended TEQIP sponsored Faculty

Empowerment Programme on Software Application in Civil Engineering at CIT, Coimbatore from 2nd May to 8th May 2014.

- Dr.E.K.Mohanraj, K.Prakash, K.Selvi, S.Janani & S.Kalpana attended Guest Lecture on “Overview of Data Analysis” by Dr.Premamuthusamy, Director In-charge, Survey Research Centre, VIT University, Vellore on 10th May 2014.
- N.Atthikumaran attended FDP on “Structural Analysis – I” at Institute of Road and Transport Technology, Erode from 16th June 2014 to 21st June 2014.
- K.Prakash attended Workshop on Valuation for Bank at Institution of Valuers, Erode Branch on 2nd June 2014.
- Dr.E.K.Mohanraj & K.Prakash attended 15th Edition of ICTACT Bridge 2014 - Technology and Leadership at Hotel Le Meridien, Coimbatore on 25th June 2014.

SKILL UPGRADATION - STUDENTS

- V.Akash, V.Arivu Thiravida Selvan, P.Boopathi, P.D. Tharanikumar & V.Yuvaraj participated in workshop on “Advances in Geotechnical Earthquake Engineering” at National Institute of Technology, Trichy on 8th January & 9th January 2014.
- G.Dinesh Kumar and team of 4 members attended a one day workshop on “Application of Remote Sensing and GIS in Civil Engineering” at EBET Group of Institutions, Kangeyam on 10th January 2014.

- J. Monaj Babu & S. Santhosh Kumar of PG Structural Engineering First Year Students attended the National Conference on “Prefabricated Structures” @ Karur College of Engineering, Karur on 6th February 2014.
- 5 Nos. of I Year students presented a paper in SALVAGERS '14 and attended a workshop on ‘Industrial Safety and First Aid Training’ organised by KSR College of Engineering, Tiruchengode on 4th & 5th March 2014.
- S.Rajesh, P.Krishnakumar, M.Vijay & C.Naveen Kumar of Second Year Students attended a one day national workshop on “Total Station & GPS” at Sengunthar Engineering College, Tiruchengode on 8th March 2014.
- 7 Nos. of Second Year attended Workshop on “Total Station in LIONZERA 2K-14” at Bannari Amman Institute of Tech., Sathy on 10th March.
- 5 Nos. of Third Year Students and 5 Nos. of Second Year Students along with 2 Staff Members (N. Saravanababu & P. Shankar) attended Seminar on “Nuclear Power Plant and its Safety Aspects” at Vellalar College of Engg & Tech, Thindal on 13th March 2014.
- V.Rajkumar of Third Year Student attended Workshop on “Remote Sensing & GIS” at Amirtha University, Coimbatore on 14th March.
- H.S.Guruprasath, U.Pragathesh, K.Suguvanan & SanjuYumnam of Second Year Students attended Workshop on “Bridge Design and Fabrication” at VIT University, Vellore on 14th March & 15th March 2014.
- 6 Nos. of Third Year Students attended Workshop on “Current Practices in Civil Engineering” at Sona College of Technology, Salem on 21st March 2014.
- P.D. Tharanikumar & Team final year students presented their project on ‘HVFA based bacterial concrete for sustainable solutions-An experimental study’ in ‘**ICTACT Innovator Award 2014**’, Chennai on 14th June 2014.
- Value Added Course on ‘STAAD.Pro’ was conducted for Final Year students by CADD Centre, Erode from 16th June 2014 to 21st June 2014.
- Value Added Course on ‘AUTOCAD’ was conducted for Third Year students by CADD Centre, Erode from 16th to 21st June 2014.
- 4 Nos. of PG Students attended ‘Internship Training’ at CSIR-SERC, Chennai.
- In-plant Training was undergone by UG & PG students on June 2014.
- Ms.Sangamitra, Trainee, KKM Software, Chennai gave Demo on ‘AUTOCAD’ for Second Year students on 23rd June 2014.
- Mr.Suresh Anand, Trainee, C CUBE, Erode started Value Added Course for Second Year students on 24th June 2014.

ACHIVEMENTS / AWARDS

Annual Appraisal Day function was conducted on 24th June 2014. On that day our Civil Engineering Department has won the **First Rank & Cash Prize**

was received from Chairman, Nandha Educational Institutions by Dr.E.K.Mohanraj, Dean-Civil Engg.



The award was based on overall Academic, Extra & Co-curricular activities of both staff and students for the academic year 2013-2014.

- M. Sadhana of Final Year was shortlisted for Short Service Commission Women Technical (SSCWT- 13) for the course in **Indian Army** on 19th January.
- M. Sadham Hussain & P. Sivaraj of Second Year Students presented Paper and Banner in Dr. Mahalingam College of Engineering & Technology, Pollachi and won **II Prize** in Banner Presentation on 25th January 2014.
- N. Srinivasan & K.P. Vijaya Kumar won First Prize in Poster Presentation. N. Srinivasan & K.P. Vijaya Kumar won **I Prize** in Mono Acting and N. Srinivasan & K.P. Vijaya Kumar won **I Prize** in Connection Plus Event. M. Mahalingam & N. Dinesh Kumar won **II Prize** in Connection Plus Event @ Adhiyamaan College of Engineering, Hosur. The **Overall Championship Award** was won by Nandha Engineering College on 27th January & 28th January 2014.
- V. Akash, V. Arivu Thiravida Selvan, P.D. Tharanikumar of Final Year Students presented paper in GRADUS '2014 at Jayalakshmi Institute of Technology, Dharmapuri. The team won **II Prize** in Paper presentation and **I Prize** in Quiz on 20th February 2014.
- M. Sadham Hussain & P. Sivaraj of Second Year Students presented Paper and Banner in Dr. Mahalingam College of Engineering & Technology, Pollachi and won **II Prize** in Banner Presentation on 20th February 2014.
- V. Arivu Thiravida Selvan & P. D. Tharanikumar of Final Year Students Presented Paper in Inter-department meet conducted by Department of CSE and won **III Prize** in paper presentation on 21st February 2014.
- H. S. Guru Prasad & T. Kavim of Second Year Students won **I Prize** in Technical Quiz and won **III Prize** in ADZAP at Inter-Department Meet conducted by Department of ECE on 21st February 2014.
- A. Dinesh & R. Vijayakumar of Third Year Students won **I Prize** in Technical Quiz Competition at Inter-Department Meet conducted by Dept. of CSE on 21st Feb '2014.
- V. Akash, V. Arivu Thiravida Selvan, P.D. Tharanikumar, M. Sathish of Final Year Students and G. Gobinath, K.Kamalakaran of PG First Year Students won **I Prize** in ADZAP at Jayalakshmi Institute of Tech., Dharmapuri on 24th February 2014.

- V. Akash, V. Arivu Thiravida Selvan, P.D. Tharanikumar of Final Year Students presented a paper in GRADUS '2014 at Jayalakshmi Institute of Technology, Dharmapuri. The team won **II Prize** in Paper presentation and **I Prize** in Quiz on 24th February 2014.
- V. Akash & V. Arivu Thiravida Selvan won **II Prize** in Technical Quiz and M.Vikram won **II Prize** in Pencil Drawing Competition at Inter-Department Meet conducted by Dept. of Mechanical Engineering on 25th Feb 2014.
- M. Sadam Hussain & P. Sivaraj of Second Year Students presented a Paper, Poster & Model Making in Janson's Institute of Technology, Coimbatore and won **II Prize** in Model Making on 26th February 2014.
- A.Sathish Kumar & M. Mahalingam of Third Year Students presented paper at Erode Sengunthar Engineering College, Thudupathi. This team won **I Prize** in Paper Presentation & **I Prize** in Jointcrete. H.S.Guru Prasad & K.Suguvanan of II Year Students presented Poster and won **II Prize** on 1st March 2014.
- 6 Nos. of Third Year Students and 3 Nos. of Second Year Students presented paper & poster in IRTT, Erode. S.Anbuganesu & S.V.Rajkumar won **II Prize** in Poster Presentation. K.Nagaraj & V.Thiyaneshwaran won **I Prize** in Quiz on 4th March 2014.
- K. Nagaraj & V. Thiyaneshwaran of Third Year Students and K.G.Thivyadevi & K.A.Dhivyasri of Second Year Students presented paper at Government College of Engineering, Salem. K.G.Thivyadevi & K.A.Dhivyasri won **I Prize** in Technical Quiz on 5th March 2014.
- K.Ramkumar & U.Pragatheesh of Second Year Students presented paper & poster at Thanthai Periyar Govt. Institute of Tech., Vellore. This team won I Prize in Connexions and **II Prize** in Dumb C on 5th & 6th March 2014.
- S.Ranjithkumar & C.Ashok of Third Year Students presented paper & poster and won **II Prize** in Cad Modelling. K.Suganthi & M.Dhivya of Third Year students presented paper and won **III Prize** at Sri Shanmuga College of Engg. & Tech., Sankari on 7th March 2014.
- R.Vijayakumar & S.Shyam Gowtham of Third Year Students presented paper at Bannari Amman Institute of Tech.,Sathy. This team won **I Prize** in Craftsman & M. Vetrivel & M. Praveen won **I Prize** in Pirate. **OVERALL CHAMPIONSHIP** was won by our students on 11th March.
- S.V.Arunprasath & K.Nagaraj of Third Year Students presented paper & poster at Mahaveer Institute of Engg. & Tech., Trichy. This team won **I Prize** in Paper & Poster presentation on 11th March 2014.
- 13 Nos. of Third Year Students presented poster at Kongu Engineering College, Perundurai. M.Santhipkumar won **I Prize** in Code Cracking, K.P.Vijayakumar won **II Prize** in Code Cracking and A.Reenaannie, M.Geetha

& E.Elavarasan won **II Prize** in Quiz on 11th March 2014.

- R.Vijayakumar & Team of Third Year Students and M.Sadham Hussain & K.Ramkumar of Second Year Students presented paper & poster at Karpagam College of Engg., Coimbatore. A.Reenaannie & E.Elavarasan won **II Prize** in Poster Presentation on 12th March.
- A.SathishKumar & Team of Third Year Students presented Paper & Poster at SNS College of Technology, Coimbatore. G.Dinesh Kumar & T.Kavin of Second Year Students won **I Prize** in ART from Waste Materials on 14th March 2014.
- 2 Nos. of Third Year Students, 7 Nos. of Second Year Students presented Paper & Poster at PSN College of Engineering and Technology, Tirunelveli. S.Ramesh Kumar & S.V.ArunPrasath won **I Prize** in poster presentation. P.John Peter & P.Muthu won **I Prize** in Short film, M.Monaj Kumar & R.Gokul Gowtham won **II Prize** in Short film, R.Arun raja & B.Gobi Krishnan won **III Prize** in Short film, B.Gobi Krishnan won **II Prize** in Technical Quiz, P.Muthu won **II Prize** in CADD contest and won **OVERALL CHAMPIONSHIP** on 14th March 2014.
- V.Akash, P.D.Tharanikumar & V. Arivu Thiravida Selvan of Final Year Students attended Intra Department Meet by IT at NEC. This team won **I Prize** in Quick Project and in Technical Quiz on 15th March.
- D.Logachandran & C.Ashok of Third Year Students presented poster at Sona College of Technology, Salem and won **I Prize** in Surveying on 17th March 2014.
- L. Gowtham & P.Sivakumar of III Year Students presented poster at Maharaja Institute of Technology, Avinashi. This team won **I Prize** in Tamil Puzhavar, **I Prize** in CADD Modelling and **II Prize** in Poster Presentation 21st March 2014.
- G.Dineshkumar, T.Suriyadevi & S.Bhuvaneswari of Second Year Students were the Class Toppers in Anna University Exams conducted during by Nov/Dec '2013. **I, II & III Rank Holders** got Prizes from CADD Centre, Perundurai on 21st March 2014.
- S.V.Arunprasath, K.Nagaraj & Shyamgowtham of Third Year Students were the Class Toppers in Anna University Exams conducted during by Nov/Dec '2013. **I, II & III Rank Holders** got prizes from CADD Centre, Perundurai on 21st March 2014.
- V. Rajasekar of Third Year Student got **Individual Championship** for Men (**I Prize in 800 m, 1500 m & 5000 m Running, Third Prize in Javelin Throw**) conducted on Sports Day, 27th March 2014.
- P.D. Tharanikumar & Team Final year students had been shortlisted for their project in Top 10 among 1536 project registered in '**ICTACT Innovator Award 2014**' on 25th June 2014.

- Mr.N.Arun (2009-13) got **Best Outgoing Student Award** during 9th Graduation Day on 5th April 2014.



CAMPUS RECRUITMENT DRIVE

The ICI-NEC organized Campus Recruitment Drive under **Renaatus Projects Pvt. Ltd.**, Chennai headed by **Er. Thugaram** on 22nd February 2014. In this drive he explained about the variety of opportunities available for Civil Engineers. And he added that the Engineers need to have clear views on their interested area for betterment.



He also explained about their on-going projects in which the selected students will be engaged. The students had an interaction with the guest of the

day about the career of their company. The eligibility criteria for this *Recruitment Drive* were the students should have no standing arrears with aggregate marks of over 60%. Overall 17 numbers of interested eligible students attended the first round of written test. From this they had short listed 11 students.



Then the 11 students attended the Human Resource round with Er. Thugaram. Finally **M. Dinesh Kumar, S. Hariprasath & T. Prabhu**, Final Year Students had been selected by him and appointed as Site Engineers.

CAMPUS RECRUITMENT DRIVE @ EBET'i

EBET Group of Institutions organized a Campus Recruitment Drive from 24th February to 27th February 2014 and the recruiters include URC Constructions Pvt. Ltd., N. Ramalingam & Co., RPP Ltd., and Sri Pathy Associates. Every day about 500 students from various colleges from all over Tamil Nadu participated in the drive.

About 15 Final Year Civil Engineering students under ICI Student's Chapter of Nandha Engineering College (ICI-NEC) participated in the four day recruitment drive. On 25th February 2014

N. Ramalingam & Co. team had come to recruit



the students through various filtering process. On this occasion Mr. N. Ramalingam, MD, RCCL explained about the variety of opportunities available for Civil Engineers. Overall above 400 numbers of interested eligible students who have been attended the first round which is a written test. From this they had short listed above 80 students. Then the 80 students were attended the Human Resource round. Finally 20 students had been selected by him.

RAASI CONSTRUCTIONS 25th March 2014

The ICI-NEC has organized Campus Recruitment Drive under *Raasi Constructions, Tiruppur* headed by **Mr. Sathish, Managing Director** In this drive he explained about various opportunities in the construction industry.



Out of 40 students 31 students were shortlisted for the Human Resource Interview with **Mr. Sathish, Managing Director**. In this he asked the students about some of their technical related works that the students had done during their course of studies.

FORTUNE INFRASTRUCTURELS 27th March 2014

The ICI-NEC organized Campus Recruitment Drive under *Fortune Infrastructure, Mysore* headed by **Mr. S. K. Rajeshwaran**. In this drive he explained about his self-development right from the beginning how he entered the construction industry. He explained about their enduring projects in which the selected students will be engaged. Overall 10 numbers of interested eligible



students attended the direct Technical cum Human Resource Interview with Mr.S.K.Rajeshwaran. Finally **Mr. P. K. Naveen, Mr. M. Vikram & Mr. T. Naveen**, Final year students had been selected by him and appointed as Site Engineers.

OFF CAMPUS RECRUITEMENT

- M.Ranjith of Final Year Student placed in Lable Processing & Medical (BPO) on 25th Feb 2014.
- V.V. Gowtham of Final Year Student has got placed in Vinci Constructions at UK on 10th March 2014.
- V.Akash has got placed in Cochin Engineering and Consultancy Services Pvt. Ltd (CECONS), Cochin on 26th April 2014.
- S.Mohamed Riyazudeen of Final Year Student has got placed in GK Constructions at Erode on April 2014.
- S.Thiyagaraj of Final Year Student has got placed in Pricol at Coimbatore on April 2014.
- R.Sivasankar of Final Year Student has got placed in VRR Construction at Karur on April 2014.

SPORTS DAY

NEC organized Sports events from 5th March to 3rd April 2014 in their Campus and about 500 students from various departments participated in the events. About 80 students under the ICI Student's Chapter (ICI-NEC) participated in various sports events like Foot Ball, Cricket, etc and Athletic events like 100m, 200m, 1500m, Javelin Throw, etc. On 5th April 2014 the Sports Day was conducted and **Mr. K. Gunasekaran, DSP** was

the Chief Guest of the day. The conversation by him with students was the highlight of the day.



He advised the students that they have to be the role model for the future generations. After his heart-to-heart conversation with the students he distributed the prize to the students. The Dept. of Civil Engineering won the **Overall Runners Trophy** & Mr. V. Rajsekar, Third Year Student, Department of Civil Engineering won the **Overall Individual Championship Award**.



In the First Batch of B.E (Civil Engineering) 60 out of 64 students completed their degree successfully and received their Certificates during 9th Graduation Day held on 5th April 2014.



Anna University Rank Holders (2009 - 2013)



ARUN N
14th Rank
(9.12 CGPA)



KALPANA B
29th Rank
(8.97 CGPA)



VIDHYA M
30th Rank
(8.96 CGPA)



ROHONI C
45th Rank
(8.8 CGPA)



ARUNA
49th Rank
(8.76 CGPA)



Nandha Engineering College

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

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