CIVIL ENGINEERING NEWSLETTER

GIET UNIVERSITY, GUNUPUR

DEPARTMENT OF CIVIL ENGINEERING

SCHOOL OF ENGINEERING & TECHNOLOGY



www.giet.edu

Prof V Madhava Rao
Editor

Mr.M.Hitesh Kumar
Co-Editor

Miss.Niharika Patel
Co-Editor

VOL-1

OCTOBER, 2020

MESSAGE FROM HOD'S DESK



I am very happy that our Civil Engineering Department is releasing the vol-1 issue of Department Newsletter Each issue of this newsletter is a proud milestone of our events that marks our growth, unleashes our imaginations and measures our professionalism This issue also carries out the vibrant faculty and student creations. Newsletter is a technical platform to bring out the hidden talents of students and faculty. The major strength of the department is a team of well qualified and dedicated faculty who are continuosly supporting the students for their academic excellence. I congratulate the editorial team for their great effort to make this news letter asa reality. Also I invite the readers of "Newsletter" for their contribution and suggestions.

Prof. A. K. Samal

MESSAGE FROM EDITOR



The Civil Engineering Department has now an advocacy each month, covering various activities, both academic and professional, of students Faculty, Researchers, and Alumni. It is heartening to note that the News Letter, has come at time, when Covid-19 physically distanced each one of Civil Engineering Department students and Faculty, now attempts to interact through this digital News Letter. Kudos to the contribution of students, and Faculty and the Editorial Team could capture the subtle happenings of CED, reckoning the true spirit and zeal of CED. Now on the News Letter will a regular feature brining all that CED does and thrive to do, in true evidence based reflections. The Editorial Team highly appreciate the contributions of students, Faculty , Researchers, Alumni, Industry, and all those who matter most for the Civil Engineering Profession for making the News Letter, lively, wide coverage, and a hub where its always bubble with knowledge and creativity.

Prof V Madhava Rao

ABOUT THE DEPARTMENT



The Department of Civil Engineering was established in the year 2009 and has growninto a full-fledged department with specialzations in all the mazor areas of Civil Engineering . The Department is striving to foster a strong patnership with the industry to ensure relevancy in curricula and prepare our graduates for market challenges of today and beyond .Most of our alumni hold senior positions in industries as well as in academic institutions both in india and abroad.

The high quality research work being pursued by the faculty and students is very evident from the large number of research paper being published in reffered journals.

In recognition of expertise and commitment in development of the Department in developing new technologies , project proposals are being sent for the funded projects has been submitted . As part of the academic plan, the Department conducts international conferences, National conferences, Faculty Development Programs Guest Lectures, Seminars, Training Programs, Industrial Visits, organised with industrial patnerships. Students of the Department are highly enthusiastics and actively participate in various co curricular and extracurricular activities apart from giving their best in academics. Furthermore, final year students are encouraged to undertake industry-based projects to address some of the problems and challenges faced by the local industries.



BANITA SAHOO

Department Topper (2016-2020)

CLUB CONCRETO

Objective:

The technical club in Department of Civil Engineering was formed in the year 2019 with a sole objective of harnessing the creative abilities of Civil Engineering students in the college so that they may become more confident engineers in future to serve the nation and to bring name and fame to their Alma Mater.



Club Concreto Of Department Of Civil Engineering has taken the responsibility of maintenance & development of rain water harvesting pond.









INDUSTRY INSTITUTE COLLABORATION

Ramco cement Ltd has organised series of webnairs for faculty of Department of Civil Engineering during lock down.

Association of Consulting Civil Engineers (I) Mysore Center | Sri Jayachamarajendra College of Engineering | The National Institute | Indian Geotechnical Society: Bengaluru Chapter

in association with
The Ramco Cements Limited
invites you for a talk on

National Workshop on Recent Advance in Geotechnics for Infrastructure (RAGI 2020) & Some Challenging Geotechnical Solutions

Date : May 14,2020 ,Time : 11.00 am to 12.30 pm



Speaker :
Prof M R Madhav

Prof. M.R Madhav, Institute Fellow, IIT, Kanpur; AICTE – INAE Distinguished visiting professor, visiting professor, IIT Hyd. & Professor Emeritus, J.N.T.U Hyderabad, Resource person, RGUKT, and advisor/consultant to several organizations, is well known internationally as researcher, Teacher and Consultant and has contributed significantly to the practice of Geotechnical Engineering over the last five decades. Worked for several universities abroad – Australia, Canada, Japan, Belgium, UK etc.. Prof. Madhav's research interest span the whole gamut of Geotechnical Engineering. He guided more than 45 doctoral and several master's theses and final year projects. He co-edited books entitled 'Lowlands – Development and Management' and Foundations and Soft Ground Engineering Challenges in Mekong Delta' and authored more than 500 publications in refereed international and national journals and conferences.

MODERATOR
Er Anil Kumar Pillai
GM – Technical Services
MACE, The Ramco Cements Ltd. - Chennai

Powered by Cisco webex

The Ramco Cements Limited
invites you for a talk on
SPECIAL CONCRETES AND IT'S APPLICATIONS FOR SUSTAINABILITY
Date : May 25, 2020 ,Time : 11.00 am to 12.00 noon



Speaker :
Dr. K. Gunasekaran., Professor, SRM Institute of Science and Technology, Kattankulathur

Dr. K. Gunasekaran, working as a Professor in SRM Institute of Science and Technology, Chennai, Tamil Nadu, India. Got awarded Ph.D in the year 2011 for the works done on "Utilization of Coconut Shell as Coarse Aggregate in the Development of Lightweight Concrete" in SRM University. Presently having 28 years of experience, (academic 21 years and industry 7 years). Major area of interest is 'Concrete Technology' in that he developed one of the special lightweight concrete using coconut shell as aggregate. Published 14 International papers in SCI indexed journals, 3Nscopus indexed journal papers, 03 national journal papers, and 14 papers in International Conferences, 10 papers in National level conferences, written one technical note, and three books with ISBN numbers and published 04 patents.

Developed a coconut shell crusher for crushing the coconut shell as aggregate to use it in concrete production. Guided 2 Ph.D and Guiding 7 Ph. D research scholars', Guided 40 post graduate projects and 26 under graduate projects. Participated in 20 programmes and conducted 20 programmes in the field of Civil Engineering. Coordinated and conducted three International conferences, one national level conference, twelve workshops, three short term courses and Two Faculty development program etc. Reviewer for some of the reviewed and referred journals like "Construction and Building Materials", Materials and Structures", "European Journal of Environmental and Civil Engineering" etc.

MODERATOR
Er Anil Kumar Pillai
GM – Technical Services
MACE, The Ramco Cements Ltd. - Chennai

Powered by Cisco webex

MYSORE | RAMCO | BANGALORE CHAPTER | NIE | ESTD: 1946

"National Workshop on Recent Advances in Geotechnics for Infrastructure (RAGI 2020)"

Jointly organized by
Association of Consulting Civil Engineers (India), Mysore Centre
The Ramco Cements Limited
Indian Geotechnical Society, Bengaluru Chapter
The National Institute of Engineering, Mysuru
&
Sri Jayachamarajendra college of Engineering, Mysuru
Invite

Some Common Misconceptions about Geotechnical Investigations

Date: 15th May 2020, Time: 11 am to 12.30 pm



Speaker :
Er. P. Mohan Prasad

Er. P. Mohan Prasad has been an active geotechnical consultant for over two decades and heads the geotechnical firm 'Geomatrix' at Bengaluru. He has been a consultant to many organizations such as IOCL, IIM Bengaluru, IIIT Bengaluru, KRIDL, KPTCL, SI&R, Builders and property developers all over Karnataka. He obtained his bachelor degree in Civil Engineering from Bangalore University and master degree in Geotechnical Engineering from Indian Institute of Technology Bombay, Mumbai. He worked as a professor at Bangalore Institute of Technology for ten years and was an extremely popular teacher motivating the students in the area of Geotechnical Engineering. He has extensively worked in the areas of deep excavations, foundations in difficult environment and ground improvement related to field conditions.

Moderator:
Er Anil Kumar Pillai
GM – Technical Service
The Ramco Cements Ltd. - Chennai

Event Number: 910200797
Password : 12345

Powered by Cisco webex

The Ramco Cements Limited
invites you for a talk on
Busting Certain Concrete Myths
Date : May 26,2020 ,Time : 11.30 am to 12.30 pm



Speaker :
Mr. Rashid Merchant
Vice President – Quality Control , Prism RMC

A Master's degree in Civil Engineering with a total varied experience of more than 26 years, including more than 22 progressive years in various functions of the RMC Industry in India & Dubai.

Currently works for Prism Johnson Limited (RMC (India) Division) as All India Head for Quality Control. R & D to establish alternate raw materials & periodic concrete mix optimization is one of the major focus areas. Customer complaint resolving, presentations to govt. & other clients and fostering the growth & development of QC personnel across the organization are part of the other. Responsible & accountable for Quality Control for about 95 plants of the company across 44 cities in India.

MODERATOR
Er Anil Kumar Pillai
GM – Technical Services
MACE, The Ramco Cements Ltd. - Chennai

Powered by Cisco webex



The Ramco Cements Limited
invites you for a talk on
Harmonisation between nature & built environment
Date : July 18,2020 ,Time : 3.00 pm. to 4.00 pm



Speaker :
Dr. Binumol Tom Architect, RIT Kottayam
Jt. Secretary, Indian Institute of Architects Kerala

Dr. Binumol tom works as Professor in Architecture for the Rajiv Gandhi Institute of technology, Kottayam. She is a well-known architect and has more than 22 years of vast experience in academics as well as in the industry.

Dr.Binumol specialized in Architectural conservation and Some of her projects undertaken in Conservation are Preparation of Architectural guidelines for the historic town of Alleppey, in collaboration with the Town Planning Department, Kerala State (2019-20), listing of heritage buildings of TRIDA region in Thiruvananthapuram through Town Planning Department 2010 and Restoration of the British Residency at Osmania University Campus, Koti, Hyderabad, 2008-2009, World Monument Funded Project through American Express.

As a writer, she has authored two books viz "Traditional Conservation practices of Timber Architecture- a case study of Thai kottaram, Travancore published by INTACH UK Trust (2007) and "Glimpses of Heritage – The City of Thiruvananthapuram", published by IIA Trivandrum Centre (2011). In addition to this she has various media publications. She is an approved guide for doctoral programmes and an elected member to the Council of Architecture, New Delhi.

MODERATOR
Er Anil Kumar Pillai
GM – Technical Services
MACE, The Ramco Cements Ltd. - Chennai

Powered by Cisco webex

Indian Concrete Institute
Hyderabad Centre

in association with
The Ramco Cements Limited
invites you for a talk on
Repair & Rehabilitation of Concrete Structures
Date : May 12,2020 ,Time : 04.00 pm to 05.00 pm



Speaker :
Er. P Srinivasa Reddy
Engineer, Management consultant, Advocate & Arbitrator

Er. P Srinivasa Reddy, worked with MNCs and Indian companies like Aditya Birla Group (Rajashree Cements), Sika AG, Switzerland (Sika QualCrete), Burma Castrol Plc, UK (Fosroc), Cera-Chem etc in different responsible and leadership positions in "Diffusion of knowledge on Concrete Technology & Usage of Construction Chemicals in Construction Industry" on Pan India basis for about a decade. After attaining corporate experience, founded M/s Rehab Technologies, been CEO since its inception till 2010 and now associated as Technical Advisor.

Er Reddy, successful entrepreneur, visionary engineer a firm believer in "Small opportunities are often the beginning of great enterprises", and motivate youth to be entrepreneurs, who shape economic destiny of nation by creating wealth and employment, offering products and services, and generating taxes for governments.

MODERATOR
Er Anil Kumar Pillai
GM – Technical Services
MACE, The Ramco Cements Ltd. - Chennai

Powered by Cisco webex

The Ramco Cements Limited
invites you for a talk on
Precast construction
Date : May 22,2020 ,Time : 04.00 pm to 05.00 pm



Speaker :
Dr. S. KOTHANDARAMAN , PRINCIPAL
PONDICHERRY ENGINEERING COLLEGE,PUDUCHERRY

Dr. S. KOTHANDARAMAN has more than 35 years of teaching experience. He is also well recognized as a Structural Consultant in the regions of Puducherry and Tamilnadu. He started his engineering career in PWD, TamilNadu, and then worked as Senior Engineer in Gammon India Ltd. He also served as a Lecturer in CIT Coimbatore for a brief period of time before joining Pondicherry Engineering College. He contributed to growth of the department and the college as well in various capacities before getting the elevation as Principal.

He is a Fellow Member in Institution of Engineers, India, Life Member in Indian Society for Technical Education, life Member of Indian Concrete Institute, Life member of Institute for Steel Development & Growth (INSDAG) and Chartered Engineer in Institution of Engineers, India. He has guided more than 40 post graduate Dissertation works and guided Six Ph.D scholars.

He was the chairman of ICI-Pondicherry centre.
He was the Founder Honorary Secretary of IE(I)-Puducherry State Centre.
He is member of State Level Heritage Conservation Committee
He was a member of State Disaster Management Committee, Govt. of Puducherry.

He has coordinated with PWD, Govt. of Puducherry, for a number of projects in sorting out technical issues and solved a number of Industrial structural problems in and around Puducherry and Tamilnadu. He has offered structural consultancy for a number of major projects. Apart from this, he is continuously delivering technical lecturers to refresh the Engineers, Architects and Builders in Puducherry and TN.

MODERATOR
Er Anil Kumar Pillai
GM – Technical Services
MACE, The Ramco Cements Ltd. - Chennai

Powered by Cisco webex

The Ramco Cements Limited
invites you for a talk on
Role of M-Sand and Admixtures in Concrete
Date : May 18,2020 ,Time : 04.00 pm to 05.00 pm



Speaker :
Dr. Malathy R
Head of Sona COIN research center

Dr. R Malathy has more than 25 years of teaching experience and 11 years in research. She is the principal investigator for 6 R&D projects funded by IEI. Now she is the ICI chairperson of Salem centre and GC member of ICI.. She has done extensive research work on High Performance Concrete, Self-Compacting Concrete, Self-Curing Concrete, Geo Polymer Concrete, Papercrete and Effect of mineral and chemical admixtures on properties of Concrete. She also received Innovative Teacher Award for the year 2005 from CLHRD, Mangalore. She got "Career Award for young Teachers" for the year 2006 from AICTE. She patented a product "Electronic Level Indicator using Sensors" in the year 2006 and now has 3 patents. She has been recognized for inclusion as a biographee in the 2009 edition of Marquis' Who's Who in the World, a globally distributed publication which continues to be recognized internationally as the premier biographical data source of notable living individuals from every significant field of endeavor. She received two National awards from ISTE one is for her outstanding research work on development of ecofriendly, low cost building material and Recently she has been honoured with prestigious Research Award by UGC, New Delhi.She is heading the Research Centre SONA COIN (COncrete INnovation) at Sona College Of Technology, Salem.

MODERATOR
Er Anil Kumar Pillai
GM – Technical Services
MACE, The Ramco Cements Ltd. - Chennai

Powered by Cisco webex

IRRIGATION PROJECT

A check dam is a small, sometimes temporary, dam constructed across a swale, drainage ditch or waterway to counteract erosion by reducing water flow velocity. Check dams themselves are not a type of new technology ; rather, they are an ancient technology; rather, they are an ancient technique dating from the second century A.D. Check dams are typically, though not always, implemented in a system of several dams situated at regular intervals across the area of interest.











Project Incharge-Er.Ansuman Panda(2010-2014)

STUDY TOUR

The Department Of Civil Engineering organized a study tour (batch2016-2020) to Hirakud Dam & Chipilima Hydro-Power Plant & study tour batch2017-2021) to Kolab Dam ,construction work of Railway bridge project By Royal Infra & Mega Lift irrigation project at Rayagada .



Hirakud Dam Sambalpur







Kolab Dam, koraput



Indian Railways



Lift irrigation project Rayagada



WEBINAR

The Department of Civil Engineering organized different Webinars during lockdown periods. The Webinars are provide presentation and question and answer session with subject Experts.



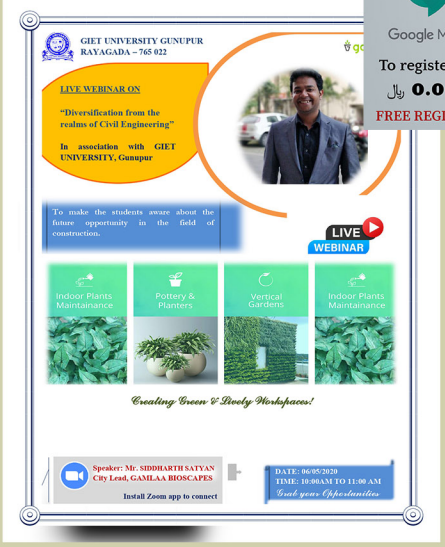












WORKSHOP







Non Destructive testing of concrete using rebound hammer method By Ramco Cement





GPS & Remote Sensing workshop
By Er. Bharat Kumbhar Deputy Superintendent Survey Of India





ALUMNI CORNER



Chirnjeev Dangi
Placed in South Eastern Railway Ranchi
Indian Railwas 2020

Sucess Story In OPSC

Qualified in written Examination for the post of
Asst. Executive Engineer in 2020



Monoj Kumar Beheradalei



Prakash Chandra Kissan



Rajat Kumar Patra



Pravanjan Pradhan

Santosh Kumar Sahoo
Manikishore Swain
Abhishek Mahakud
Sarada Prasad Swain
Gyana Dutta Rout
Mahendra Barik
Subhasmita Prusty

PLACEMENT

ROYAL

GRIL®

Wasteland Mineral

GreenTree

SURYA
INTERNATIONAL
SURYA SOLAR POWER

With progression in time Department of Civil Engineering setting new benchmarks in campus placements. Top Companies like
Royal InfraConstru Ltd.
Surya International
GR Infra
Green Tree Global
Wasteland Minerals LLP
Gawar Constructions
And Many more are selecting fresh talent year after year from Department Of Civil Engineering, Giet University offering them industry best packages.





Best Compliments From:

Dr.Satya Prakash Panda
President, Giet University, Gunupur

Dr.Chandra Dhwaj Panda
Vice-President, Giet University, Gunupur

Dr.Jagadish Panda
Director General, Giet University, Gunupur

Dr.Goutam Ghosh
Vice-Chancellor, Giet University, Gunupur

Chief-Advisor:

Dr.N V J Rao
Registrar, Giet University, Gunupur

Advisors:

Dr.A V N L Sharma
Dean (Academics)
Giet University, Gunupur

Dr.J B V Subramanyam
Dean (R&D)
Giet University, Gunupur