



Dr. M.G.R
EDUCATIONAL AND RESEARCH INSTITUTE
(Deemed to be University with Special Autonomy Status)
Accredited by NAAC with 'A' Grade (CGPA 3.31 for 4 point scale)
An ISO Certified Institution



DEPARTMENT OF CIVIL ENGINEERING



CIVIL CONTOUR
2021 - 2022



ABOUT THE UNIVERSITY

Aiming to bring about change and progress through education, the Tmt. Kannammal Educational Trust was constituted in 1985 and started Thai Moogambigai Polytechnic Collage. Within three years of its inception, Dr.M.G.R Engineering collage was founded in 1988, and the Thai Moogambigai Dental Collage inception, Dr.M.G.R Engineering collage was founded in 1988, and the Thai Moogambigai Dental Collage was started in the year 1991. Both the collages acquired Deemed university status in 2003 as Dr. M.G.R. Educational and Research Institute as per the orders of the University Grants Commission, New Delhi and the Union Ministry of Human Resources and Development, Government of India, New Delhi.

The 21st century poses a lot of challenges that could be overcome with the help of Education and Technology, Keeping this in mind

Dr. M.G.R. Educational and Research Institute University was started with a vision of providing a better foothold for the students of today to face the challenges. To succeed in the world today you more than just Academics. The modern adults is expected to have a combination of technical Know-how and ambitious confidence. Being aware of the demand that is placed on the youth today, Dr. M.G.R. Educational and Research Institute University has preserved to nurture and groom young men and women through Engineering, Medical, Dental and Humanities and Sciences.

FROM THE PRESIDENT'S DESK



THIRU A.C.S ARUN KUMAR
B.TECH (HONS.), LMISTE, MIET (UK), LMCSI

I am delighted to know that the Department of Civil Engineering of Dr. M.G.R Educational and Research Institute University is publishing a Technical Magazine
“CONTOUR 2021 - 2022”

I hope that this magazine will emerge out well and help people know more about the times.
I wish all the success for the magazine.

ER. A.C.S.ARUN KUMAR

FROM THE VICE CHANCELLOR'S DESK



PROF. Dr. S. GEETHALAKSHMI
VICE-CHANCELLOR

It is indeed a matter of great happiness to and that the Department of Civil Engineering at Dr. M.G.R. Educational & Research Institute University proposed to publish its Technical Magazine CONTOUR 2021 - 2022.

A Technical Magazine such as this is required for growth and progress of departmental activities, including publishing articles, papers, research activities etc. I am sure that this type of publishing technical magazine will prove its mettle by providing an opportunity for bringing out the writing talent which bears immense potentiality of sharpening Students' communication skill as part of their over all personality development and also will direct their creativity to new dimensions of mature expression.

I congratulate all the contributors and the editorial board for bringing out such a technical magazine.

PROF. Dr. S. GEETHALAKSHMI

FROM THE RECTOR'S DESK



PROF DR. D.VISWANATHAN
RECTOR

It gives me great pleasure and so I extended my hearty congratulations to the Department of Civil Engineering for publishing Technical Magazine, “CONTOUR 2021 - 2022”. An Expression of ideas and opinions through “CONTOUR” article shows our student's level of thinking and their high ability to learn from their surroundings.

My best wishes to the Department and editorial team for their dedication in making this magazine a reality. I hope this magazine continues to grow and represent the achievements of Dr. M.G.R Educational and Research Institute University and Civil Engineering Department.

PROF Dr.D.VISWANATHAN

FROM THE REGISTRAR'S DESK



Dr. C.B. PALANIVELU
REGISTRAR

Civil Engineering , one of the oldest Engineering, is a profession which has several related disciplines that deals with the design, construction, and maintenance of the built environment, including works like roads, bridges, canals, dams, and buildings.

It gives me great pleasure that Department of Civil Engineering is bringing out the Technical Magazine, “CONTOUR 2021-2022” to serve the Students, Faculties and Research scholars of our university and other institutions by giving them latest and technical matters related to Civil Engineering.

I am sure that this will create awareness and bring out innovative ideas about the enormous applications of Civil in the field of Engineering and other related disciplines.

At this juncture I congratulate every one for their team work to bring out this Magazine .

Dr. C.B. PALANIVELU



FROM THE JOINT REGISTRAR'S DESK \ SENIOR PROFESSOR - CIVIL



Dr. T. FELIX KALA JOINT REGISTRAR STUDENT AFFAIRS

I wish you all a safe and successful year 2022. This magazine is our symbol of enthusiasm and urge of knowledge in all fields of learning and blend of creativity and talents of our flourishing students. It is also very momentous way of projecting the inexhaustible quench of knowledge of our department,

And also portrays the latest advancements to the blend perfection of knowledge. At the juncture, I hereby take this opportunity to pass my good wishes to one and all of the staff members, Editorial board and student volunteers for their untiring effort to release this sound magazine very successful.

The word “THANKS” is not enough to convey our Department gratitude to our President Er.A.C.S. ArunKumar for his constant encouragement and support to achieve the goals of our department in a successful way.

Dr. T. FELIX KALA



FROM THE JOINT REGISTRAR'S INFRASTRUCTURE\ SENIOR PROFESSOR - CIVIL



It gives me great pleasure that Department of Civil Engineering is bringing out the Technical Magazine, “CONTOUR 2021-2022” to serve the Students, Faculties and Research scholars of our university and other institutions by giving them latest and technical matters related to Civil Engineering.

My best wishes to the Department and editorial team for their dedication in making this magazine a reality. I hope this magazine continues to grow and represent the achievements of Dr. M.G.R Educational and Research Institute University and Civil Engineering Department.

Dr.S.ARIVALAGAN

FROM THE HOD'S DESK



I am pleased to know that our Civil Engineering Department is once again successful in bringing their second issue of magazine “CONTOUR” for the academic year 2021-2022.

The most important aspect we could derive from this stupendous effort is that it brings out the various technical and analytical skills of the budding engineers.

I also applaud the coordination and efforts behind the team to bring out this issue.

I wish them all success. Further I am glad to welcome students with more interest in bringing the article with more bright concepts and innovative ideas in the next issue.

I wish them to experience victory in all of their future endeavours.

Dr.T.KAVITHA



DEPARTMENT OF CIVIL ENGINEERING

INTRODUCTION

Department of Civil Engineering was established in 2002 and has been a part of university since its inception. The Department has grown over the years and recognized as one of the major engineering department in the country. The Department has developed strong links with various industries, academics and research, both within and outside the country. Besides high quality teaching instruction for both UG and PG levels the department has organized various the national and international level of conferences, symposiums and workshops. The department of civil engineering with its multifaceted faculty continues to maintain and cultivates the talent among young engineers.

VISION

To achieve the pinnacle of success in the area of sustainable constructions and green technologies, thus stimulating economic growth and making the society a better place to live in.

MISSION

- To produce graduates who possess technical competence in their chosen specialty area of Civil Engineering with integrity and commitment.
- To prepare them to serve and contribute as innovators, professional engineers, and leaders in the global community.



QUALITY POLICY

The department strives to establish a system of quality assurance to continuously address, monitor and evaluate the quality education offered to students and to promote an effective teaching - learning process for the benefit to transform the institution into a Centre of Excellence in Engineering and Technological studies

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

The Educational Objectives of the Civil Engineering program are designed to produce skilled Engineers who could effectively contribute to the Civil Engineering profession with an ability to meet its current and future challenges.

To apply fundamental technical knowledge and skills to find creative solutions to technological challenges and problems in various areas of basic sciences and engineering.

To analyze, design and use skills in order to formulate and solve Civil Engineering problems.

To practice Civil Engineering in a responsible, professional and ethical manner and implement eco- friendly sustainable technologies for the benefit of industry and society.

To create knowledge through research and development in Civil Engineering and allied fields and modernize the teaching levels.

To make students professionally competent by enhancing their communication skills, team spirit, leadership and also to prepare them for lifelong learning through innovative and research activities.



PROGRAM OUTCOMES (POs)

- Understanding the fundamentals in the Engineering field
- Creation of an ability to develop problem solving attitude
- Designing, implementing the current technology and performing and conducting experiments by changing the parameters and interpreting the results
- Development of the environmental knowledge through innovative ideas by using current technology
- Facing the problem in the society and solving them
- An ability to understand the environmental impact and sustain in the environment
- Understanding legal, security and social issues and responsibilities
- Working in team thereby exploring multidisciplinary talents
- Communicating effectively in the societal activity such as public speaking, in conference etc.
- Developing interest in the individual to have an open mind to learn and accept things in the entire life
- Applying the software skills, managerial skills, for the industrial issues and also an ability to manage the finance

PROGRAM SPECIFIC OUTCOMES (PSO)

The Specific objectives of the Civil Engineering program are designed to produce skilled engineers who could effectively contribute to the Civil Engineering profession with an ability to meet its current and future challenges. The Civil Engineering department is committed to produce Civil Engineers with the potential:

- To apply fundamental technical knowledge and skills to find creative technological solutions
- To function as an individual or in a team to find solutions for civil engineering problems of multi disciplinary nature in the context of environmental and sustainable development.



DEPARTMENT FACULTIES

Dr. Felix Kala T	Joint registrar student affairs \ professor
Dr. Arivalagan S	Joint registrar infrastructure \ professor
Dr. Narayanan RM.	Dean Sponsored Research \ Professor
Dr. Kavitha T	HOD/Asst Professor
Dr. Ms.Depaa. RA. B	Dy.HOD/Asst Professor
Dr. Sankaran S	Professor
Dr. Muralikrishna M	Professor
Dr. Reddy Babu G	Professor
Dr. Renganathan A	Professor
Dr. Sekaran V	Professor
Dr. Vijayakumar H	Professor
Dr. Balamurugan R	Professor
Dr. Ganesh Babu K V	Professor
Dr. Rajesh Kumar V	Professor
Dr. Mr. Edwin D Thangam	Associate Professor
Dr. Mr. Narmatha M	Associate Professor
Dr. Arivumangai A	Associate Professor
Dr. S Charles Ruskin Kumar	Associate Professor
Dr. Sethuraman V.S.	Associate Professor
Dr. Sudhakar R	Associate Professor
Dr. Rajesh C.N	Associate Professor
Dr. C Manikandan	Associate Professor
Dr. Suresh	Associate Professor
Dr. Mr. A. Paul Magesh	Associate Professor



DEPARTMENT FACULTIES

Dr.Mr. Kalaigan R	Asst Professor
Dr. Mr.Manikandan M	Asst Professor
Dr. Ms Gomathi Nagajothy	Asst Professor
Ms.A.Hemamalinie	Asst Professor
Mr. Ramakrishna D	Asst Professor
Mr. Mallikarjuna Reddy K	Asst Professor
Ms. Leela D	Asst Professor
Ms.E.Rani	Asst Professor
Ms. Priyadarshini V	Asst Professor
Mr.P.Jeyakumar	Asst Professor
Mr.Sivaraman	Asst Professor
Dr. LekshmiMohan	Asst Professor
Mr. A. Mallikarajun reddy K	Asst Professor
Mrs. Lovely	Asst Professor
Mr. Sivaraman	Asst Professor
Mr.Jayavelu.K.R	Asst Professor
Mrs. Bini Mylin Roberts	Asst Professor

SUBJECT LECTURE

Title of the Event
DISASTER MITIGATION MANAGEMENT
DATE & TIME
04.02.2022 @ 2:30 pm
Venue
ONLINE MODE



Department of Civil Engineering, Dr.M.G.R Educational and Research Institute organized an subject Lecture titled “DISASTER MITIGATION MANAGEMENT” on 4th February 2022 @ 2.30pm for the B.Tech- Civil Engg. & B.Sc. Geology students.

Dr.T.KAVITHA (HOD-Civil Engg.) delivered the welcome address.

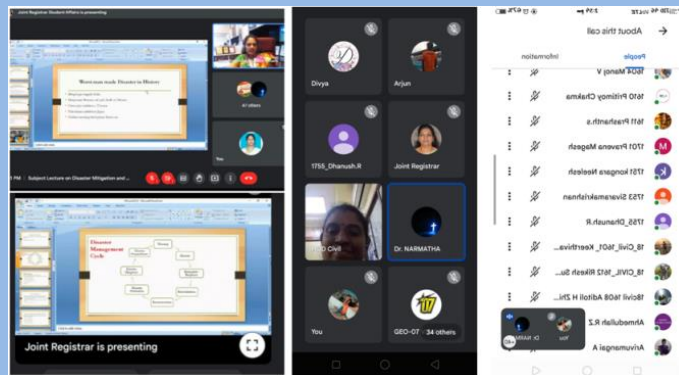
Ms. V. Priyadarshini, Asst. Professor introduced the guest speaker to the participants.

The resource person for this session is **Dr.T.Felixkala Joint Registrar – Students Affairs**, Dr.M.G.R Educational and Research Institute - Chennai explained elaborately about the Disaster and Disaster mitigation methods and concepts.

Covered topics in Presentation:

- Concepts of Disaster
- Types of Disaster
- Elements of Disaster
- DM Cycle & Methodology
- Disaster Risk Management

B.Tech- Civil Engg. & B.Sc. Geology students actively participated in this Program and gained the knowledge.



This Subject Lecture Program was organized and conducted by **Dr.M. NARMATHA**, Deputy Dean Smart/ Green Campus.

The program was concluded with vote of thanks given by **Dr.R. A. Depaa**, Deputy HOD - Civil.

SUBJECT LECTURE



Dr. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE
(Deemed to be University)
Maduravoyal, Chennai - 600 095, Tamilnadu, India.
(An ISO 9001 : 2015 Certified Institution)
University with Special Autonomy Status

Faculty of Engineering & Technology
Department of Civil Engineering
Welcome you
Subject Lecture on
"Soil Mechanics and Foundation Engineering"
By
Dr. T. Edwin.D.Thangam
Professor in Civil Engineering Department
Dr. M.G.R. Educational and Research Institute

Date: 10th February 2022, Time: 2.00 PM Venue : Through – Google Meet

Title of the Event

Soil Mechanics and Foundation

Engineering.

DATE & TIME

10.02.2022 @ 2:00 pm

Venue

ONLINE MODE

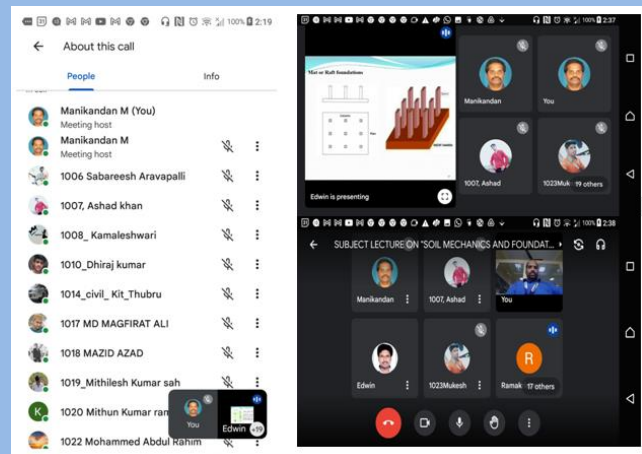
The Department of Civil Engineering, Faculty of Engineering and Technology, Dr. M.G.R Educational and Research Institute organized a subject Lecture titled "SOIL MECHANICS AND FOUNDATION ENGINEERING" on 10th February 2022 at 2.00pm for the B.Tech- Civil Engineering third year students.

Dr. T. KAVITHA, HOD & Professor Delivered the welcome address. Dr. M. NARMATHA, Deputy Dean Smart/ Green Campus & Associate Professor, Dr. M.G.R. Educational and Research Institute, introduced the guest speaker to the students.

The resource person for this session is Dr. T. Edwin D Thangam, Professor in Civil Engineering, Dr. M.G.R. Educational and Research Institute, elaborately about the Soil mechanics and Foundation Engineering methods and concepts.

Students actively participated in this program and gained knowledge. The Program was organized by Dr. M. Manikandan, Assistant professor. Mr. D. Ramakrishna proposed the vote of thanks.

We thank Our Honorable President Er. A.C.S. Arun Kumar Sir for his continuous support and encouragement.



GUEST LECTURE

**Dr. M.G.R.**
EDUCATIONAL AND RESEARCH INSTITUTE
Deemed to be University
Engineering, Technology, Management, Architecture, Design, Health Sciences, Agriculture, Veterinary, Law, Journalism, Mass Communication, Fine Arts, Sports, Distance Education, Open School, Self-Financing, etc.

Department of Civil Engineering

Welcomes you

for the

Guest Lecture on

“Fundamentals of Steel Structures and its Applications”

By



Dr. S. Bhagavathi Perumal
Professor & HOD
Department of Civil
Engineering
Sri Sai Ram Engineering
College
Chennai

At

Through G-Meet Online Platform



16th February 2022



10.00 am

Dr. M. Narmatha
Organising Secretary

Dr. M. Manikandan
Association Convener

Dr. T. Kavitha
Dept. Head

Title of the Event

**FUNDAMENTALS OF STEEL STRUCTURES AND
IT'S APPLICATION.**

DATE & TIME

16.02.2022 @ 10:00 am

Venue

ONLINE MODE

Department of Civil Engineering, Dr.M.G.R Educational and Research Institute organized Guest Lecture on **“FUNDAMENTALS OF STEEL STRUCTURES AND IT'S APPLICATION”** on 16th February 2022 @ 10.00am for the B.Tech- Civil Engg. – Final year students.

Dr.T.KAVITHA (HOD-Civil Engg.) delivered the welcome address.

Mrs. BINI MYLIN, Asst. Professor introduced the guest speaker to the participants.

The resource person for this session is **Dr. S. Bhagavathi Perumal, Professor & HOD , Dept. of Civil Engg., Sri Sai Ram Engineering College - Chennai** explained elaborately about the **FUNDAMENTALS OF STEEL STRUCTURES AND IT'S APPLICATION.**

B.Tech- Civil Engg. Final year students actively participated in this Program and gained the knowledge.

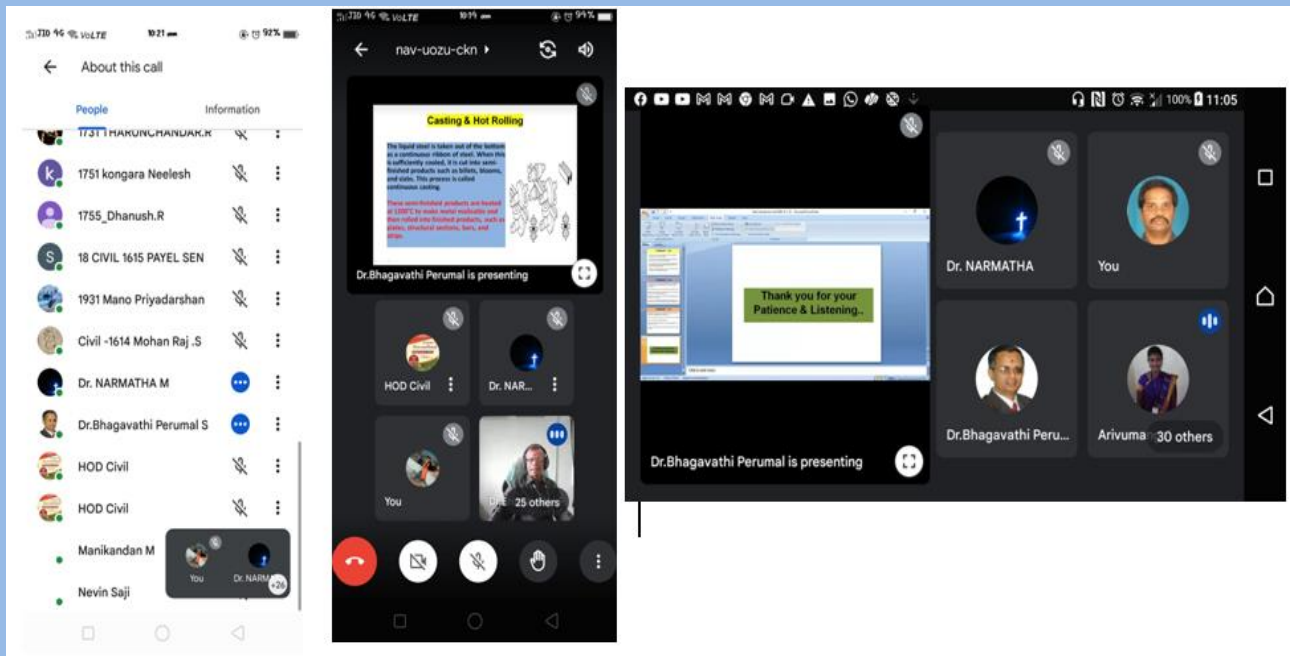
Covered topics in Presentation:

- Concepts of Steel structures
- Fundamental elements needed to design of steel structures
- Importance of Steel uses in Construction
- IS Code Provisions
- Types of Joints

Guest Lecture Program was organized and conducted by **Dr. M. NARMATHA**, Deputy Dean Smart/ Green Campus.

The program was concluded with vote of thanks given by **Dr.A.Arivumangai** Deputy Dean Library – Phase II.

We thank Our Honorable President Er. A.C.S. Arun Kumar Sir for his continuous support and encouragement for conducting this event.



SUBJECT LECTURE

Title of the Event

Engineering Survey

DATE & TIME

24.02.2022 @ 02:00 pm

Venue

ONLINE MODE



The poster is for a subject lecture titled "Engineering Survey" by Dr. S. Arivalagan, Joint Registrar - Infrastructure at Dr. M.G.R. Educational and Research Institute. The institute is located in Madhavoyal, Chennai - 600 095, Tamilnadu, India, and is an ISO 9001:2015 Certified Institution with Special Autonomy Status. The lecture is part of the Faculty of Engineering & Technology, Department of Civil Engineering. The event is scheduled for Date: 24th February 2022, Time: 2.00 PM, and Venue: Through – Google Meet. A portrait of Dr. S. Arivalagan is shown on the right side of the poster.

Dr. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE
(Deemed to be University)
Madhavoyal, Chennai - 600 095, Tamilnadu, India.
(An ISO 9001 : 2015 Certified Institution)
University with Special Autonomy Status

Faculty of Engineering & Technology
Department of Civil Engineering
Welcomes you for the
Subject Lecture on
“Engineering Survey”
By
Dr. S. Arivalagan
Joint Registrar - Infrastructure
Dr. M.G.R. Educational and Research Institute

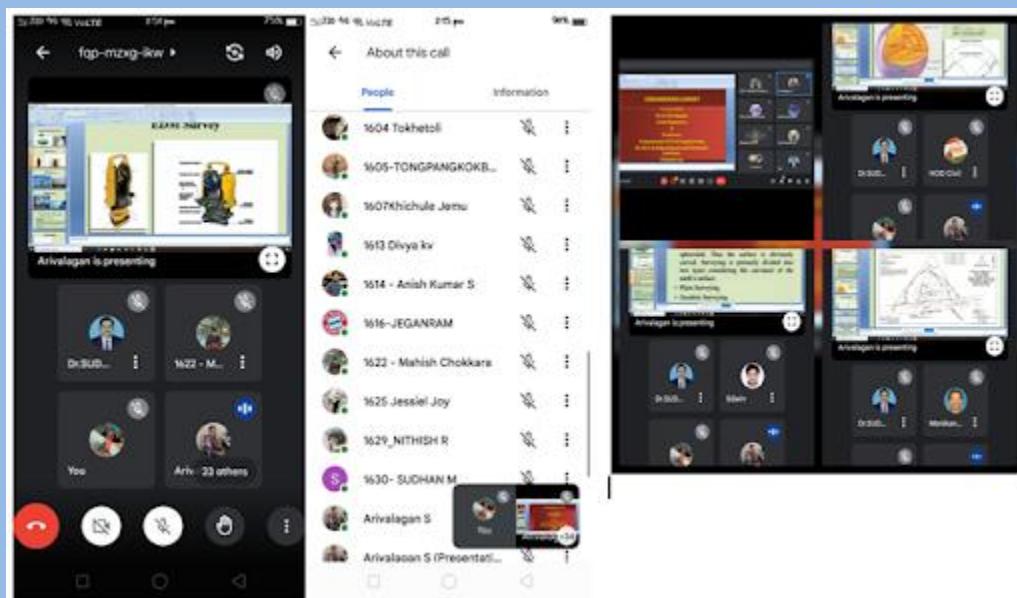
Date: 24th February 2022 Time: 2.00 PM Venue : Through – Google Meet

The Speaker of this session Dr.S.ARIVALAGAN, Professor and Joint Registrar has explained elaborately about Engineering Survey.

The speaker has elaborately explained basics, fundamentals and various types of surveying.He has explained the following topics elaborately to III & IV year B.Tech civil Engg. Students.

1. Land surveying, 2.GPS System, 3. Total Station,4.Current techniques, 5. GIS,

He has explained about various types of surveying and its methods to II year B.Tech Students.



ALUMNI LECTURE



Title of the Event

Career Opportunities in Modular Construction Technology

DATE & TIME

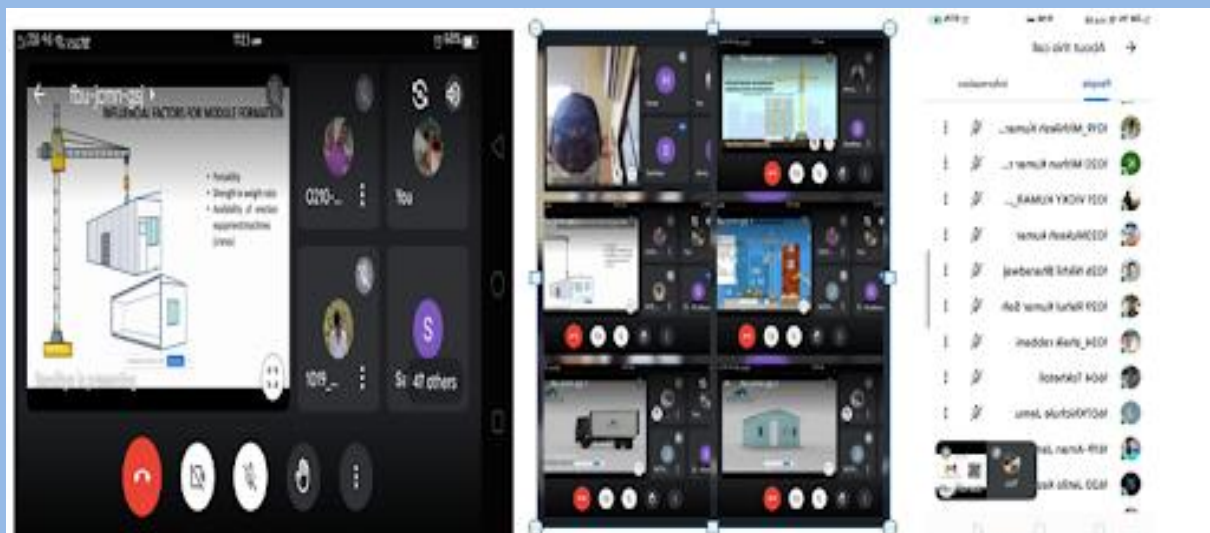
01.04.2022 @ 11:00 am

Venue

ONLINE MODE

The Department of Civil Engineering, Faculty of Engineering and Technology, Dr. M.G.R Educational and Research Institute organized a Alumni lecture on “Career opportunities in

Modular Construction Technology on 1st April 2022 at 11.00 am for the students of B.Tech Civil Engineering, M.Tech Structural Engineering, M.Tech Construction Engineering and Management. Dr.T.Kavitha Head Civil Engg, delivered the welcome address. Dr.Arivumangai Associate Professor, introduced the alumni speaker to the students. The resource person for the session is Er.P.Sandhya (Batch 2015-2019), Structural Design Engineer Modulus Housing Solutions incubated with IIT madras Taramani, Chennai. She elaborated about the modular construction techniques and its advantages including job opportunities in this particular domain and motivated the students for choosing their career path. Students actively participated in this program and interacted with speaker by raising more questions and gained knowledge. The Program was organized by A.Hemamaline, Assistant professor. Dr.Arivumangai Associate Professor Proposed the vote of thanks. We thank Our Honorable President Er.A.C.SArun Kumar Sir for his continuous support and encouragement.



INTERDISCIPLINARY LECTURE

Title of the Event

Designing a Web Page

DATE & TIME

03.03.2022 @ 10:00 am

Venue

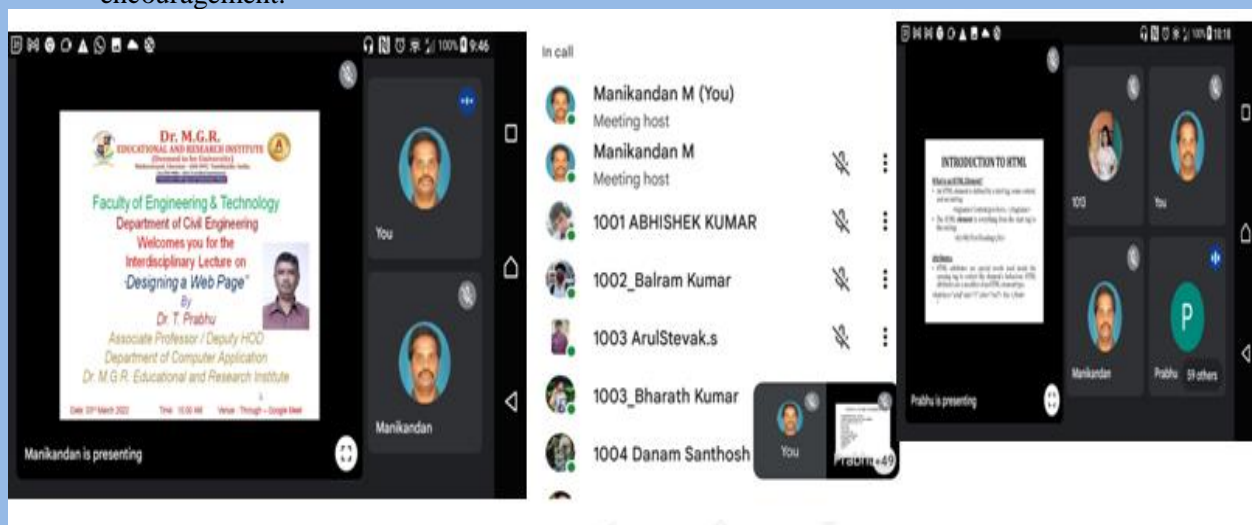
ONLINE MODE

The Department of Civil Engineering, Faculty of Engineering and Technology, Dr. M.G.R Educational and Research Institute organized an interdisciplinary Lecture titled "Designing a Web Page" on 03rd March 2022 at 10.00 am for the B.Tech- Civil Engineering Second year, Third year & Final year students.

Dr. RA. B. Depaa, Deputy HOD, Civil Engineering Department, Delivered the welcome address. Ms. V. Priyadarshini - Assistant Professor, Civil Engineering Department, Introduced the guest speaker to the students. The resource person for this session is Dr. T. Prabhu - Associate Professor / Deputy HOD, Department of Computer Applications, explained elaborately about Designing a Web page –Table, Image Tag, Anchor Tag, Table Creation, List Tag, Frame Tag, Form Tag, DHTML, CSS.

Students actively participated in this program and gained knowledge. The Program was organized by Dr. M. Manikandan, Assistant professor, Civil Engineering Department, Mrs. A. Hemamalini - Assistant Professor, Civil Engineering Department, proposed the vote of thanks.

We thank Our Honorable President Er. A.C.S. Arun Kumar Sir for his continuous support and encouragement.



TECHNOLOGY TALK



Title of the Event
**RAIN WATER HARVESTING AND
ARTIFICIAL.
RECHARGE
CONCEPT,DESIGN AND CASE
STUDIES.**
DATE & TIME
10.03.2022 @ 10:00 am
Venue
ONLINE MODE

The Department of Civil Engineering, Faculty of Engineering and Technology, Dr. M.G.R Educational and Research Institute organized a Technology Talk titled “Rainwater Harvesting and Artificial recharge-Concept, Design and case studies” on 10th March 2022 at 10.00 am for the students of Civil Engineering, B.Sc.Geology and M.Sc.Real Estate. Dr.S.Arivalagan, Joint Registrar, gave the welcome address. Dr. RA. B. Depaa, Deputy HOD ,introduced the guest speaker to the students. The resource person for the session was Dr. R.Raghuraman, CEO, KRG,Research Foundation who explained elaborately about the various aspects of ground water and artificial recharge including case studies from various parts of the country from Tamilnadu, Orissa and Jharkhand. Students actively participated in this program and gained knowledge on various aspects of rainwater harvesting. The Program was organized by Mr.D.Ramakrishna, Assistant professor. Mrs. A. Hemamaline - Assistant Professor proposed the vote of thanks. We thank Our Honorable President Er. A.C.S. Arun Kumar Sir for his continuous support and encouragement.



PROFESSIONAL SOCIETY EVENT



Title of the Event

An overview of Asia's Longest captive coal jetty at udangudi 2x660mw super critical thermal power project.

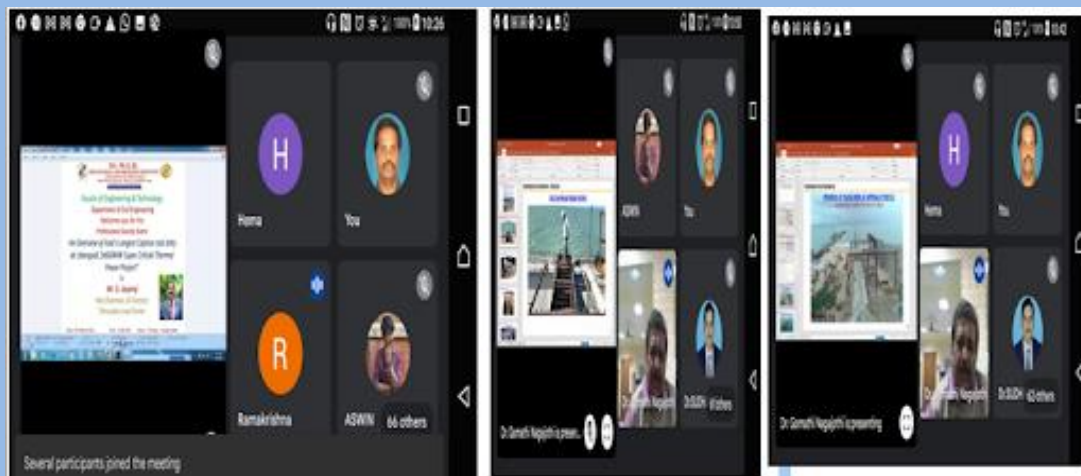
DATE & TIME

18.03.2022 @ 10:00 am

Venue

ONLINE MODE

The Department of Civil Engineering, Faculty of Engineering and Technology, Dr. M.G.R Educational and Research Institute organized a professional society event on “ An overview of Asia's longest captive coal jetty super critical thermal power project on 18th March 2022 at 10.00 am for the students of B.Tech Civil Engineering, M.Tech Structural Engineering, M.Tech Construction Engineering and Management, B.Sc.Geology and M.Sc.Real Estate. Dr.T.Kavitha Head Civil Engg, delivered the welcome address. Mr.D.Ramakrishnan Assistant Professor, introduced the guest speaker to the students. The resource person for the session was Mr.G.jayaraj, Past Chairman IEI Secretary who explained elaborately about the Asia's longest captive coal jetty at udangudi 2x660MW super critical thermal power project. Students actively participated in this program and gained knowledge.The Program was organized by A. Hemamaline, Assistant professor. Dr.R.Sudhkar- Deputy Dean Civil Engg proposed the vote of thanks.



ISR PROGRAM



DEPARTMENT OF CIVIL ENGINEERING

Institutional Social Responsibility
"Awareness Program |

on
SOLID WASTE MANAGEMENT"

10.00 am to 1.00 pm on 29th March 2022

Dr.R.Sudhakar

Mr.D.Ramakrishna

Event Organisers

Dr.M.Manikandan

Association Convenor

Dr.T.Kavitha

HoD

Title of the Event

Awareness Program on Covid Waste Disposal.

DATE & TIME

29.03.2022 @ 10:00 am to 01:00 pm

Venue

Field work



DEPARTMENT OF CIVIL ENGINEERING

Institutional Social Responsibility
"Awareness Program

on
Covid Waste Disposal"

10.00 am to 1.00 pm on 29th March 2022

Dr.R.Sudhakar

Mr.D.Ramakrishna

Event Organisers

Dr.M.Manikandan

Association Convenor

Dr.T.Kavitha

HoD



PRE-PLACEMENT TRAINING



Title of the Event

Pre-Placement Training & Placement.

DATE

04/03/2022

Venue

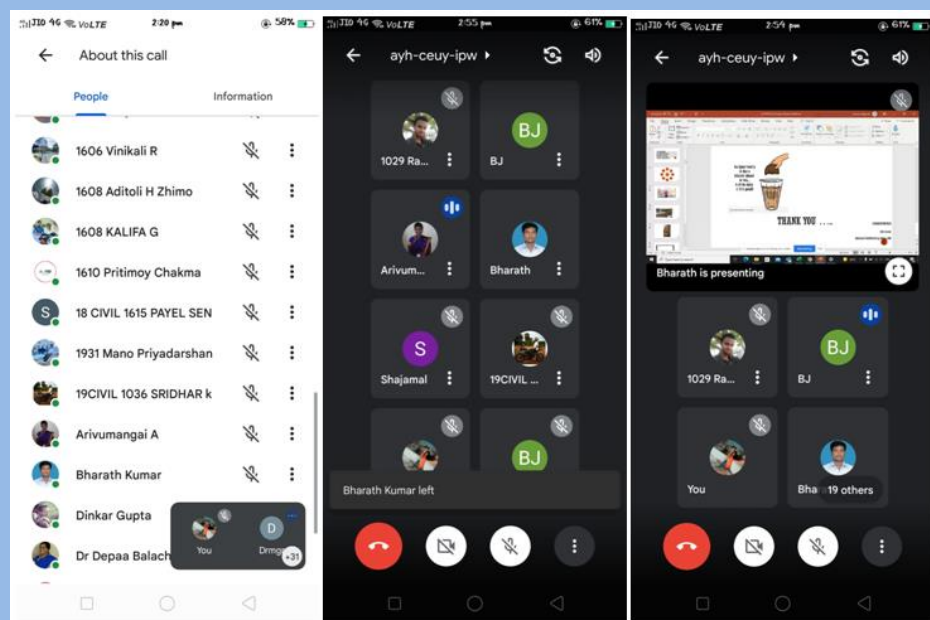
ONLINE MODE

Department of Civil Engineering, Dr.M.G.R Educational and Research Institute organized a Pre-placement Training Program titled “10 Stories “on 4th March 2022 between 2PM to 3PM for the B.Tech Civil Engineering students.

Dr.RA.B.Depaa (Deputy HOD-Civil Engg.) delivered the welcome address, following with Dr.T.Felix Kala , Joint Registrar Student Affairs who shared the inaugural address and Dr.Arivumangai (Associate Professor)introduced the session speaker to the participants.

The Speaker of this session Mr.R.Rajendhiren, Deputy Manager, Technical services, Master Builder Solutions India Pvt. Ltd., as per the title “10 Stories”, shared the experience of 10 strong personalities who endured hardship and toils to excel in their career. The students were encouraged and motivated with their inspirational journey. The students were very motivated and interacted well in the session.

B.Tech Civil Engineering students actively participated in this program with good interest and interacted well with the speaker.



RESEARCH SCHOLAR ISRO AWARD



Title of the Event

Research scholars receiving award – ISRO

DATE

18/07/2022

Place

New Delhi

Mrs V.Niranjana PhD scholar of Dr RM.NARAYANAN won 3rd place in the ISRO - National information system for Climate and Environment studies Workshop 2022. She won under student competition category, for the presented topic "Assessment of Chlorophyll a during monsoon using MODIS and OCM2 datasets along east coast of Tamilnadu with field measurements" conducted at ISRO antakshri bhavan , New Delhi.

ACHIVEMENT IN PLACEMENT



Dr.M.G.R.
Educational and Research Institute
(DEEMED TO BE UNIVERSITY)
(An ISO Certified Institution)
University with Graded Autonomy Status
Maduravoyal , Chennai - 600 095



Department of Civil Engineering



Proudly Announces 100 % Placement in 2022



Sevenhills National



PRASHANTH .S



PAYEL SEN



SIVARAMA KRISHNAN



ELAVARASI

Casa Grand Pvt.Ltd.



SYED ANAS RASHID

Veda Piles Foundations Pvt.Ltd



GAUTAM THANDAPANI



Hariharan.S

Urbanrise Constructions Pvt. Ltd.



KEERTHIVASAN.R.S



VENKATESAN.A



VINIKALI

Sridevi Constructions



RIYAZ KHAN



FIRDOSH NASEEM



NAVEEN.S



GANESH PANDII



KANHAIYA KUMAR

BimCadd Technical Solutions



BOLA RAJESH

Mount Blue Technologies Pvt. Ltd.

CSS Corp

ELAM KURAL NALLASERiyAR VERUDU

STAFF NAME

Dr.A.Arivumangai, Associate Professor. –
DEPARTMENT OF CIVIL ENGINEERING



TALK OF CITY
Daily ENGLISH
News Paper
www.talkofcity.com

சென்னை மாநகர்
சென்னை மாநகர்
சென்னை மாநகர்
சென்னை மாநகர்

இளம்குரல் அறக்கட்டளை சார்பில் சிங்க பெண்ணே விருது வழங்கும் நிகழ்ச்சி

சென்னை, மார்ச் 15: சென்னை கோயம்பேட்டில் உள்ள தனியார் ஹோட்டலில் உலக மகளிர் தினத்தை முன்னிட்டு இளம்குரல் அறக்கட்டளை சார்பில் சிங்க பெண்ணே விருது வழங்கும் நிகழ்ச்சி நடைபெற்றது. இளம்குரல் அறக்கட்டளை தலைவர் க. ரேஷ் ஏற்பாட்டில் நடைபெற்ற இந்த நிகழ்ச்சியில் சமூக சேவகர் பல்வேறு துறைகளில் சேவகன் மற்றும் டாக்டர் சாதனைகள் படைத்த

பெண்களுக்கு இளம் குரல் சிங்க பெண்ணே விருது வழங்கி கவுரவிக்கப்பட்டது. இந்த நிகழ்ச்சியில் நிற்பது அழைப்பாளராக முன்னாள் நல்வாழ்வுத் துறை அமைச்சர் Dr.H.V. ஹண்டே அவர்கள் கலந்துகொண்டு விருது வழங்கி நிறுப்பித்தனர். மேலும் இந்த நிகழ்ச்சியில் இளம்குரல் அறக்கட்டளை மற்றும் இளம்குரல் இளைஞர் அமைப்பின் மாநில கோபால் சிறுஞ்ஞன் மற்றும் டாக்டர் சாதனைகள் படைத்த

ஆர்வலர் செளந்தர பாண்டியன் வட்டார கல்வி அலுவலர் லேகா சேவை கைகள் அறக்கட்டளை தலைவர் குமார் உள்ளிட்ட பிழைகள் கவந்துகொண்டு விருது வழங்கி நிறுப்பித்தனர். மேலும் இந்த நிகழ்ச்சியில் இளம்குரல் அறக்கட்டளை மற்றும் இளம்குரல் இளைஞர் அமைப்பின் மாநில கோபால் சிறுஞ்ஞன் மற்றும் டாக்டர் சாதனைகள் படைத்த

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திருச்சிதம்பலம் (பக்க 30)
15-3-2022
Volume - 12
Issue - 354
பக்கம் 6
விலை ரூ.3

சென்னை கோயம்பேட்டில் நடைபெற்ற மகளிர் தின விழாவில் இளம்குரல் அறக்கட்டளை சார்பில் பல்வேறு துறைகளில் சேவை மற்றும் சாதனை படைத்த பெண்களுக்கு இளம்குரல் சிங்க பெண் விருதை முன்னாள் அமைச்சர் ஹண்டே வழங்கினார். உடன் சமூக சேவகர் கோபாலகிருஷ்ணன், டாக்டர் நரேஷ்குமார், சமூக ஆர்வலர் செளந்தரபாண்டியன், வட்டார கல்வி அலுவலர் லேகா, சேவை கைகள் அறக்கட்டளை தலைவர் குமார் மற்றும் பலர் உள்ளனர்.

நவ்இந்தியர்
www.navhindia.com
14-3-2022
திருச்சிதம்பலம் (பக்க 30)
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ORNAMENTAL FLOWER POTS USING E-WASTE



Waste printed circuit board, one of the main components of e waste stream has been used as filler in mortar by replacing river/m-sand. Industrial wastes like flyash, silica fume, alcofine has been used instead of cement. Totally 45% waste materials have been utilised to make flower pots for indoor and outdoor applications.

Dr.P. Gomathi Nagajothi and Mr.kumaran from civil engineering dept has been working in this research along with 2022 passed out students and current 3rd Yr students to bring out these beautiful and sustainable flower pots.

We express our sincere gratitude to our founder chancellor, President for the opportunity.



DEPARTMENT OF CIVIL ENGINEERING

KALAM –MGR ENSAVER VILLAGE



We MGR Green9 Ensav club successfully completed 5th day of Village Project campaign on 23/12/2021 at Thiruverkadu KRSA Welfare Association . A colossal drive to spread energy conservation awareness among the public through energy savings mantras. The campaign has been initiated by the Department of Civil Engineering Dr.T.Kavitha(HoD), Ms.V.Priyadarshini(Ensav club Coordinator) Assistant Professor along with the students, we ensav club created energy awareness to nearly 60 houses and distributed Energy efficient LED bulbs to all the residents in & around the association.



IIT PALS PROGRAM

Title of the Award

Award of excellence in participation in all IIT PALS initiative.

Name

Dr.RA.B.DEPA A, Dy. HoD \ Assistant Professor.



Our University Civil Department staff Dr. RA.B. Depaa received Award of excellence in participation in all IIT PALS initiative - participation in lecture series, Vlabs, Rutag, Innawah etc



Alumni Interaction



Title of the Event
PENTA REUNION.

DATE
23/04/2022

Venue
Civil Smart Room



Title of the Event

Applications of smart materials in civil engineering.

DATE
16/10/2021

Venue
Live stream

Dr. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE
DEEMED TO BE UNIVERSITY
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(An ISO 21001:2018 Certified Institution)
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DEPARTMENT OF CIVIL ENGINEERING

DAY - 22 MGR ALUMNI CONCLAVE - 2021
(25 Departments - 25 Days - 25 Alumni Conclaves - 25k Participants)
approved and monitored by World Book of Records

Conclave Title: **APPLICATIONS OF SMART MATERIALS IN CIVIL ENGINEERING**

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(2008 TO 2012)
RESEARCH SCHOLAR
(IIT-GUWAHATI)

MR. CHANDAN GUPTA
(2011-2015)
PROJECT ENGINEER
MOUD, DLPIU-DHADING

DR. RA. B. DEEPA
DEPUTY HOD/CIVIL
DR. MGR. EDU&RESEARCH
INSTITUTE

MR. SHAILESH YADAV
(2009 - 2013)
(JUNIOR ENGINEER)
RURAL DEVELOPMENT

MR. AKSHAY K UDAY (2011-2015)
(RESEARCH SCHOLAR)
DR. M G R. EDU&RESEARCH
INSTITUTE

16th OCT 2021, @ 2 PM (IST)

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MRS. A. HEMAMALINIE
Alumni Coordinator

Invite From

Dr. T. KAVITHA
Head of Department

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B.Tech, II year

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Department of Civil Engineering

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