



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

363, Arcot Road, Kodambakkam, Chennai – 24
Approved by AICTE & Affiliated to Anna University
email Id: principal@msec.edu.in
Website : www.msec.edu.in

PROFESSIONAL DEVELOPMENT/ADMINISTRATIVE TRAINING PROGRAM 2020-2021

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**A FIVE DAY NATIONAL LEVEL FACULTY DEVELOPMENT PROGRAMME On
“Testing of Materials for Engineering Applications”**

The management is pleased to conduct a five day national level Faculty development program (FDP) on 22nd June to 26th June 2022 from 4.00PM to 5.30PM through online. All the participants shall interact with the experts and ask questions as and when required and make the program more likely and make it a grand success.

PRINCIPAL
MEENAKSHI SUNDARARAJAN ENGINEERING COL
363, ARCOT ROAD, KODAMBAKKAM
CHENNAI-600 024

Principal



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Brochure



Meenakshi Sundararajan Engineering College

Approved by AICTE
(Affiliated to Anna University)

Accredited by National Board of Accreditation for programs applied

Chief Patrons:
 Dr. K S Lakshmi,
 Correspondent.
 Dr. K S Babai, Secretary.
 Mr. N. Sreekanth, Director.

Patrons:
 Dr. P K Suresh,
 Principal.
 Dr. K Umarani,
 Dean Academics.

Resource Persons:



Dr.E. Natarajan, Professor and Dean,
 College of Engineering, Anna University.



Mr. R. Vasu, Vice President, Brakes India.



Dr.P. Etraj, Senior Section Engineer, ICF,
 Indian Railways



Mrs.M.Malathi, Senior Manager, R&D, IPR



Dr.A.Velayudham, Retd Addl Director,
 Manufacturing, CVRDE and Visiting Prof,
 Anna University



**A
 FIVE DAY
 NATIONAL LEVEL
 FACULTY DEVELOPMENT PROGRAMME**

On

**“Testing of Materials for
 Engineering Applications”**

22nd – 26th June, 2020



Organized By

DEPARTMENT OF MECHANICAL ENGINEERING

About the Institution

Prof. K.R. Sundararajan, one of the eminent educationists of South India, established Indian Institute of Engineering Technology (IET) in the year 1947 when there were only a few Engineering colleges in the state and young aspirants could not find opportunities to become engineers. Prof. KRS guided them to fulfill their dreams to become full-fledged engineers through the AMIE program. In his last years, Prof. KRS had a dream of starting a full-blown Engineering college to give quality education in various branches of the engineering.

About the Department

The Department of Mechanical Engineering was started in 2011-12. The department's endeavor is to develop its students to be 'industry ready' when they graduate. Students of mechanical engineering department gain industrial exposure and are prepared to face future challenges by carrying out their Final Year Projects work in various PSU/Private sectors as per their field of interest. The department has memorandum of understanding with various Institutions, Industries and Research organizations for collaborative research and development work.

Vision of the Department

- To develop creative mechanical engineers by providing quality education, research and ethical values.

Mission of the Department

- To provide conducive environment and facilities for academic activities and preparing students for diverse careers.
- To develop collaborative research with industries for excellence in research and consultancy practices
- To provide education in advanced technologies according to the changing needs of the society

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SCHEDULE

Day 1: 22nd June, 2020

Topic: Mechanical Testing

Mrs.M.Malathi, Senior manager R&D, IPR

Day 2: 23rd June, 2020

Topic: Testing of Renewable Resources

Dr.E. Natarajan, Professor and Dean, College of Engineering,
Anna University.

Day 3: 24th June, 2020

Topic: Non Destructive Testing of Railway
Rolling Stock Wheels and Axles

Dr.P. Etraj, Senior Section Engineer, ICF, Indian Railways.

Day 4: 25th June, 2020

Topic: Material Characterization and
Thermal Testing

Dr.A.Velayudham, Retd Addl Director, Manufacturing, CVRDE &
Visiting Prof., Anna University.

Day 5: 26th June, 2020

Topic: Quality in Automotive Industry Six
Sigma Perspective

Mr. R. Vasu, Vice President, Brakes India.

For Registration click the Following Link

<https://forms.gle/Z56YJ9KaJkzsRGad9>

Or



Scan this QR Code to Register


Timing: 4.00 – 5.30 pm

- This FDP is a program for Faculties, Professionals and Students to impart the fundamentals and application of material testing and quality control in manufacturing.
- There is no Registration Fee
- The Programme will be conducted through online
- Class duration: One and half hour per day
- Participants who register and complete the course successfully will be issued E-Certificate

Contact us:

9840940383 - Mr. M. Vadivel,
Assistant Professor, Mechanical.



9962518109 - Mr. K. Sridhar,
Assistant Professor, Mechanical


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Registration form

 <p>MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE 363, ARCOT ROAD, KODAMBAKKAM, CHENNAI, TAMIL NADU 600024 <i>ACCREDITED BY NATIONAL BOARD OF ACCREDITATION</i></p>	 <p>TNEA COUNSELLING CODE 1309</p>
<p>A Five Days Online National Level Faculty Development Program on "Testing of Materials for Engineering Application" Organized by Department of Mechanical Engineering, <u>MSEC</u></p>	
<p>June 22: Mechanical Testing by Mrs. M. Malathi, Senior Manager, R&D India Piston Rings.</p>	
<p>June 23: Testing of Renewable Resources by Dr.E Natarajan, Professor, and Dean, College of Engineering Anna University.</p>	
<p>June 24: Non-Destructive Testing of Railway Rolling Stock Wheels and Axles by Dr.P Etraj, Senior Section Engineer, Integral Coach Factory, Indian Railways.</p>	
<p>June 25: Material Characterization and Thermal Testing by Dr. A. Velayudham, Retd Additional Director, Manufacturing, CVRD, and Visiting Prof, Anna University now.</p>	
<p>June 26: Quality in Automotive Industry Six Sigma Perspective by Mr. R Vasu, Vice President, Brakes India.</p>	
<p>E-Certificate will be issued for attended participants only.</p>	
<p>Last Date for Registration is June 21, 2020 - 06:00 p.m.</p>	

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E-Certificate will be issued for attended participants only.

Last Date for Registration is June 21, 2020 - 06:00 p.m.

Email *

Valid email
.....

This form is collecting emails. [Change settings](#)

Name of the participant (name to be printed in the certificate) *

Short answer text
.....

Designation *

Professor

Associate Professor

Assistant Professor

Research Scholar

Student

Industry

Name of the Institution/Organisation. *

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Student

Industry

Name of the Institution/Organisation. *

Short answer text

City *

Short answer text

State *

Short answer text

Mobile Number *

Short answer text

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Questions Responses **462** Settings

462 responses

Not accepting responses

Message for respondents


This form is no longer accepting responses

Summary Question Individual

Who has responded?

Email

- vadivelshakthi@gmail.com
- praveen71989@gmail.com
- sivaramthermal12@gmail.com
- rselvak@hindustanuniv.ac.in
- mohankumar.s.auto@kct.ac.in
- convey2murali@gmail.com
- vmuthukumar92@gmail.com
- devanathan.c@rajalakshmi.edu.in
- ...


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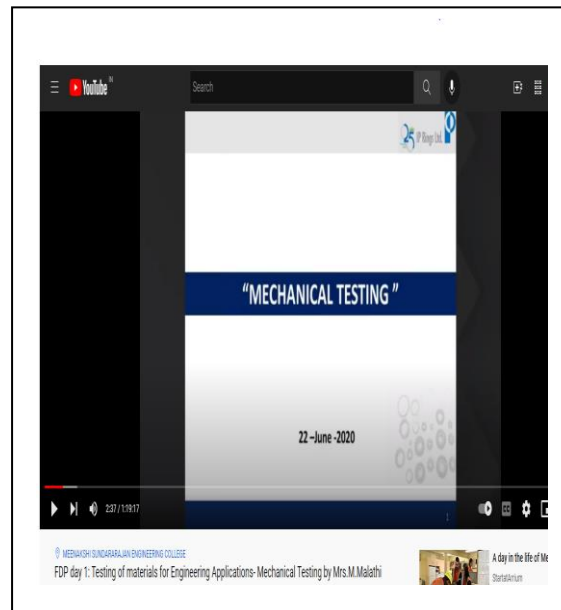
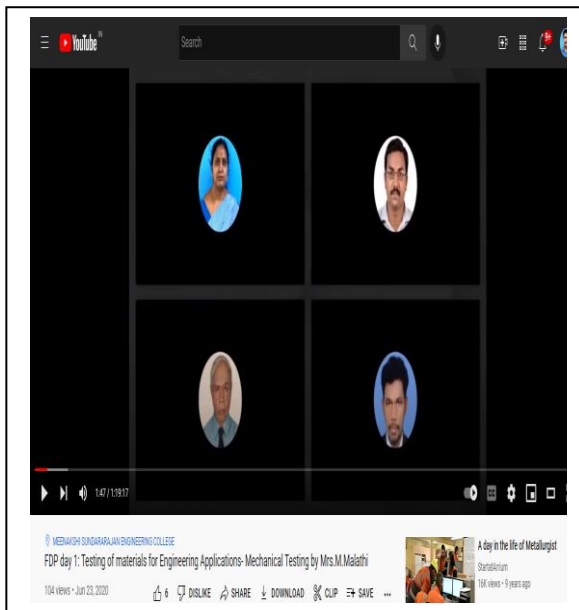
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REPORT

Topic: Mechanical Testing
Inaugurated on 25th June 2020
Chief Guest: Mrs.M.Malathi, Senior Manager, R&D, IPR

One of the key objectives of Mechanical Testings is to provide knowledge for students to improve Mechanical Testing. The session is held on 24th June 2020 and the chief guest for this event Mrs.M.Malathi. The entire session was energetic and our students learn a lot of knowledge about Mechanical Testing. Students are made to realize their focus on areas in Quality in Mechanical Testing
Link : <https://www.youtube.com/watch?v=AkivNhG3nrU>

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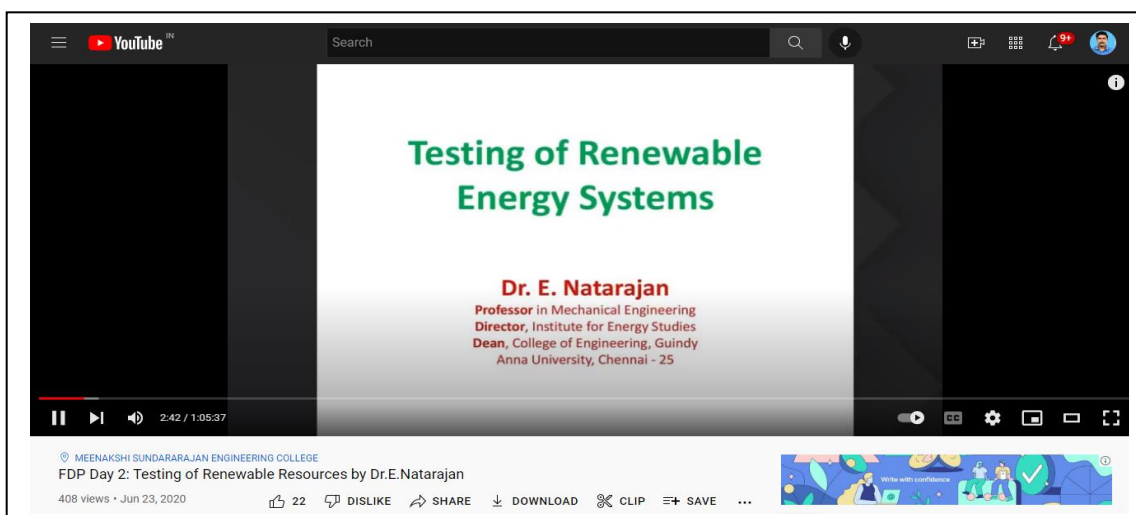
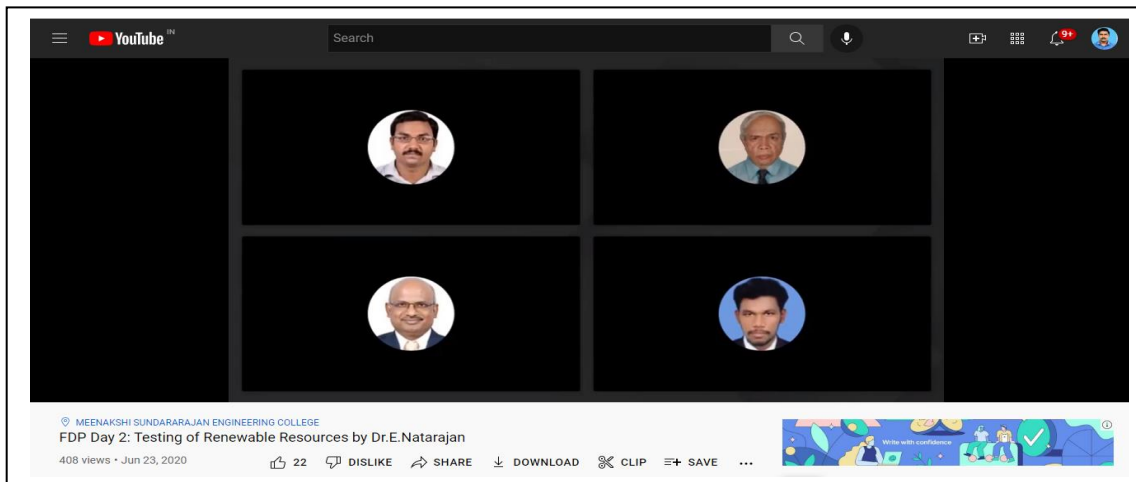
REPORT


Topic: Testing of Renewable Resources
Inaugurated on 23rd June 2020
Chief Guest: Dr. E. Natarajan
Professor and Dean, College of Engineering, Anna University.

One of the key objectives of Testing of Renewable Resources is to provide knowledge for students to improve testing of renewable resources. The session is held on 22th June 2020 and the chief guest for this event are Dr. E. Natarajan. The entire session was energetic and our students learn a lot of technical stuff. Students are made to realize their focus on areas in testing of renewable resources and its methods.

Link: <https://www.youtube.com/watch?v=63kNf5hdwX8>


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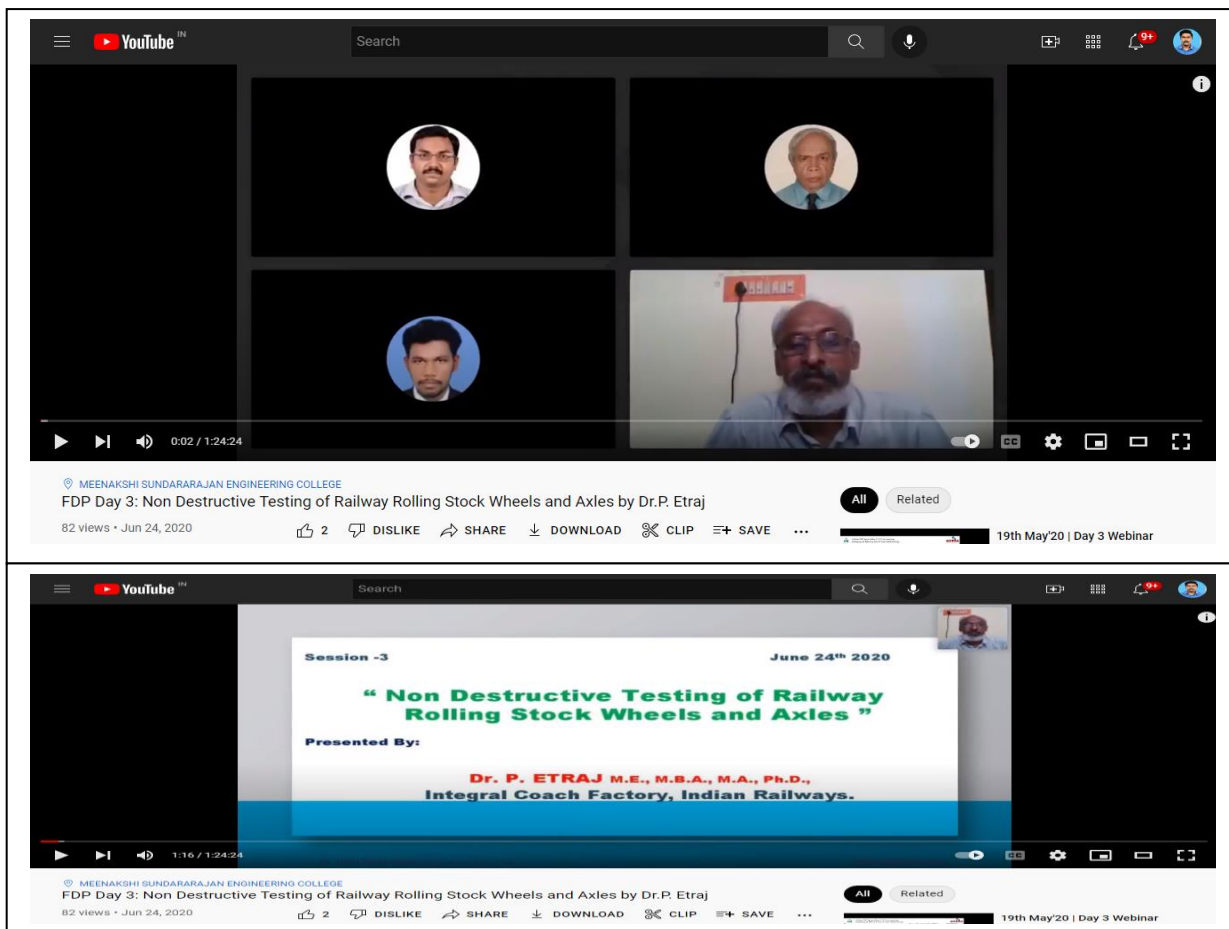
REPORT


Topic: Non Destructive Testing of Railway Rolling Stock Wheels and Axles
Inaugurated on 24th June 2020
Chief Guest: Dr.P.Etraj, Senior Section Engineer, ICF, Indian Railways

One of the key objectives of Non Destructive Testing of Railway Rolling Stock Wheels and Axles is to provide knowledge for students to improve Non Destructive Testing of Railway Rolling Stock Wheels and Axles. The session is held on 24th June 2020 and the chief guest for this event are Dr.P. Etraj. The entire session was energetic and our students learn a lot of knowledge about Non Destructive Testing of Railway Rolling Stock Wheels and Axles. Students are made to realize their focus on areas in Quality in Non Destructive Testing of Railway Rolling Stock Wheels and Axles and types of NDT.

Link: <https://www.youtube.com/watch?v=Kjr01enCpbA>


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REPORT

Topic: Material Characterization and Thermal Testing

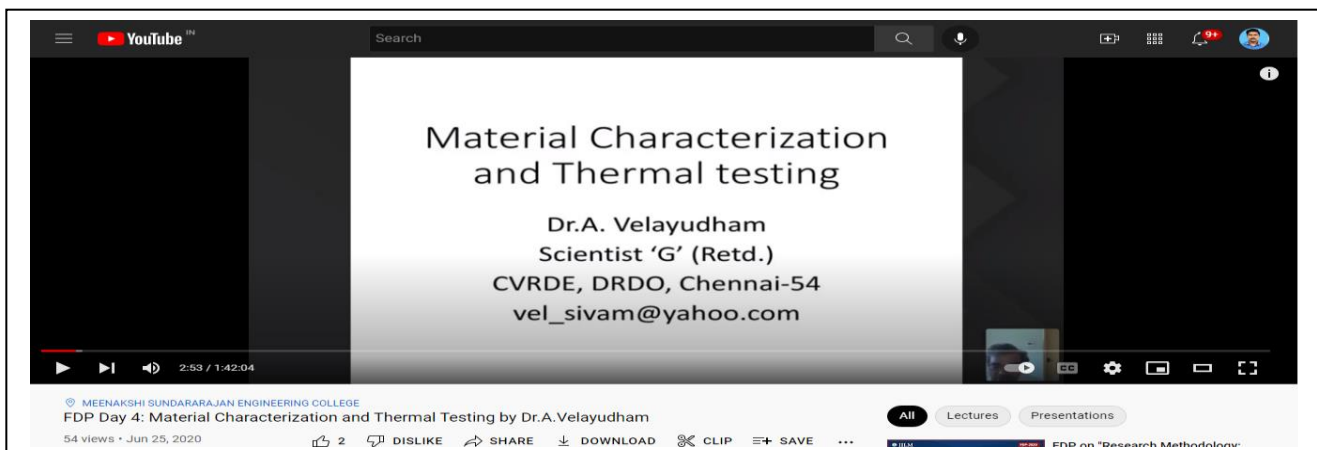
Inaugurated on 25th June 2020

Chief Guest: Dr.A.Velayudham, Retd Addl Director, Manufacturing, CVRDE and Visiting Prof, Anna University

One of the key objectives of Quality in Material Characterization and Thermal Testing Perspective is to provide knowledge for students to improve Material Characterization and Thermal Testing. The session is held on 26th June 2020 and the chief guest for this event Dr.A.Velayudham. The entire session was energetic and our students learn a lot of knowledge about Material Characterization and Thermal Testing. Students are made to realize their focus on areas in Quality in Material Characterization and Thermal Testing

Link: https://www.youtube.com/watch?v=ISrTggL_P2Y

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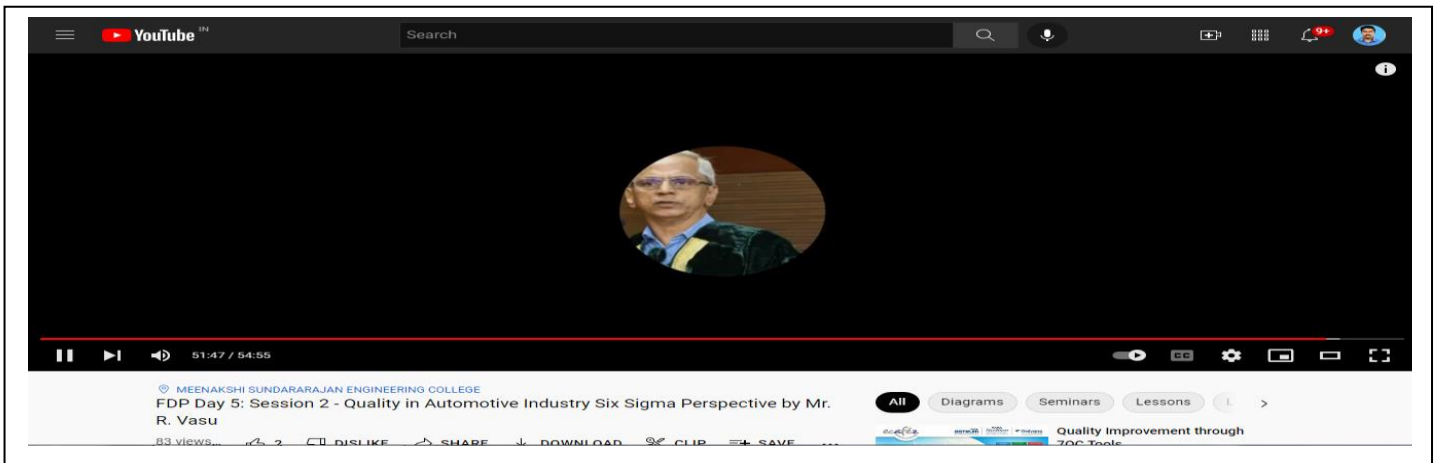
REPORT

Topic: Quality in Automotive Industry Six Sigma Perspective
Inaugurated on 26th June 2020
Chief Guest: Mr. R. Vasu, Vice President, Brakes India.

One of the key objectives of Quality in Automotive Industry Six Sigma Perspective is to provide knowledge for students to improve Quality in Automotive Industry Six Sigma Perspective. The session is held on 23th June 2020 and the chief guest for this event are Mr. R. Vasu. The entire session was energetic and our students learn a lot of knowledge about Quality in Automotive Industry Six Sigma Perspective. Students are made to realize their focus on areas in how automotive industry implement six sigma.

Link: <https://www.youtube.com/watch?v=E0TM9-2EPbo>


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FEEDBACK FORM

MSEC_ Mechanical_Online FDP_on_ " Testing of Materials for Engineering Applications" Day-1_Feedback-22.06.2020.

Topic: Mechanical Testing
Speaker: Mrs. M. Malathi, Senior Manager, R&D India Piston Rings.

* Required

Email *
vivekintense@gmail.com

Salutation *
Mr. / 0
Add individual feedback

Name of the Participant *
Vivek Cm / 0
Add individual feedback

Name of the Institution / Organization *
Periyar maniammai institute of science and technology... / 0
Add individual feedback

City *
Thanjavur / 0
Add individual feedback

State *
Tamil Nadu / 0
Add individual feedback

The information presented in the session was useful *
Fair 1 2 3 4 5 Excellent

Add individual feedback

The Subject matter was presented effectively *
Strongly Disagree 1 2 3 4 5 Strongly Agree

Add individual feedback

The duration of the session was sufficient to get an overview of the topic *
Strongly Disagree 1 2 3 4 5 Strongly Agree

Add individual feedback

Overall FDP Organisation *
Fair 1 2 3 4 5 Excellent

Add individual feedback

Among all the content discussed in today's session, mention the topic which was interesting and useful to you * / 0

Tests
Add individual feedback

Submitted 6/22/20, 4:35 PM



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Responses cannot be edited

MSEC_ Mechanical_Online FDP_on_ " Testing of Materials for Engineering Applications" Day-5_Session_1_Feedback-26.06.2020.

Topic: Materials Testing - A Tool for Improvements
Speaker: Dr. N. Gowrishankar, DIRECTOR, GROUP MATERIALS RESEARCH, INDIA PISTONS LTD.

* Required

Email *
skskashok@gmail.com

Name of the Participant (Please Use Capital Letter) *
S.Santhanakrishnan

Name of the Institution / Organization (Please Use Capital Letter) *
Meenakshi Sundararajan Engineering College

City (Please Use Capital Letter) *

City (Please Use Capital Letter) *
Walajapet

State (Please Use Capital Letter) *
Tamil Nadu

Country (Please Use Capital Letter) *
India

The information presented in the session was useful *

Fair	1	2	3	4	5	Excellent
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	

The Subject matter was presented effectively *

	1	2	3	4	5
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

The Subject matter was presented effectively *

Strongly Disagree	1	2	3	4	5	Strongly Agree
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	

The duration of the session was sufficient to get an overview of the topic *

Strongly Disagree	1	2	3	4	5	Strongly Agree
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	

Overall FDP Organisation *

Fair	1	2	3	4	5	Excellent
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	

Among all the content discussed in today's session, mention the topic which was interesting and useful to you? *

Nice session

Submitted 6/26/20, 12:15 PM



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FACULTY ENHANCEMENT WEBINAR ON EXCELLENCE IN CIVIL ENGINEERING

INVITATION



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363, Arcot Road, Kodambakkam, Chennai - 24

DEPARTMENT OF CIVIL ENGINEERING
(Accredited by the National Board of Accreditation)

FACULTY ENHANCEMENT WEBINAR
on
"EXCELLENCE IN CIVIL ENGINEERING"

INAUGURATION on 29th JUNE 2020 at 10.45 a.m.

	Date : 29-06-2020 Topic : Earthquake Resistant Structures Resource Person : Dr. B. Kavitha, Assistant Professor, NIT - Warrangal	Time: 11 a.m. - 12 p.m.
Date : 30-06-2020 Topic : Industrial Structures (Pre- Engineering Buildings) Resource Person : M. N. Dinesh, Principal Project Officer, IIT - Madras		Time: 11 a.m. - 12 p.m.
	Date : 01-07-2020 Topic : Shell Structures Resource Person : Prof. P. Sachithanatham, HOD, Sri Lakshmi Ammal Engg. College	Time: 11 a.m. - 12 p.m.
Date : 02-07-2020 Topic : A Dynamical systems based approach Resource Person : Dr. R. Arivazhagan, Associate Professor, MSEC		Time: 11 a.m. - 12 p.m.



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REPORT

MSEC organized one day webinar on excellence in civil engineering.in that nearly 90 participants actively participated and gained knowledge .the resource persons mainly insisted the following five major goals.

- Creativity and flexibility. Engineers are known to design under constraint, but that doesn't mean the creative aspect of their designs must suffer. ...
- Communication Skills. ...
- Technical Skills. ...
- Project Management. ...
- Critical Thinking

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Administrative training program for non teaching staffs
LAB SAFETY AND LAB PROCEDURES-INVITATION

 **MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE**
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NBA for Programs Applied)
363, Arcot Road, Kodambakkam, Chennai - 600 024.

The Management, Principal, Staff & Students
Cordially invite you to

**Lab Safety & Lab procedures
manual Guidelines**

21st March 2021 | 3.00 pm

Guest Speaker
Mr. JEYA CHANDRAN
Annai Instruments, Chennai

**VENUE : MEENAKSHI SUNDARARAJAN ENGINEERING
COLLEGE**

 www.msec.edu.in  044-2480 1636  principal@msec.edu.in



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REPORT

Topic: Lab safety and Lab procedures manual guidelines

Inaugurated on: 21 march, 2021

Chief Guest: Malini Gayathri/civil and Mr.Jeya chandran/Annai instruments

A guidance program on lab procedures and lab safety took place on March 23 in the year 2021. It was to recall the faculties about the lab guidelines and ensure maximum safety. Wearing lab coats when necessary, handling electronic equipment with care, switching on and off the equipment correctly are some of the basic and obligatory guidelines that must be followed. This program makes it easy for the faculties to educate the students.



Photograph taken at 21st march 2021

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CIRCULAR

Administrative training program on Lab safety and lab procedures on 21.03.2021 by

Mrs.Malini gayathri and Mr.Jeyachandran for non teaching staffs of Meenakshi Sundararajan Engineering college.In this all faculties are invited to attend without fail.

Venue:ECE seminarv hall
Time:10.00 am

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ATTENDANCE

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
Administrative Training Program for Non Teaching Staffs
Lab safety and Lab procedures manual guidelines
DATE: 23.03.2021

ATTENDANCE		
S.NO	NAME	SIGNATURE
1	Mr.T.R.Sunçaram	
2	Mrs.V.Ramadevi	
3	Mrs.P.Vatchala Devi	
4	Mrs.V.Kanchana	
5	Mrs.N.Lalitha	
6	Mr.E.Selvakumar	
7	Mrs.Vaidehi Sridhar	
8	Mr.Sureshkumar	
9	Mr.F.Rajkumar	
10	Mr.P.Sivaraja	
11	Ms.Indhumathi	
12	Mr.C.S.Raju	
13	Mrs.K.Leelavathi	
14	Ms.M.L.eemaplaris	
15	Mr.P.Vijayan	
16	Ms.Annamayil	
17	Mr.C.Sampath	
18	Mr.M.Sagayam	
19	Mr.M.Maria Francis	
20	Mr.M.Jayaraman	
21	Mr.C.H.Devadass	

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email Id: principal@msec.edu.in
Website : www.msec.edu.in

NCAET 2021-BROCHURE

<p>Participants are requested to register their names by intimating in advance. Registration fees for conference participants are as follows:</p> <p>UG/PG student :Rs. 200/- Research Scholars/ Academic delegates :Rs. 300/- Industry delegates :Rs. 400/-</p> <p>IMPORTANT DATES: Submission of full Paper : 26th MAR, 2021 Notification of acceptance : 03rd APR, 2021 Camera ready paper in Softcopy with registration fee : 07th APR, 2021 All the payments must be made in the form of DD in favour of MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE-SEMINAR FUND, payable at Chennai.</p>	<p align="center">ORGANIZING COMMITTEE:</p> <p>CHIEF PATRON : :Dr. K. S.LAKSHMI, Correspondent, MSEC</p> <p>PATRON : :Dr. K. S.BABAI, Secretary,MSEC</p> <p>CHAIRMAN : :Dr. K.UMARANI, Dean Academics, MSEC Dr. P.K.SURESH, Principal, MSEC</p> <p>VICE CHAIRMAN: :Ms.SJI SIVANANDAN, HOD, ECE</p> <p>CONVENOR: :Mrs.B.SARASWATHY, AP,ECE</p> <p>CO-CONVENOR: :Mr.S.SATHEESH KUMAR, AP,ECE</p> <p>ORGANIZING SECRETARIES :Mr.A.VELU, AP, ECE Ms.S.SINDHU, AP,ECE</p>	  <p align="center">8TH NATIONALCONFERENCE ON ADVANCEMENT IN EMERGING TECHNOLOGIES NCAET-2021</p> <p align="center">(10TH APRIL 2021)</p>
 <p align="center">Scan QR to register</p>	<p align="center">ADVISORY COMMITTEE:</p> <p>Dr. B.MONICA JENEFER,HOD & Asso. Prof.,CSE,MSEC Dr. A.KANIMOZHI,HOD & Asso. Prof.,IT,MSEC Mrs.S.SOUNDARA BALA,HOD, EEE, MSEC Mrs.K.RAJESHWARI,Asso. Prof.,EEE,MSEC Dr.M.A.BHAGYAVENI,Prof. ECE,CEG,Chennai</p> <p align="center">TECHNICAL COMMITTEE:</p> <p>Dr.N.USHA BHANU, Prof., ECE Dept, SRM Valliammai Engineering College, Chennai Dr.R.VANI, Prof., ECE Dept, SRM Institute of Science & Technology, Chennai Dr.R.GAYATHRI, Asso. Prof., Sri Venkateswara College of Engineering, Chennai Mr.K.SIVARAJAN, M.E, Senior Engineer Ericsson India Global Services Pvt. Ltd, Chennai Mr.N.S.BHARATH KUMAR Technical specialist, Carrier, Hyderabad Mr.KISHORE KUMARAN, Director, Missile Ingeniator, Chennai</p>	

<p>The Department of Electronics and Communication Engineering was started in the year 2001 with the inception of the College. This twenty-year-old department shares the mission and vision of the Institute in imparting quality education to the students. The department has been efficacious in offering its students the opportunity to work on diverse platforms with eight well equipped laboratories with the latest hardware and software facilities sufficient to quench the thirst of budding engineers. Our alumni have brought laurels to the Institution by securing 46 university ranks so far. This conference on 10th April 2021, being the 8thNational Conference on Advancement in Emerging Technologies (NCAET), the department has also conducted an International Multi-Disciplinary Conference on Solar Energy (IMDCSE) in 2012 , a National Conference on Recent trends in Electronics and Communication Engineering (NRIECE), an International Conference on VLSI and Communication Systems (ICVLSI COM-10) , various technical seminars, guest lectures and industrial visits every year to further enhance the student's knowledge.</p>	<p>Meenakshi Sundararajan Engineering College (MSEC) is a part of the prestigious KRS Group of Institutions which also includes the renowned IIT (Indian Institute of Engineering Technology) established in 1947 by our Founder Late Shri K.R.Sundararajan. The college was established in July 2001 by the dedicated efforts of Dr.K.S.Lakshmi and Dr.K.S.Babai, the illustrious daughters of our founder Shri K.R.Sundararajan. The management strives constantly to be a Centre Of Excellence that imparts education to students, grooming their overall personality face the challenges of the industry and the nation at large.</p> <p>The aim of the conference is to help connect the dots that needs to be connected. The world appears increasingly complex, and to grab and develop the opportunities ahead we need a wider perspective. This conference provides an opportunity for students, experts from institutions and industries to discuss and share their experiences in the emerging recent trends of Electronics & Communication. This event is a forum to put forth various innovative research ideas of various domains in the electronics and communication field.</p>	<p>Original contributions of on-going research & published research works/ surveys are expected. Authors are requested to submit a soft copy of full length research paper for presentation in the following format:</p> <p>Paper format: IEEE double column, A4 four pages. All papers have to be sent by mail.</p> <p>Font type: Times New Roman, Font size-10</p> <p>Paper title: Center and bold, Font size-14.</p> <p>The topics of interest include, but are not limited to the following research areas:</p> <ul style="list-style-type: none"> •Signal & Image processing •Wireless communication for future networks •Machine Learning and AI •Opto Electronics •Biomedical Instrumentation & Telemedicine •Fuzzy system & Neural networks •Antenna & Microwave emerging Technology •VLSI & Embedded systems •Internet Of Things(IOT) •Nanotechnology •MEMS •Robotics
---	--	---


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INVITATION

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The Department of
**ELECTRONICS AND COMMUNICATION
ENGINEERING**
Accredited by National Board of Accreditation (NBA)

Cordially Invite you to the
**National Conference on
Advancement in Emerging Technologies**

NCAET 2021
On
Saturday 10th April

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
#363, ARCOT ROAD, KODAMBAKKAM, CHENNAI- 600 024.

AGENDA

INAUGURATION (9:00 AM TO 10:00 AM)

- WELCOME ADDRESS
- KEYNOTE ADDRESS BY
Dr. N. Venkateswaran, Professor,
Department of ECE, SSN, Chennai
Chairman - IETE Chennai Centre

TECHNICAL PRESENTATION (10:00 AM TO 12:30 PM)

- CHAIR PERSON SESSION I
Mrs. T. J. Jeyaprabha,
Assistant Professor, Department of ECE,
SVCE, Chennai,
Honorary Treasurer - IETE Chennai Centre
- CHAIR PERSON SESSION II
Mr. S. Ilaiyaraja,
Assistant Professor, Department of ECE,
Velammal Institute of Technology,
Chennai
- CHAIR PERSON SESSION III
Dr. M. Manikandan,
Associate Professor, Department of ECE,
MIT, Chennai

FEEDBACK

VOTE OF THANKS

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REPORT

NATIONAL CONFERENCE ON ADVANCEMENTS IN EMERGING TECHNOLOGIES NCAET (10TH APRIL 2021)

ABOUT THE CONFERENCE:

The aim of the conference is to help connect the dots that needs to be connected. The world appears increasingly complex, and to grab and develop the opportunities ahead we need a wider perspective. This conference provides an opportunity for students, experts from institutions and industries to discuss and share their experiences in the emerging recent trends of Electronics & Communication. This event is a forum to put forth various innovative research ideas of various domains in the electronics and communication field.

ABOUT THE INSTITUTION:

Meenakshi Sundararajan Engineering College (MSEC) was established in July 2001 by the dedicated efforts of Dr.K.S.Lakshmi and Dr.K.S.Babai, the illustrious daughters of our founder Shri K.R.Sundararajan. The management strives constantly to be a Centre of Excellence that imparts education to students, grooming their overall personality face the challenges of the industry and the nation at large.

KEYNOTE SPEAKER:

Honorable Keynote Speaker is Dr.N.Venkateswaran, Professor, Dept of ECE,SSN,Chennai.

He was delivered an interesting speech on the wireless technology beyond 5G. He has begun the session with Evolution and requirements of 5G .Terahertz (THz) transmission is a **complementary wireless technology for communication networks**, which allow high-speed wireless extension of the optical fibers for Beyond 5G. Further he discussed about the Intelligent Reflecting Surface (IRS) is a revolutionary technology which is **able to improve the performance of wireless data transmission system**.

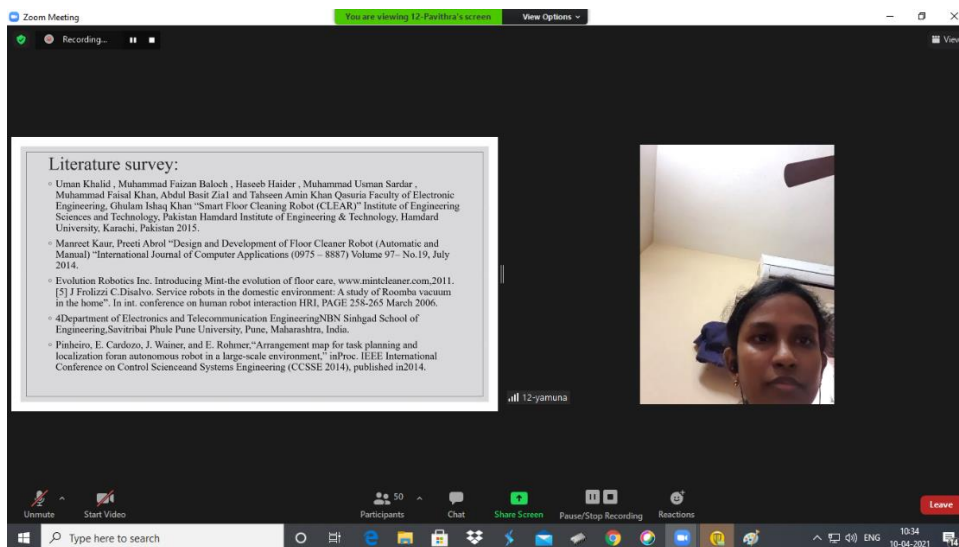
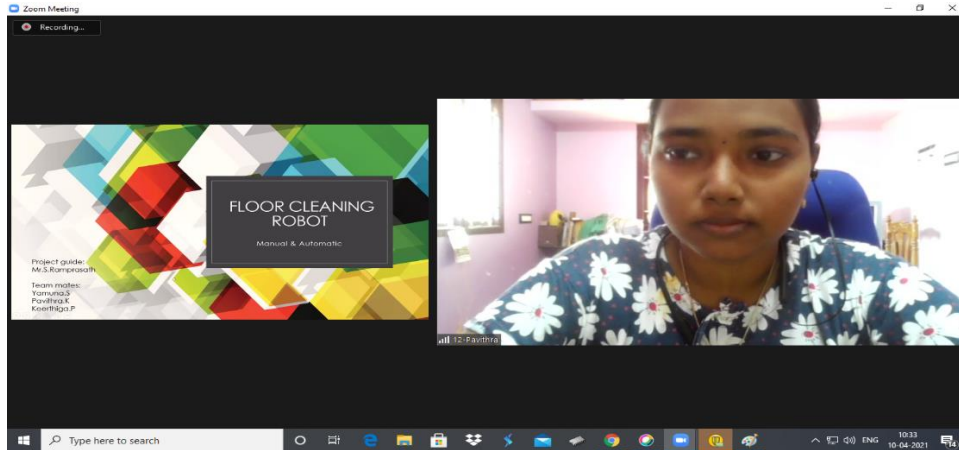
Thus the session was successfully ended with lots of useful information.


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SCREENSHOTS




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Zoom Meeting

Recording...

- **LIGHT DEPENDENT RESISTOR (LDR) :**
A light dependent resistor works on the principle of photoconductivity. Photo conductivity is an optical phenomenon in which the materials conductivity is increased when light is absorbed by the material.
- **SOLAR PANEL :**
A solar panel is actually a collection of solar cells, which can be used to generate electricity through photovoltaic effect. These cells are arranged in a grid-like pattern on the surface of solar panels.
- **RELAY BOARD:**
Relays are simple switches which are operated both electrically and mechanically by an electromagnet and also a set of contacts. The switching mechanism is carried out with the help of the electromagnet. The main operation of a relay comes in places where only a low-power signal can be used to control a circuit.

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CERTIFICATE

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**NATIONAL CONFERENCE ON ADVANCEMENT IN
EMERGING TECHNOLOGIES**

**CERTIFICATE OF APPRECIATION
NCAET-2021**

*This is to certify that Prof./Dr./Mr./Ms./Mrs. YAMUNA SELVARAJ
of SARANATHAN COLLEGE OF ENGINEERING has presented a paper
titled Design and Development of Floor cleaning Robot
in the 8th National Conference on Advancement in Emerging Technologies (NCAET-2021) organised by the
department of Electronics and Communication Engineering, Meenakshi Sundararajan Engineering College,
Chennai on 10th April, 2021*


Ms. Siji Sivanandan
HOD-ECE


Dr. K.S. Babai
Secretary


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**BASIC MS OFFICE TRAINING PROGRAM
INVITATION**

ADMINISTRATIVE TRAINING PROGRAM

**BASIC MS
OFFICE
TRAINING**

APRIL 20 2021
VENUE MSEC IT SEMINAR HALL
RESOURCE PERSON-M.KISHORE/MISSILE INGENIATOR

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REPORT

Topic: Basic MS office training

Inaugurated on: 20.04.2021

Chief Guest: M.KISHORE

MISSILE INGENIATOR

Administrative training program on BASIC MS office was conducted with the principal aim of making the skills of the faculties stronger in using those tools. Nowadays, knowing excel, word and other MS office tools is a basic requirement as it helps in making their work much better. It reduces the complexity of the work done by them.



Photograph taken at april 20 2021


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CIRCULAR

Administrative training program on BASIC MS OFFICE TRAINING on 20.04.2021 by M.KISHORE/MISSILE INGENIATOR for non teaching staffs of Meenakshi Sundararajan Engineering college. In this all non teaching faculties are invited to attend without fail.

Venue: IT SEMINAR HALL
Time: 10.00 am

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ATTENDANCE

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
Administrative Training Program for Non Teaching Staffs
Basic MS office training
DATE: 20.04.2021

ATTENDANCE		
S.NO	NAME	SIGNATURE
1	Mr.Sureshkumar	
2	Mr.E.Rajkumar	
3	Mr.P.Sivaraja	
4	Ms.Indhumathi	
5	Mr.C.S.Raju	
6	Mrs.K.Leevathi	
7	Ms.M.Leevaparis	
8	Mr.P.Vijayan	
9	Ms.Annamayil	
10	Mr.C.Sampath	

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5 DAY FACULTY DEVELOPMENT
PROGRAMME

REPORT

TRAILBLAZING PRACTICES IN
GEOTECHNICAL ENGINEERING

(07.06.2021 - 11.06.2021)
MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

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1. Introduction

ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING

Trailblazing Practices in Geotechnical Engineering 5-Days AICTE sponsored workshop was conducted from 7th to 11th June 2021 in which more than 150 participants have actively participated from different parts of the country.

India has been ranked in top 10 fastest growing economies in the world as per IMF, UN and World Bank. We have a number of new infrastructure projects under progress across the country, creating opportunities for civil engineers in which Geotechnical Engineering plays a vital role of executing project life cycle. Right from ground improvement to tunneling in difficult terrains, geotechnical research has gained momentum in the past decade. This faculty development programme is set to establish a pivotal role by focusing on a variety of sophisticated technologies through interactive modules in the area of geotechnical research with emphasis on phenomenon of soil testing and techniques for characterization, modelling of soil, applications of terramechanics, appertaining shell foundations, case studies of challenges in deep excavation & trenching, sustainable geomechanics and environmental geotechnology. This Faculty Development Programme is set to focus on a variety of sophisticated and lesser discussed areas of Soil and Foundation Engineering, from Terramechanics to Finite Element Analysis. Sessions on Statistical Characterization of Sandy soils, Material Model parameters of Soils, and Soil Deformation Behaviour Phenomena are idealized. In addition, Knowns and Unknowns of Soil Testing and Application of Shells in Foundations also hit the agenda. Interactive modules on Case Studies on Challenges in Deep Excavation and Trenching and Sustainable Geomechanics are also scheduled.



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2. Coordinator application and profile

Co-ordinator

arivu000@gmail.com

Submitted Applications

Edit Resource Person

Profile

Workshops

Applied Participants

Approved Participants

Test Marks

Feedbacks

Co-ordinator Applications

Please read online scheme document 2021-2022 carefully before applying.

Please read full face to face scheme document 2021-2022 carefully before applying.

Click here for portal guide

1

Application Number:
1614410893

Status: Accepted

Preview

Co-ordinator

arivu000@gmail.com

Submitted Applications

Edit Resource Person

Profile

Workshops

Applied Participants

Approved Participants

Test Marks

Feedbacks

Co-ordinator Profile

Co-ordinator Details

Name:	Dr. R.ARIVAZHAGAN
Gender:	Male
Date of birth:	1963-06-02
Phone:	9003116690
Email:	arivu000@gmail.com

Edit

Show all


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ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING

The screenshot shows a web browser window displaying the 'Co-ordinator Details' page. The browser address bar shows 'atalacademy.aicte-india.org/co-ordinator/application-preview/1614410893'. The page has a sidebar on the left with navigation options: Submitted Applications, Edit Resource Person, Profile, Workshops, Applied Participants, Approved Participants, Test Marks, Feedbacks, Attendance, and Certificate. The main content area is titled 'Co-ordinator Details' and contains the following information:

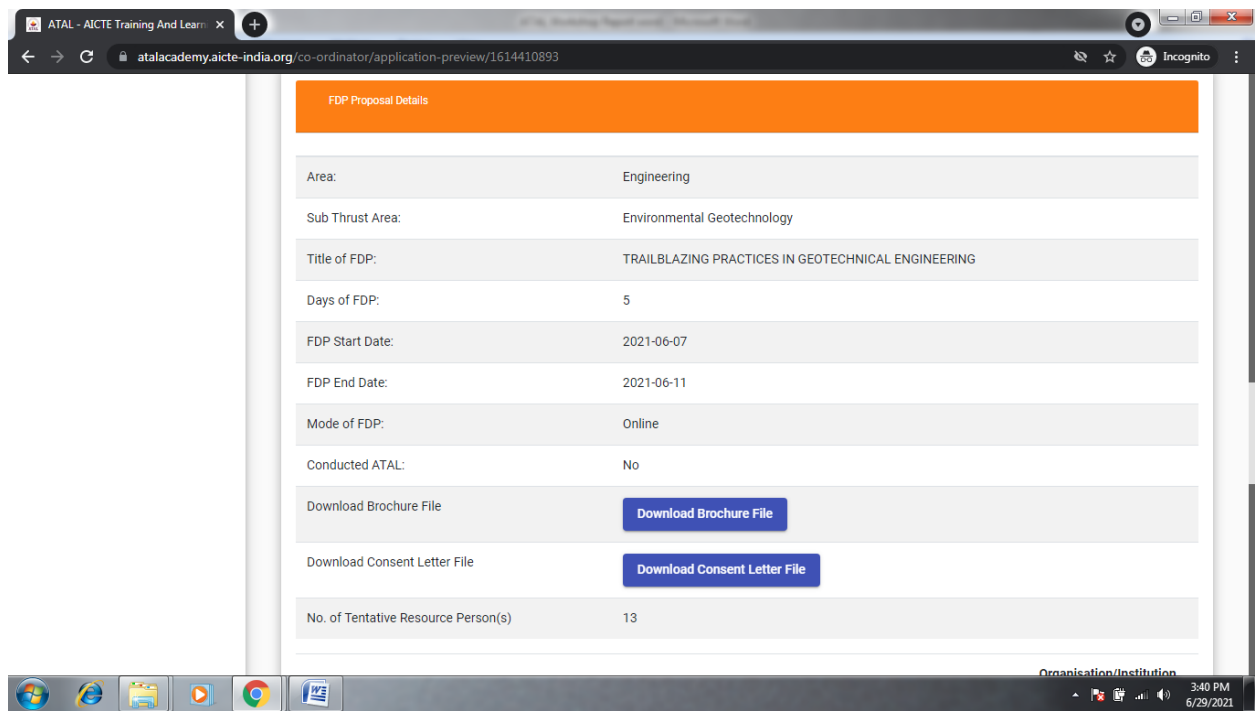
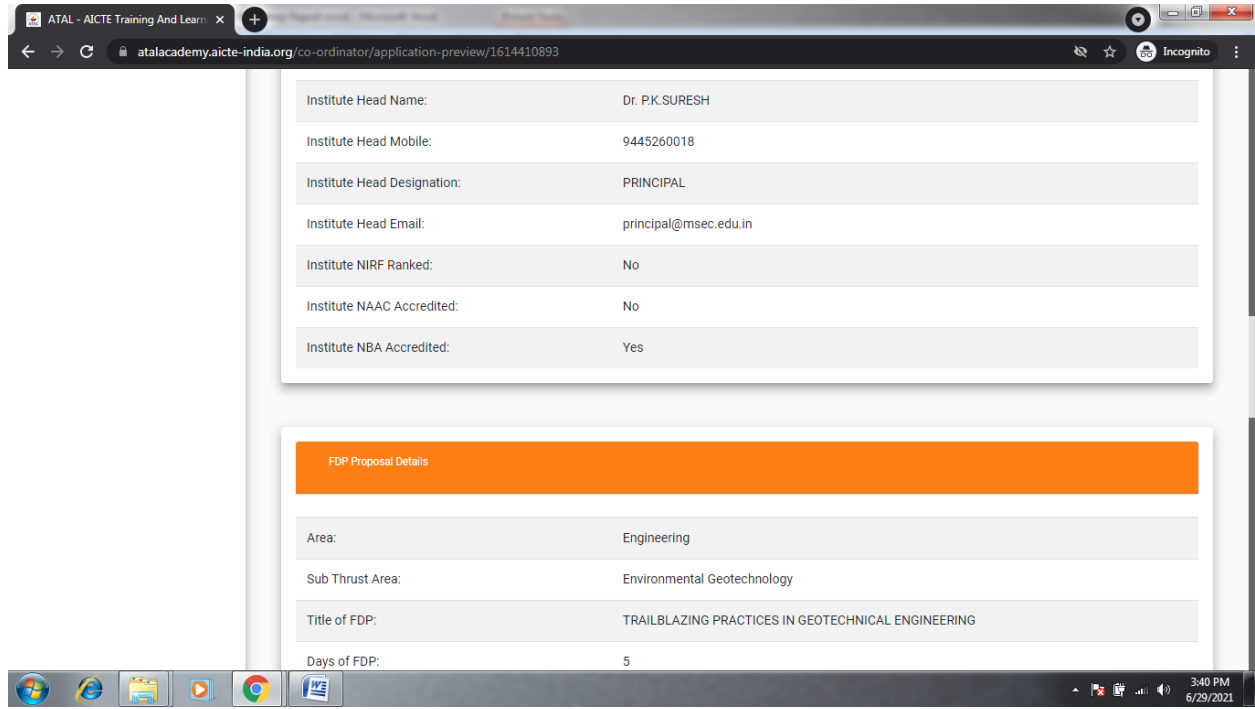
Name:	Dr. R. ARIVAZHAGAN
Gender:	Male
Date of birth:	1963-06-02
Father's Name:	P.RENGASAMY
Phone:	9003116690
Whatsapp Number:	9003116690
Email:	arivu000@gmail.com
Alternate Email:	
Employee ID:	3115067
Designation:	Assistant Professor
Specialistaion:	Geotechnical Engineering
Experience of Teaching:	14 Years 5 Months
Address:	: A3, R.E. Apartments Krishnapuram Street, Choolaimedu, Chennai

The screenshot shows a web browser window displaying the 'Institute Details' page. The browser address bar shows 'atalacademy.aicte-india.org/co-ordinator/application-preview/1614410893'. The page has a sidebar on the left with navigation options: Submitted Applications, Edit Resource Person, Profile, Workshops, Applied Participants, Approved Participants, Test Marks, Feedbacks, Attendance, and Certificate. The main content area is titled 'Institute Details' and contains the following information:

Institute Name :	MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
Institute Address :	363, Arcot Road, Kodambakkam, Chennai Tamilnadu, India
Institute State :	TAMIL NADU
Institute District:	Chennai
Institute Pincode:	600024
Institute Town/Village:	CHENNAI
Institute Type:	Private Unaided
Intake Capacity:	60
No. of Labs:	12
Institute Website:	http://msec.edu.in/
Institute Head Name:	Dr. P.K.SURESH


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ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING



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3. Consent letter

	MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE (Managed by L.L.E.T Society) 363, Arcot Road, Kodambakkam, Chennai – 24
---	---

Dr. P.K.SURESH, B.Tech.,MS(IITM),Ph.D(IITM) ☎ 9445260018
PRINCIPAL

Date: 01/03/2021

To
**The Director,
AICTE Training and Learning (ATAL) Academies,
All India Council for Technical Education, New Delhi.**

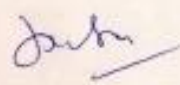
Sub: Consent to organize online AICTE Training and Learning (ATAL) FDP at Meenakshi Sundararajan Engineering College ,Kodambakkam, Chennai

Dear Sir,

I am pleased to consent to organize an **AICTE Training and Learning (ATAL) FDP** at our institute on **Trailblazing practices in Geotechnical Engineering** from 07/06/2021 to 11/06/2021. The proposed FDP, if approved, will be coordinated by Dr.R.Arivazhagan.

This is also confirmed that maximum 5 best proposals are being consented from this institute as maximum 5 proposal are allowed for a year

Sincerely,



Dr.P.K.Suresh

Chennai
01-03-2021

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ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING

4. Brochure of ATAL- FDP

Organized by
DEPARTMENT OF CIVIL ENGINEERING
MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
(Managed by I.I.T Society)

ABOUT THE COLLEGE

Meenakshi Sundararajan Engineering college was established in 2001 by the Indian Institute of Technology and founded by late Prof.K.R.Sundararajan with a vision of making it a centre of excellence in the field of engineering. The institute offers UG programmes in Civil, CSE, EEE, ECE, Mechanical & IT and a P.G. programme in Construction engineering and Management. The institute imparts knowledge and skills with excellent learning facilities for practical training to the youth. The college has signed MOUs with research organisations and industries to provide constant interaction in the areas of technology development, student training, curriculum and establishing state-of-art-centres of excellence. Encouraging and incubating the spirit of innovation is the hallmark of the institution.

ABOUT THE DEPARTMENT

The Department of Civil Engineering, accredited by NBA, was started in the year 2002. The Department with an (O students) chapter has a distinct association with PWD, Highway department, TNAD, SERC, CMRL, URC, Koothala Infrastructures, Chennai Port Trust, Metro Water, I.L.T. Unicon structural Systems and Langdressearth. The department regularly conducts national & international seminars, conferences, workshops, FDPs to keep the faculty and students updated on the trends and latest research areas in the field of Civil Engineering. Ever since its inception, the department has been providing induction and orientation on the opportunities available in various PSUs. This has paid rich dividends as many alumni have been well placed in prestigious PSUs. A number of our brilliant students have successfully completed their research in IITs and in Universities abroad while a good number are exemplary entrepreneurs.

ABOUT THE FDP

India has been ranked in top 10 fastest growing economies in the world as per IMF, UN and World Bank. We have a number of new infrastructure projects under progress across the country creating opportunities for civil engineers in which Geotechnical Engineering plays a vital role of executing project life cycle. Right from ground improvement to tunneling in difficult terrains, geotechnical research has gained momentum in the past decade. This faculty development programme is set to establish a pivotal role by focusing on a variety of sophisticated techniques through interactive modules in the area of geotechnical research with emphasis on phenomenon of soil testing and techniques for characterization, modelling of soil, applications of terramechanics, supporting shell foundations, case studies of challenges in deep excavation & trenching, sustainable geotechnics and environmental geotechnics.

The Faculty Development Programme is set to focus on a variety of sophisticated and lesser discussed areas of Soil and Foundation Engineering, from Terramechanics to Finite Element Analysis, Sessions on Statistical Characterization of Sandy soils, Material Model parameters of Soils and Soil Deformation Behaviour Phenomena are idealized. In addition, Known and Unknowns of Soil Testing and Application of Shells in Foundations also fit the agenda. Interactive modules on Case Studies on Challenges in Deep Excavation and Trenching and Sustainable Geotechnics are also scheduled.

EXPECTED OUTCOME

- This FDP is intended to increase the awareness of the participants in the current and most recent developments in geotechnical Engineering and research.
- It is aimed to provide a platform for exhibiting new ideas and scope for development in geotechnical engineering practice and research.
- The programme intends to impart a clear understanding of the criteria for selection of suitable soil type for specific purposes, thereby to appropriately propose the design.
- The participants will also be able to apply numerical and finite element techniques for solving complex geotechnical problems, thus enabling a better understanding of the practical scenarios.
- Interactive sessions would also give a general exposure to the professional practices pertaining to the industry.

COURSE CONTENTS

- An Overview of Soil Investigation.
- Influence of grain size and their distribution of sand in sedimentary environments.
- Study of Various Phenomena behind the Soil Deformation Behaviour.
- Learning the future perspective of Sustainable Geotechnics and Geoenvironments.
- Study of Sustainable Practices and High Rise Building.
- Evaluation of Material Model Parameters of Sand, Silt and Sand-Silt Mixtures.
- Case Studies in Challenges in Deep Excavation and Tunneling Works in Urban Areas.
- Soil Testing and Estimation of SBC using Standard Penetration Tests.
- Study of Numerical Methods in Geotechnical Engineering.
- The Behaviour of Piles and Piled Raft.
- Geotechnical Finite Element Analysis using Programming Interface.
- Detailed study in Application of Shells in Foundations.
- Stress management, human values, ethics, health and happiness.

INSTRUCTIONS FOR PARTICIPANTS

The faculty members of the ANICE approved institutions, research scholars, PG Scholars, participants from Government, Industry (Bureaucrats/Technicians/Participants from industry etc) and staff of host institutions are eligible to participate. No registration fees, a Certificate will be provided for all the active participants. FDP e-link invite to join the program and other instructions will be shared via e-mail to all registered participants. Participants should have good internet connection to access uninterrupted live streaming of sessions. Test and assignments will be conducted at the end of FDP.

COURSE SCHEDULE & RESOURCE PERSONS			CHIEF PATRONS
07/06/2021 MONDAY	08:30 AM to 09:00 AM	Inaugral Speech - Dr.K.S.Babai, Secretary and Dr.P.K.Suresh, Principal	
	09:00 AM to 10:45 AM	Known and Unknowns of Soil Testing and Estimation of SBC using Standard Penetration Tests - Dr.P.Anbazhagan, Associate Professor, IISc, Bangalore	
	11:00 AM to 12:45 PM	Sustainable Practices and High Rise Buildings - Dr.G.R.Dodagoudar, Professor, IIT Madras	
08/06/2021 TUESDAY	09:00 AM to 10:45 AM	Understanding Perception, Conscious and Subconscious Mind and Meditation - Swami Surarchitananda, Sri Ramakrishna Math, Chennai	
	11:00 AM to 12:45 PM	Introduction to Terramechanics - Dr.S.Jayalekshmi, Professor, NIT Tiruchirappalli	
	02:00 PM to 03:45 PM	Soil Investigation an Overview - Dr.P.Asha, Professor and HoD (Incharge), St.Peter's Institute of Higher Education and Research, Chennai	
09/06/2021 WEDNESDAY	09:00 AM to 10:45 AM	Various Phenomena behind the Soil Deformation Behaviour - Dr.R.Arivazhagan, Assistant Professor, Meenakshi Sundararajan Engineering College, Chennai	
	11:00 AM to 12:45 PM	Evaluation of Material Model Parameters of Sand, Silt and Sand-Silt - Dr.K.Premalatha, Professor, CEG Guindy, Anna University, Chennai	
	02:00 PM to 03:45 PM	Geotechnical Finite Element Analysis using Programming Interface - Mr.M.Shivaditya, Marine Geotechnical Engineer, COWI	
10/06/2021 THURSDAY	09:00 AM to 10:45 AM	Numerical Methods in Geotechnical Engineering - Dr.Sawant Vivas A, Professor, IIT Roorkee	
	11:00 AM to 12:45 PM	Importance and Need for Observational Studies on the Behaviour of Piles and Piled Raft - Dr.V.Balakumar, Senior Consultant, Simplex Infrastructures Ltd	
	02:30 PM to 03:45 PM	Application of Shells in Foundations - Prof.P.Sachithanantham, HoD, Sri Lakshmi Ammal Engineering College	
11/06/2021 FRIDAY	09:00 AM to 10:45 AM	Case Studies in Challenges in Deep Excavation and Tunneling Works in Urban Areas - Dr.R.Ayothiraman, Professor, IIT Delhi	
	11:00 AM to 12:45 PM	Statistical Characterisation of Grain Size Distribution in Sandy Soils - Dr.R.Arivazhagan, Assistant Professor, Meenakshi Sundararajan Engineering College, Chennai	
	02:00 PM to 03:45 PM	Valedictory Function Feedback, Test and Assignments. Vote of Thanks by Dr.L.Ramajeyam, HOD / Dean-PG Studies	

COORDINATOR
Dr.R.Arivazhagan
Assistant Professor

STAFF IN-CHARGE
Mrs.UN. Malambal
Associate Professor

ORGANIZING SECRETARY
Mrs.G.Anbu Neema, AP
Mrs.K.N. Thya, AP
Mr.S.Saravanan, AP
Mr.S.Barath Raj, AP

ORGANIZING COMMITTEE
Mrs.M.Malini Gayathri, AP
Mr.N.Ravikumar, AP
Mrs.M.S.Jayalakshmi, AP
Mr.G.Amirtha Gokul, AP

For any queries, contact:
9003116690, 7397086668, 9003252602
email-id: civil@ven2022msec@gmail.com
www.msec.edu.in

PRINCIPAL
 MEENAKSHI SUNDARARAJAN ENGINEERING COL
 363, ARCOT ROAD, TODDAMBALAKKI
 CHENNAI-600 026

5. Approved applications of resource persons

Accepted Applications

Sr. No.	Application	View
1	1614410893	

Resource person(s) for 1614410893 [Add](#)


Name	Number	Email	Specializaion	Country	State	City	Organisation/Institution Name
Dr. Anbazhagan P	9448100410	anbazhagan@iisc.ac.in	Geophysical & Geotechncial testing and Engineering	India	Karnataka	Bangalore	IISC Bangalore
Dr. G. R. Dodagoudar	9840328754	goudar@iitm.ac.in	Soil Mechanics and	India	Tamil Nadu	Chennai	IIT Madras

Name	Number	Email	Specializaion	Country	State	City	Organisation/Institution Name
Dr. G. Janardhanan	9445520968	jana@nitttrc.ac.in	Sustainable Development and Landuse and Landcover Management	India	Tamil Nadu	Chennai	NITTR
Mr. Swami Surarchitananda	9087968595	surarchitananda@rkmm.org	Spiritual and Religious Service	India	Tamil Nadu	Chennai	Sri Ramakrishna Math
Dr. S. Jayalekshmi	9790110651	jaya@nitt.edu	Geotechnical Engineering	India	Tamil Nadu	Tiruchirappalli	NIT Trichy
Dr. PAsha	8825630409	ashap1905@gmail.com	Structural Engineering	India	Tamil Nadu	Chennai	St.Peter's Institute of Higher Education and Research
Dr. R.Arivazhagan	9003116690	arivu000@gmail.com	Soil Dynamics and Material Model Study	India	Tamil Nadu	Chennai	Meenakshi Sundararajan Engineering College
Dr. K.Premalatha	9566003802	kvprema@annauiiv.edu	Soil Mechanics and	India	Tamil Nadu	Chennai	CEG, Anna University


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ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING

Name	Phone Number	Email	Specialization	Country	State	City	Institution/Organization
Dr. K.Premalatha	9566003802	kvprema@annaiv.edu	Soil Mechanics and Foundation Engineering	India	Tamil Nadu	Chennai	CEG, Anna University
Mr. M.Shivaditya	9445891757	shivadityaa@gmail.com	Soil Dynamics	India	Tamil Nadu	Chennai	COWI
Dr. Sawant Viswas A	9410327328	vishwas.sawant@ce.iitr.ac.in	Geotechnical Engineering	India	Uttarakhand	Dehradun	IIT Roorkee
Dr. V.Balakumar	9841025210	vb_kumar2002@yahoo.com	Pile Foundations	India	Tamil Nadu	Chennai	Simplex Infrastructures Ltd
Mr. P.Sachithanantham	9444649032	sachugcivil@gmail.com	Structural Engineering and Funicular Concrete Shell Foundation	India	Tamil Nadu	Chennai	Sri Lakshmi Ammal Engineering College
Dr. R.Ayothiraman	9868182877	araman@civil.iitd.ac.in	Soil Dynamics and Earthquake Engineering	India	Delhi	Delhi	IIT Delhi


 PRINCIPAL
 MEENAKSHI SUNDARARAJAN ENGINEERING COL.
 363, ARCOT ROAD, KODAMBAKKAN,
 - CHENNAI-600 026

6. Mandate form

All India Council for Technical Education
Nelson Mandela Marg, Vasant Kunj, New Delhi-110019

Mandate Form for Institute/College/University/Other Organisations

1	Name of the Beneficiary Institute	MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
2	Permanent ID of the Institute, if any	1 - 6312054
3	Head of the Institute (Tick One)	Director/Registrar/Principal/Others (Pl. specify)
4	Type of Institute (Tick One)	Govt./Govt. aided/Self Finance/Private etc.
5	Address of the Institute	NO. 363, ARCOT ROAD, KODAMBAKKAM, CHENNAI-600 024
6	PAN No. of the Institute	[I I E T] AA A T T 2 7 6 8 C
7	GST No., if allotted	-
8	E-mail ID of the Head of the Institute	principal@msc.edu.in
9	Name of the Bank	STATE BANK OF INDIA
10	Branch Name & Branch Code	KODAMBAKKAM & 001444
11	Address of the Bank with Pin Code	NO. 7 1st MAIN ROAD, UNITED INDIA COLONY, KODAMBAKKAM CHENNAI-24
12	Telephone No. of the Bank	24733421 & 24234128
13	Name of the Account Holder with Designation	MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
14	Account Type (Tick One)	Savings/Current
15	Account Number	10710433057
16	Bank Branch IFSC Code	SBIIN0001444
17	Bank Branch MICR Code	600002022
18	Whether the Account is in the Name of Beneficiary Institute (Tick One)	Yes/No
19	Whether the Account is Operational (Tick One)	Yes/No
20	Whether the Account is a No-Frill Account (Tick One)	Yes/No
21	Whether the Account is Joint Account (if yes give details)	Yes/No

It is declared that all information provided above are true and correct in all respects.

SECRETARY
MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
Date: 363, ARCOT ROAD, KODAMBAKKAM, CHENNAI-600 024

For STATE BANK OF INDIA
Certified by Assistant Manager (01444)
on (Date) 15/07/2018
N5018
(Banker's Signature with Seal)

PRINCIPAL
 MEENAKSHI SUNDARARAJAN ENGINEERING COL
 363, ARCOT ROAD, KODAMBAKKAM
 CHENNAI-600 024

7. Sanction order from ATAL-AICTE



All India Council for Technical Education
 (A Statutory body under Ministry of HRD, Govt. of India)
 Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org



AICTE TRAINING AND LEARNING (ATAL) ACADEMY (ONLINE FDP)

F. No. 01-App No.3614410893/AICTE/ATAL-HQ/2020-21/

Date: 6th June, 2021

To
 Dr. R. Arivazhagan
 Coordinator for ATAL Online FDP,
 Meenakshi Sundararajan Engg. College
 363, Arcot Road, Kodambakkam,
 Chennai
 TAMIL NADU

Sub: Release of a sum of Rs 93,000/- [Rupees Ninety three thousand only] for AICTE Training and Learning (ATAL) Academy programme Online FDP.

Sir,

This is to convey the sanction of the Council for payment of **Rs. 93,000/- (Rupees Ninety Three Thousand Only)** for conduct of online **AICTE Training And Learning (ATAL) Academy Programme [TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING]** from **07.06.2021 to 11.06.2021** to (Meenakshi Sundararajan Engg. College, 363, Arcot Road, Kodambakkam,, Chennai) under AICTE Training And Learning (ATAL) Academy.

This fund is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

The instructions/guidelines to be followed by University/Institution

I. Release of funds and maintenance of accounts

- a. The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure.
- b. The cost for conducting per programme will be Rs. 93,000/- as per detail given as under:

1.	Honorarium for Coordinator	Rs. 10,000/-
2.	Honorarium to Computer Operator	Rs. 2,000/-
3.	Honorarium for experts (Rs.5000 per session for total 14 session)	Rs. 70,000/-
4.	Provision for payment to Lab Attendant	Rs. 1,000/-
5.	Miscellaneous charges /Petty expenses not covered above/	Rs. 10,000/-
TOTAL:		Rs. 93,000/-

Programmes having permission to change amounts under different heads with overall ceiling of Rs 0.93 lakh being intact.

- c. The grant is subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma to be submitted by the University/College/Institution. Further, the accounts of the institute will be open for test check by the Council or Controller & Auditor General of India or any other officer designated by them.

II. Disbursement of funds to institutions

The full amount of the grant sanctioned will be released as an advance to the University/ Institute through electronic transfer on the account of the University/Institute after submission of mandate form.

III. Conduct of test and issuance of certificate

- A test shall be conducted by coordinator at the end of the program.
- The certificates shall be issued to those participants who have approved by coordinator attended the program with minimum **80% of attendance** and scored **minimum 60% marks** in the test.

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 CHENNAI-600 024

IV. Submission of documents by university/institution


- a. The following mandatory relevant documents are required to be submitted by the University/Institution within one month of the completion of the program: -
 - (i) List of candidates who have successfully completed the program on the basis of the test conducted by Program Coordinator.
 - (ii) A program completion report along with photographs, videos, media report is to send after the completion of workshop along with the list of participants and Utilization Certificate, Expenditure Statement and feedback form etc. within one month of conduct of **AICTE Training and Learning (ATAL) Academy programme.**
- b. The amount of the grant shall be adjusted on submission of utilization certificate & detailed expenditure statement by University/Institution. On receipt of these documents, the total amount of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall to adjust.

V. General Instructions

- a. **Maximum 200 participants** may be allowed to attend online FDP. Coordinators are free to admit small number of participants depending on the feasibility.
- b. A test has to be conducted (may be online) on the last day and those who score more than 60% will be termed as successful candidates. Those who have **attendance 80% or more** and also **score more than 60% in the test** will be issued a **digital certificate.**
- c. These **online sessions are to be recorded** as the facility is available on the software which is being used for online delivery of FDP. You are also requested to upload recording on Youtube of Google drive share recording link of the sessions with AICTE.
- d. **Eligibility for Participants:**
 - (i) The faculty members of the AICTE approved institutions, research scholars, PG, Scholars, participants from Government, Industry (Bureaucrats/Technicians/Participants from Industry etc.)/ School Teachers and staff of host institutions
 - (ii) Not more than 30% from Host Institution
- e. If programme is not conducted in the financial year 2021 only, there leased amount, has to be returned back to AICTE.
- f. Any extra money required to complete the programme must be borne by the institute from their own resources but the quality of the activities should not be compromised.
- g. FDP Title Name, Name of Coordinator, Institute Name is not allowed to change without permission, however schedule dates may be changes with information to ATAL Academy Cell and Regional Office.

This Sanction Order may be treated as Offer Letter for all purposes.

Yours sincerely,


[M. SUNDARESAN]
REGIONAL OFFICER
AICTE, SRO, CHENNAI



Copy forwarded for information and necessary action to: -

1. Principal, Meenakshi Sundararajan Engg. College, Chennaifor information.
2. ATAL Academy Cell AICTE HQ
3. Guard File.

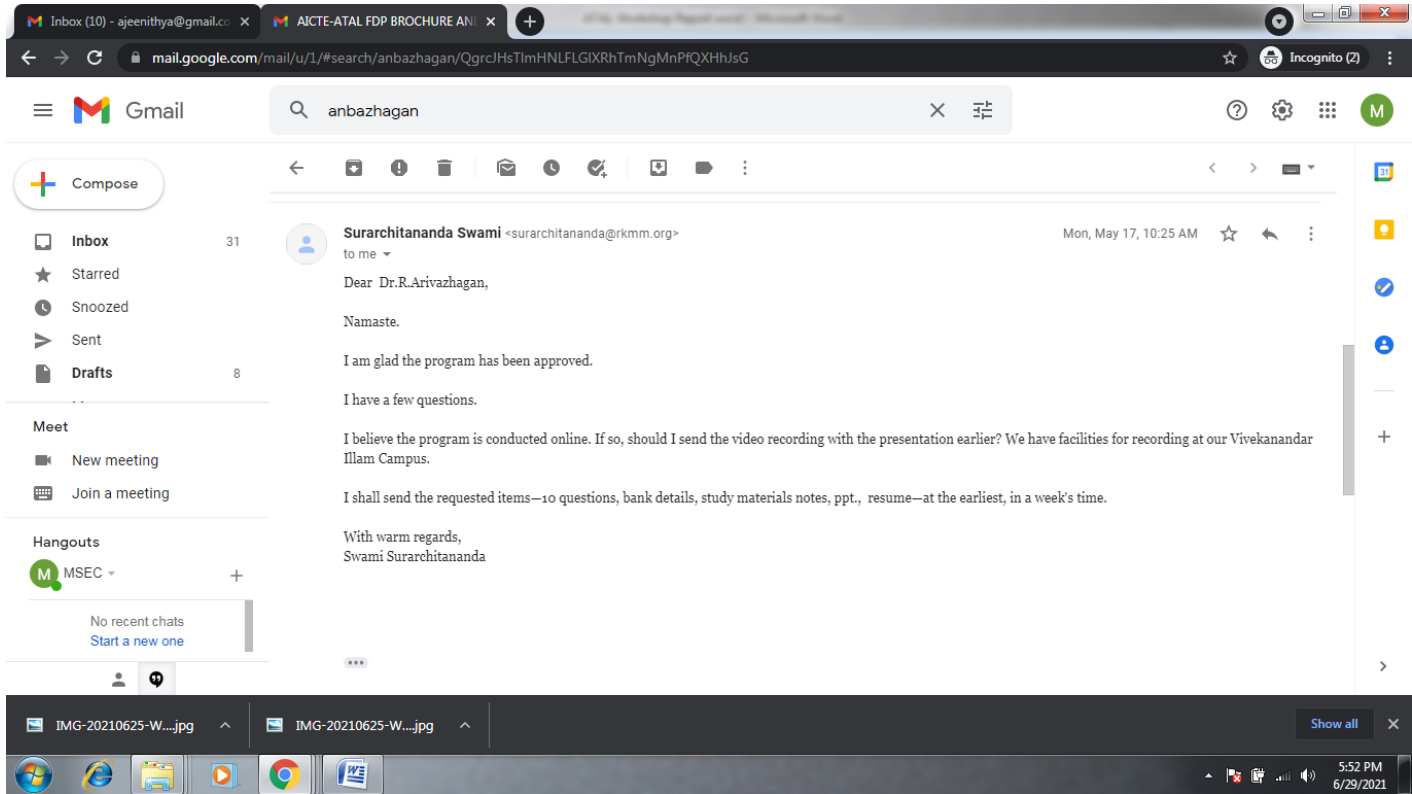
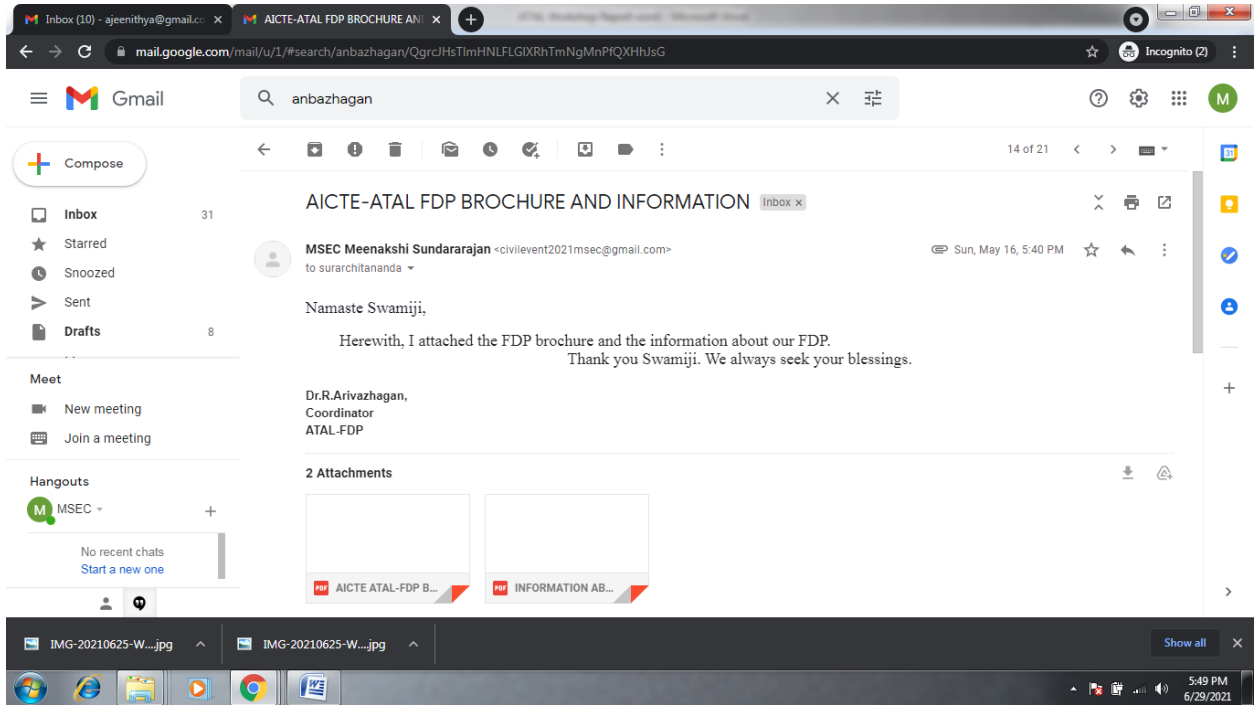
8. Work schedule to the faculty

Faculty name	PRE SESSION	DURING SESSION	POST SESSION
1.Dr.L.Ramajeyam HOD/Dean-PG Studies		<ol style="list-style-type: none"> 1. Inaugural speech 2. College presentation 3. Concluding remarks 4. Vote of thanks 	
2.Dr.R.Arivazhagan Assistant Professor	<ol style="list-style-type: none"> 1. Team identification 2. Proposal preparation 3. Topics selection and search the resource person for the recent topic selected 4. Getting concern from all the resource person 5. Brochure design 6. Coordinating all the resource persons to make a presentation, study material and MCQ 7. Everyday monitoring the AICTE web portal for giving approval and acceptance of partisans 	<ol style="list-style-type: none"> 1. Conducting 5 days FDP coordinating with other staff 	<ol style="list-style-type: none"> 2. Report preparation 3. Uploading all the necessary documents and accounts 4. Dispose of the funds coordinate with Mrs.Vatchala Devi
3.Mrs.U.Nirmalambal Associate Professor		<ol style="list-style-type: none"> 1. Day 2 Speaker introduction 	
4.Mrs.G.Anbu Neema, AP		<ol style="list-style-type: none"> 2. Day 3 Speaker introduction 	
5.Mrs.M.Malini Gayathri, AP		<ol style="list-style-type: none"> 3. Day 1 and Day 4 Speaker introduction 	
6.Mrs.K.Nithya, AP	<ol style="list-style-type: none"> 1. Making brochure along with Mr.Saravanan and Mr.Raikumar 2. Preparation of college and department presentation along with Mr.Bharathraj and Mr.Amirtha Gokul 3. Sending FDP brochure to colleges all over India. 4. Monitoring AICTE official portal and 	<ol style="list-style-type: none"> 1. Monitoring the attendance and updating the attendance 2. Preparing the speaker introduction slides for all the days along with staffs. 3. Sending the instruction to the participants 4. Sending the course materials and notes to the participants 	<ol style="list-style-type: none"> 1. Uploading the attendance in the ACTE portal along with Mr.Saravanan 2. Uploading Assessment marks of participants in the ACTE portal along with Mr.Saravanan

	<p>approved the participants along with Prof.Dr.R.Arivazhagan.</p> <p>5. Preparation of feedback links along with Mr.Saravanan for all the days.</p>	<p>5. Assisting digital works for all the sessions along with Mr.Saravanan.</p> <p>6. Making trail sessions with all the speakers along with Mr.Saravanan</p> <p>7. Day 5 Speaker introduction</p>	
7.Mr.S.Saravanan, AP	<p>1. Making brochure along with Mrs. Nithya.K and Mr.Raikumar</p> <p>2. Creation of mail and whatsapp group to communicate the instructions to the participants.</p> <p>3. Preparation of feedback links along with Mrs. Nithya.K for all the days.</p> <p>4. Preparation of agenda for all the days.</p>	<p>1. Sending the instruction to the participants through whatsapp</p> <p>2. Assisting digital works for all the sessions along with Mrs. Nithya.K</p> <p>3. Making trail sessions with all the speakers along with Mrs. Nithya.K</p> <p>4. Scrutinizing and conducting assessment.</p>	<p>1. Compiling feedback and attendance in the portal.</p> <p>2. Preparation of FDP report</p> <p>3. Uploading the assessment marks of participants in the ACTE portal along with Mrs.Nithya.K</p> <p>4. Compiling links for all the 5 days</p>
8.Mr.S.Barath Raj, AP	<p>1. Preparation of college presentation along with Mrs.K.Nithya</p>	<p>1. Co host for Day 1 & 2</p>	
9.Mr.N.Ravikumar, AP	<p>1. Making brochure along with Mr.Saravanan and Mrs.K.Nithya</p>	<p>2. Co host for Day 1 & 2</p>	
10.Mr.G.Amirtha Gokul, AP	<p>1. Preparation of college presentation along with Mr.Bharathraj and Mrs.K.Nithya</p>	<p>1. Compiling MC Qs for assessment</p>	

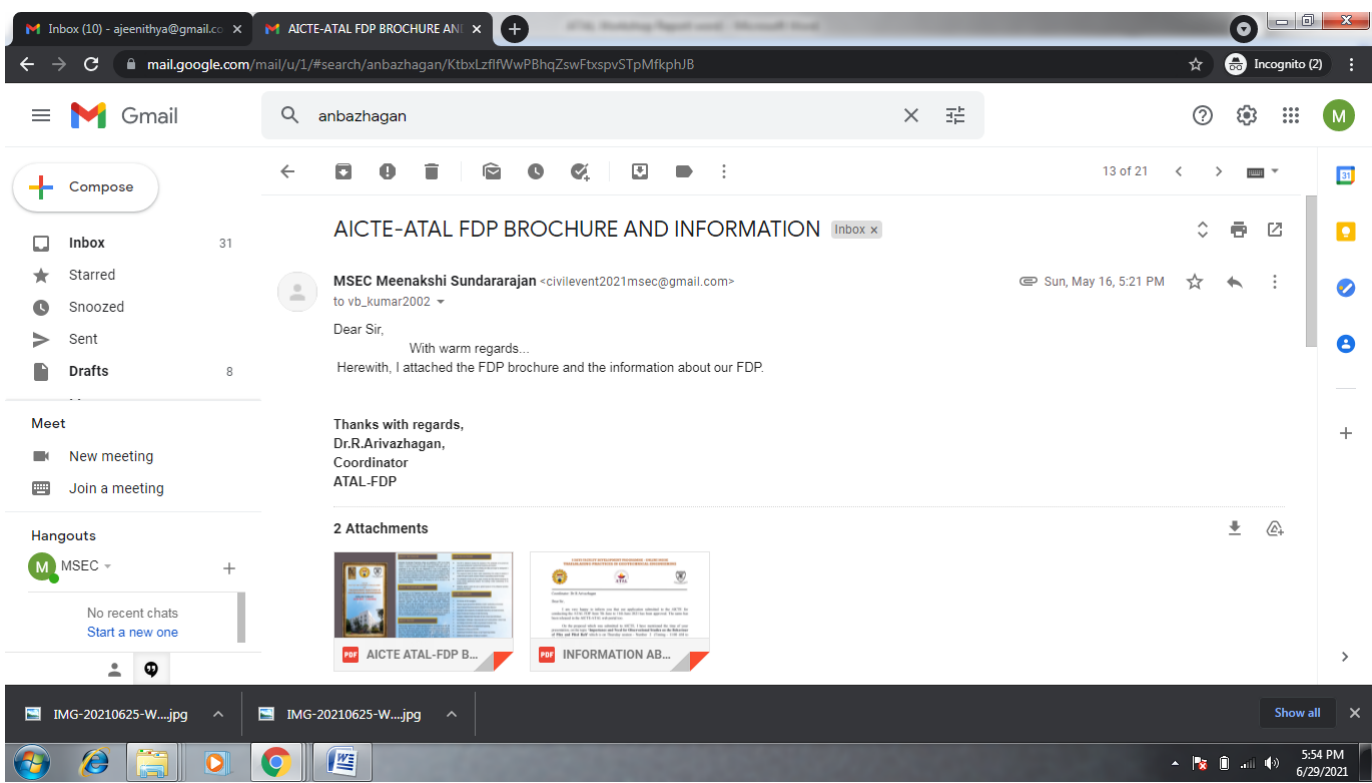
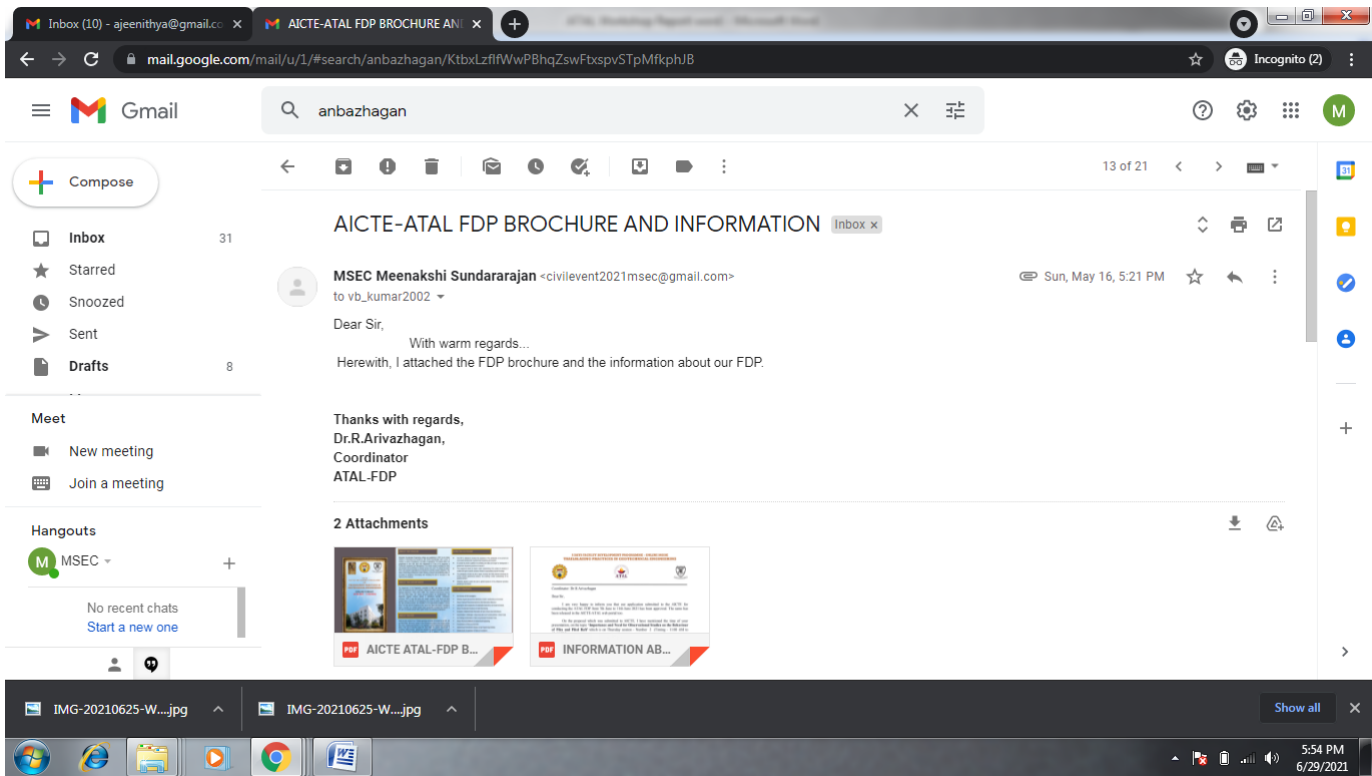


9. Proof for Invitation from coordinator and acceptance by the Speakers

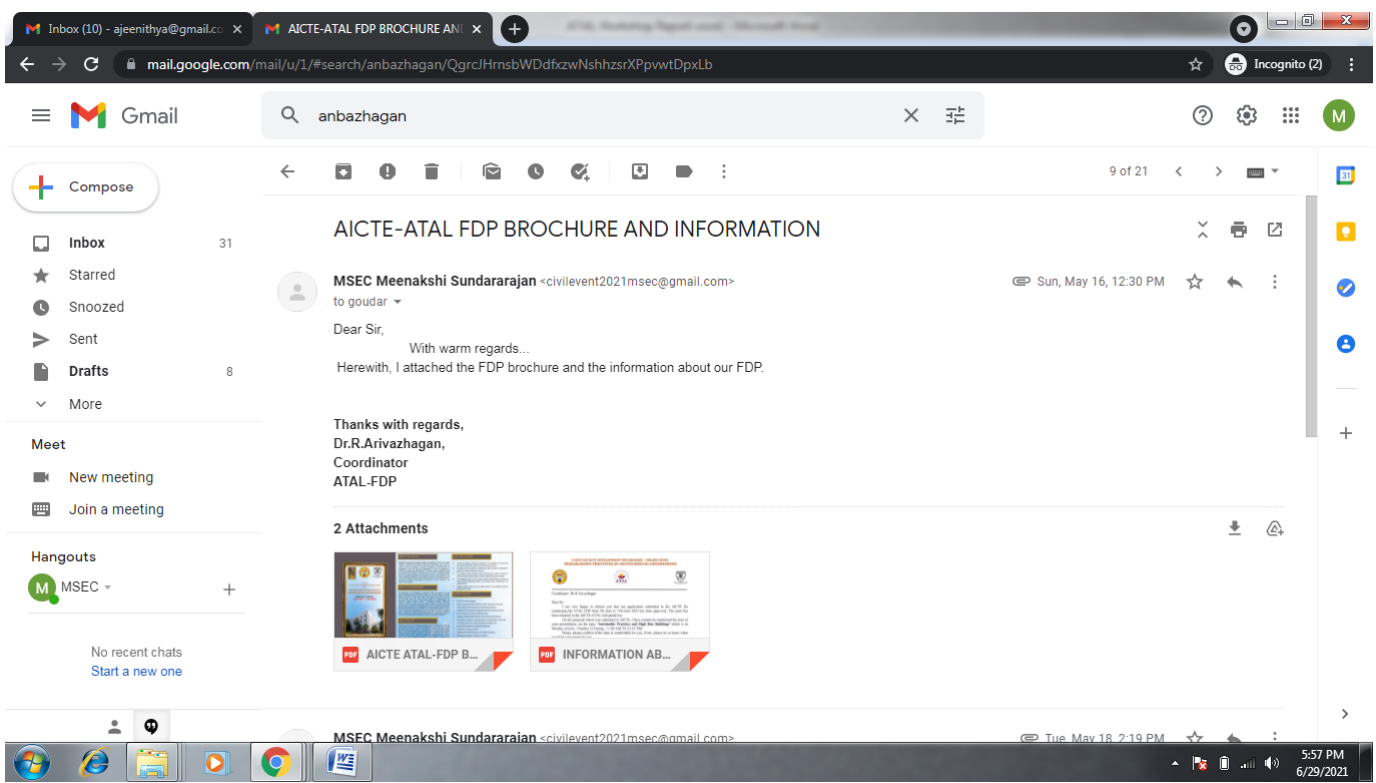
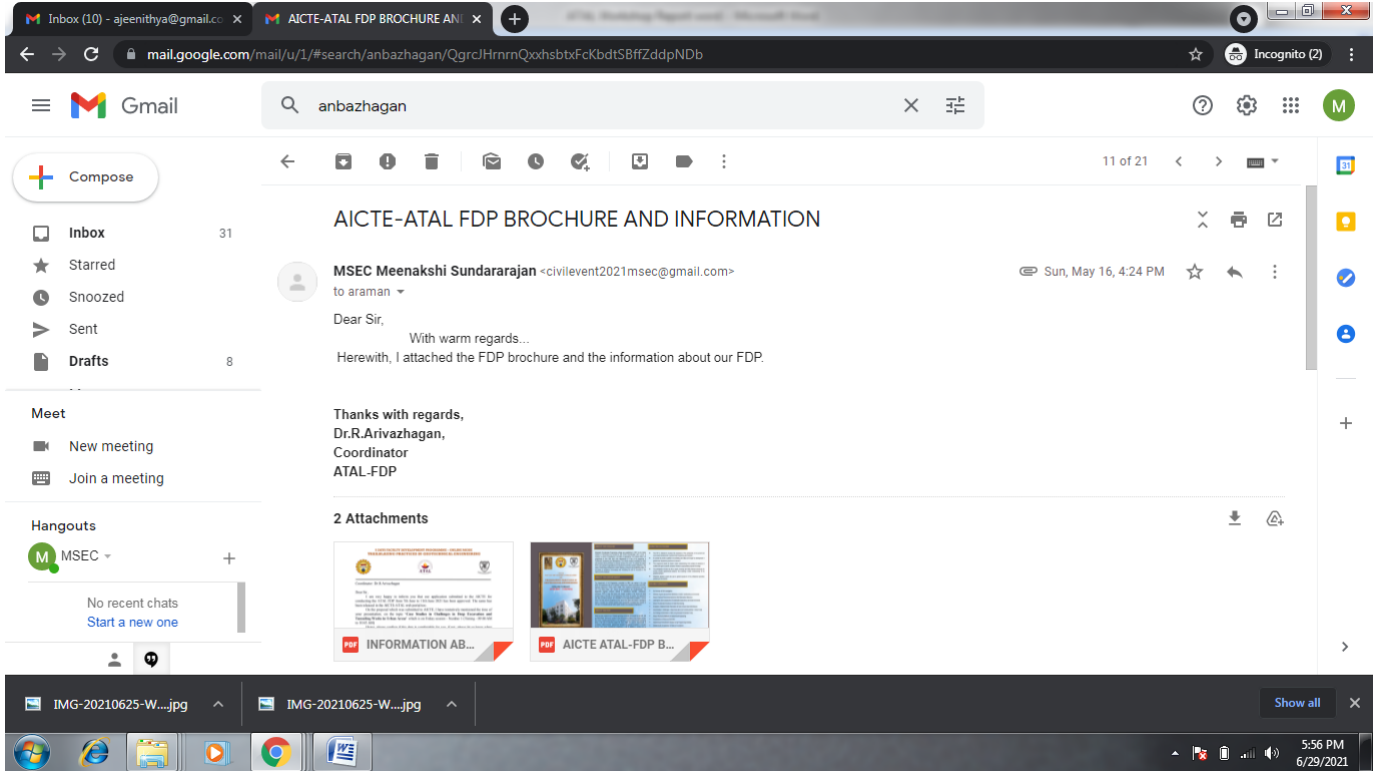



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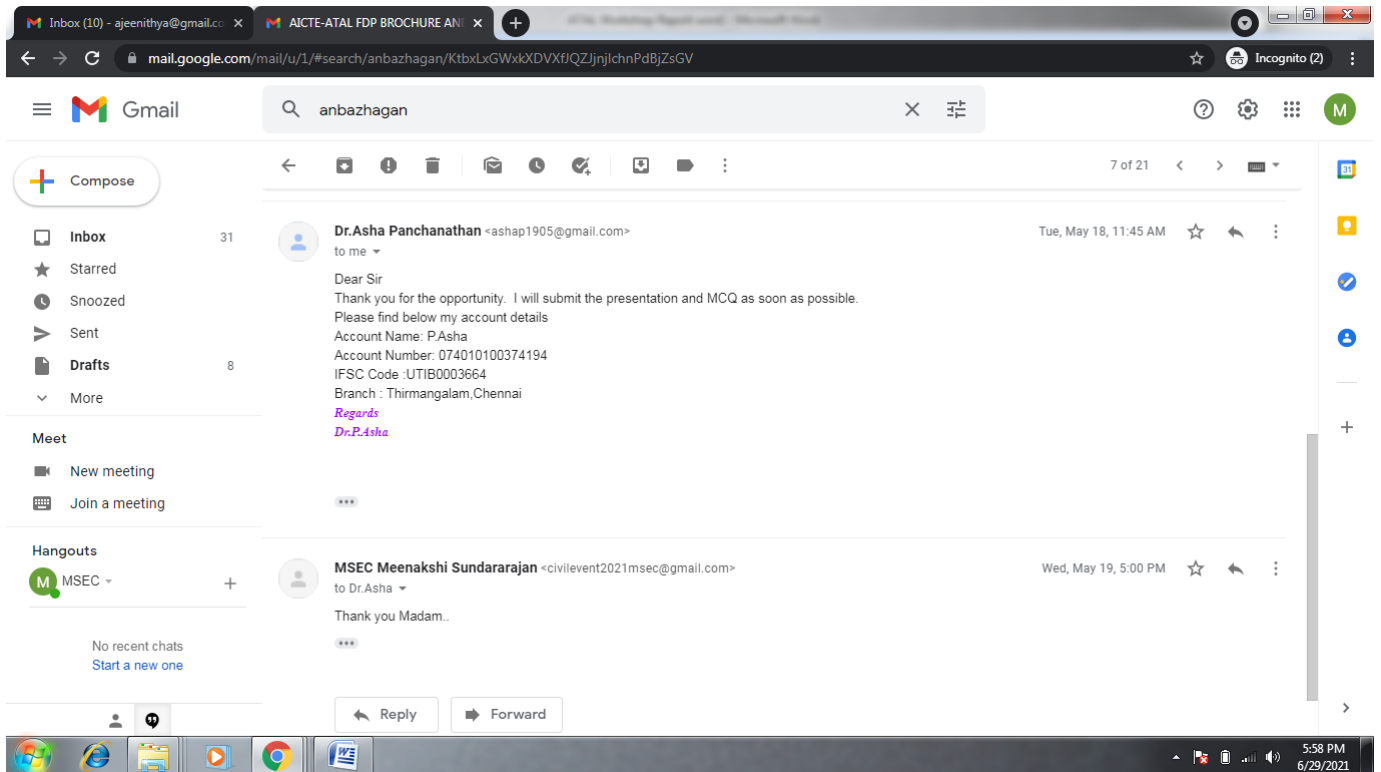
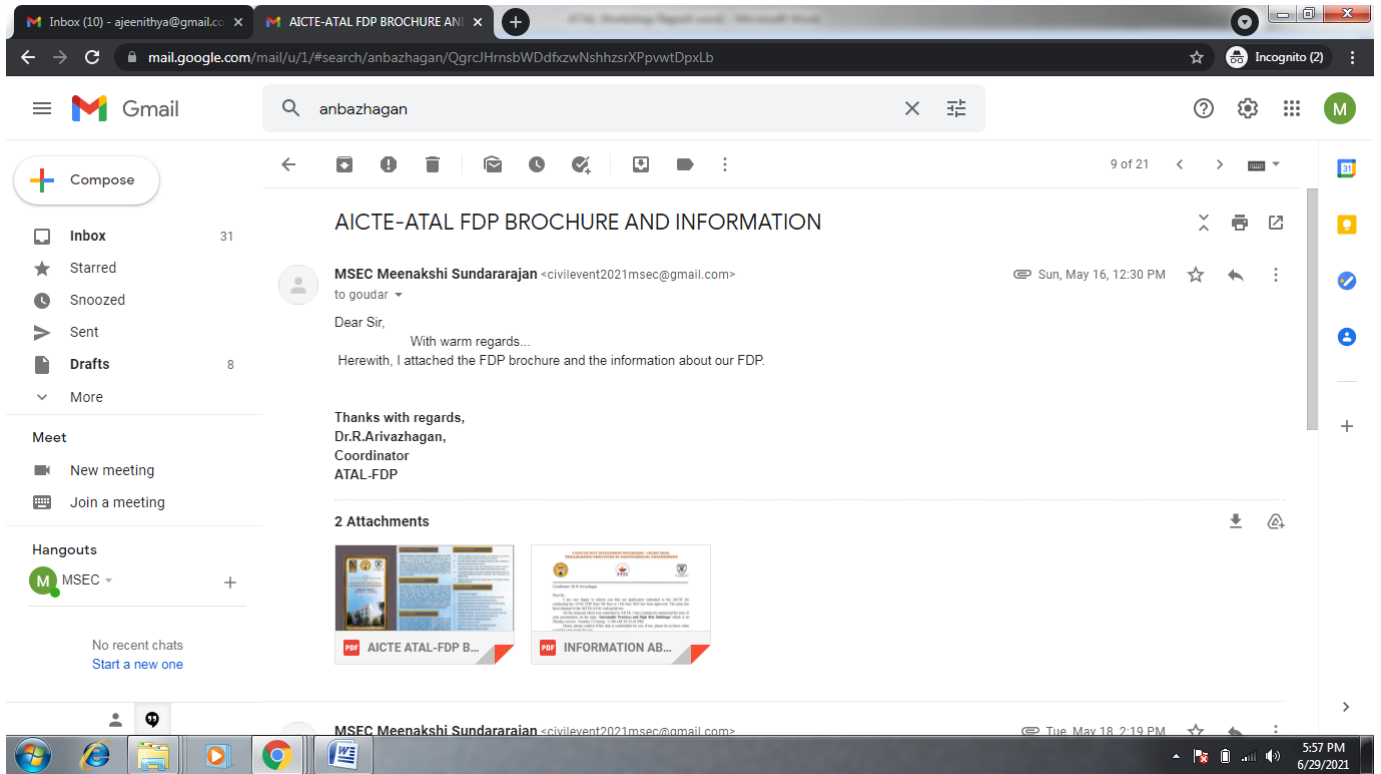
ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING



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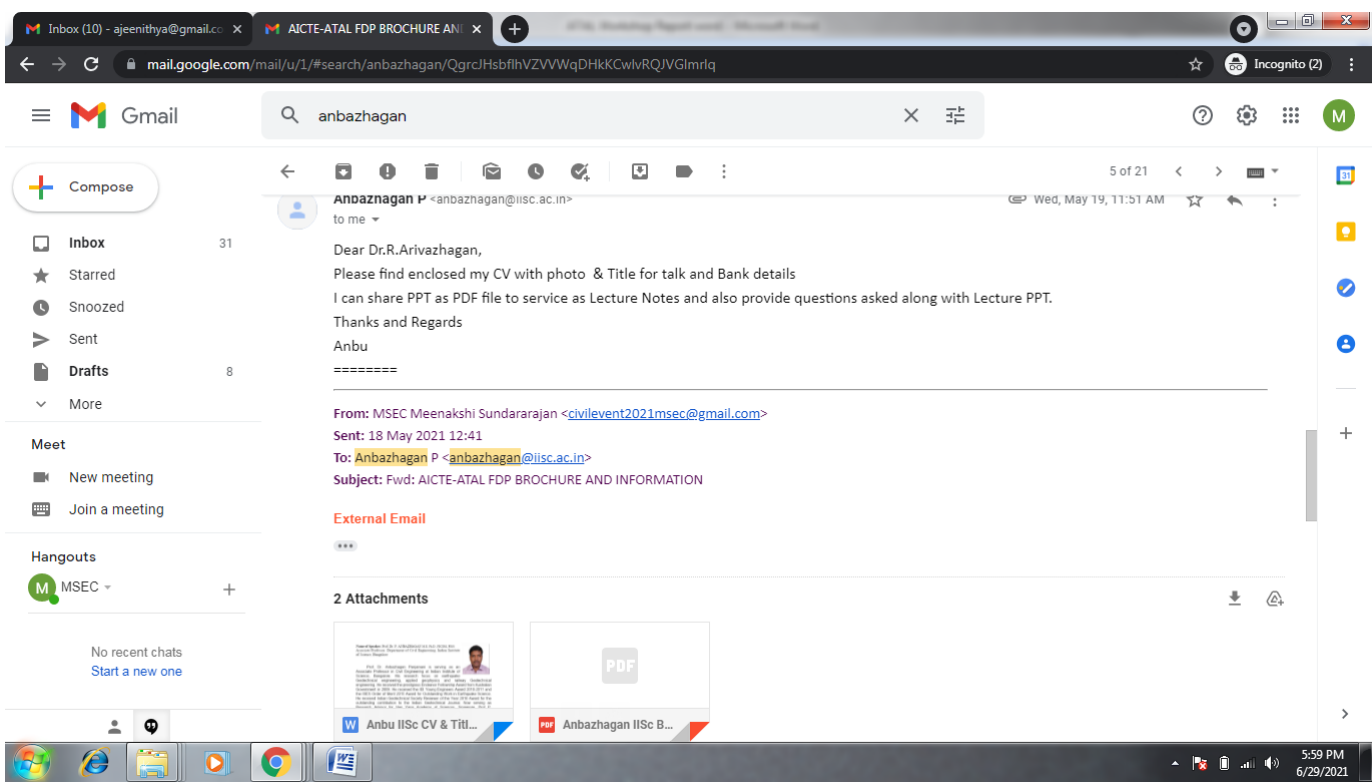
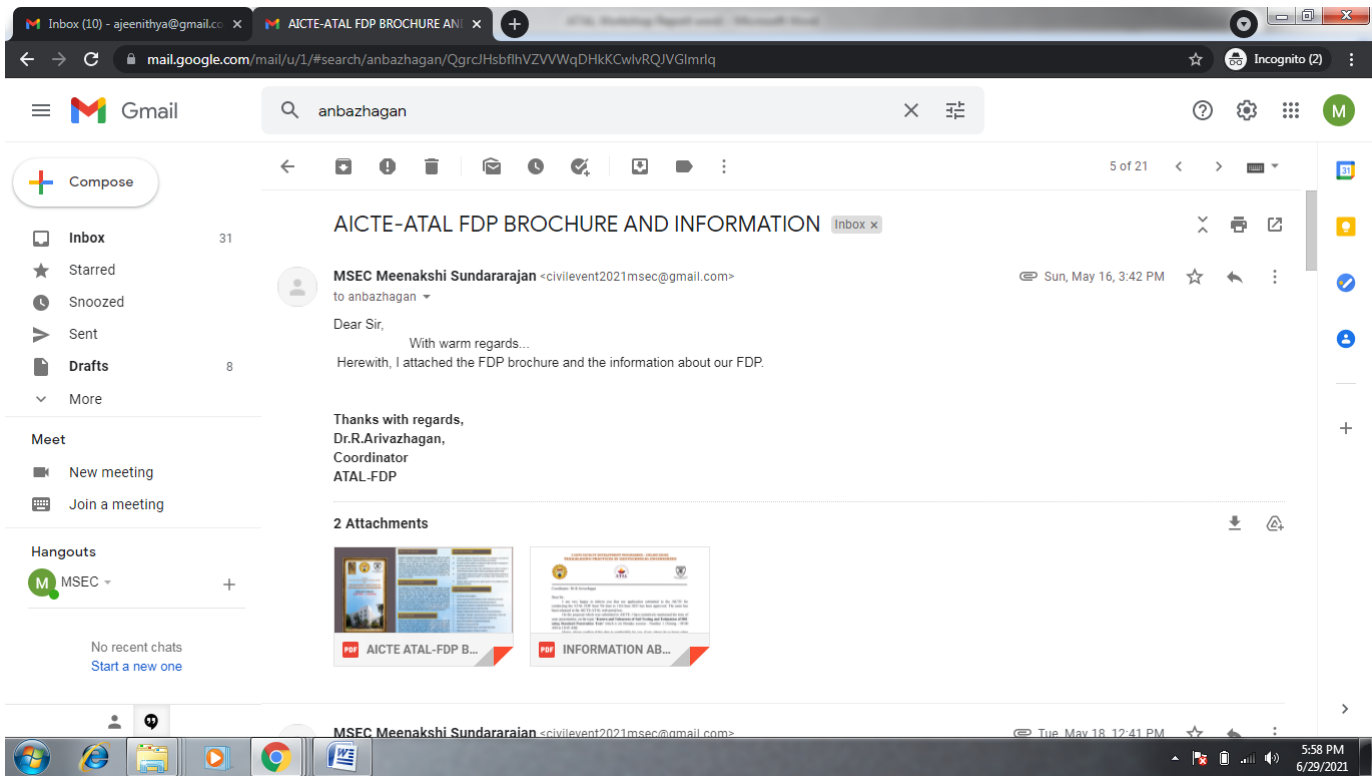



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ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING




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CHENNAI-600 026

ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING

Invitation - Inaugural function and Technical sessions of ATAL FDP

MSEC Meenakshi Sundararajan <civilevent2021msec@gmail.com>
to Dodagoudar

Dear Sir,

On behalf of the organizing committee, I am happy to share you the zoom link of inaugural session and technical sessions of **AICTE ATAL 5 DAYS FACULTY DEVELOPMENT PROGRAMME ON "TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING"** scheduled tomorrow (07-06-2021) from 08:30 AM IST. Zoom Link.

Join Zoom Meeting
<https://us02web.zoom.us/j/88114258391?pwd=R1R1azhhemt5RGFhdm81RXVldVJZQT09>

Meeting ID: 881 1425 8391
Passcode: 90Kw3b

Thanks with regards,
Dr.R.Arivazhagan
Coordinator
AICTE-ATAL FDP

Invitation - Inaugural function and Technical session of ATAL FDP

MSEC Meenakshi Sundararajan <civilevent2021msec@gmail.com>
to Anbazhagan

Dear Sir,

On behalf of the organizing committee, I am happy to share you the zoom link of inaugural session and technical sessions of **AICTE ATAL 5 DAYS FACULTY DEVELOPMENT PROGRAMME ON "TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING"** scheduled tomorrow (07-06-2021) from 08:30 AM IST. Zoom Link.

Join Zoom Meeting
<https://us02web.zoom.us/j/88114258391?pwd=R1R1azhhemt5RGFhdm81RXVldVJZQT09>

Meeting ID: 881 1425 8391
Passcode: 90Kw3b

Thanks with regards,
Dr.R.Arivazhagan
Coordinator
AICTE-ATAL FDP

2 Attachments

PRINCIPAL
MEENAKSHI SUNDARARAJAN ENGINEERING COL
363, ARCOT ROAD, KODAMBAKKAL
- CHENNAI-600 826

ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING

This screenshot shows a Gmail inbox with the search filter 'anbazhagan'. The selected email is from Anbazhagan P, dated Monday, June 7, 10:59 AM. The subject is 'Invitation - Inaugural function and Technical session of ATAL FDP'. The email body contains the following text:

Please find enclosed PPT in PDF file to share with participate

From: MSEC Meenakshi Sundararajan <civilevent2021msec@gmail.com>
Sent: 07 June 2021 06:47
To: Anbazhagan P <anbazhagan@iisc.ac.in>
Subject: Invitation - Inaugural function and Technical session of ATAL FDP

The email is marked as an 'External Email'. A PDF attachment is visible at the bottom of the email content.

This screenshot shows a Gmail inbox with the search filter 'in:sent'. The selected email is from MSEC Meenakshi Sundararajan, dated Thursday, June 10, 8:05 PM. The subject is 'AICTE-ATAL FDP INFORMATION'. The email body contains the following text:

AICTE-ATAL FDP INFORMATION

Dear Sir,
 I humbly request you to please send those the following

- 10 multiple-choice questions based on your presentation
- Bank Details (Bank name, Branch, Account number, IFS code, PAN number, Mobile number, email address)
- Study Material, which has to be sent to the participants. (Notes related to your presentation or presentation itself).

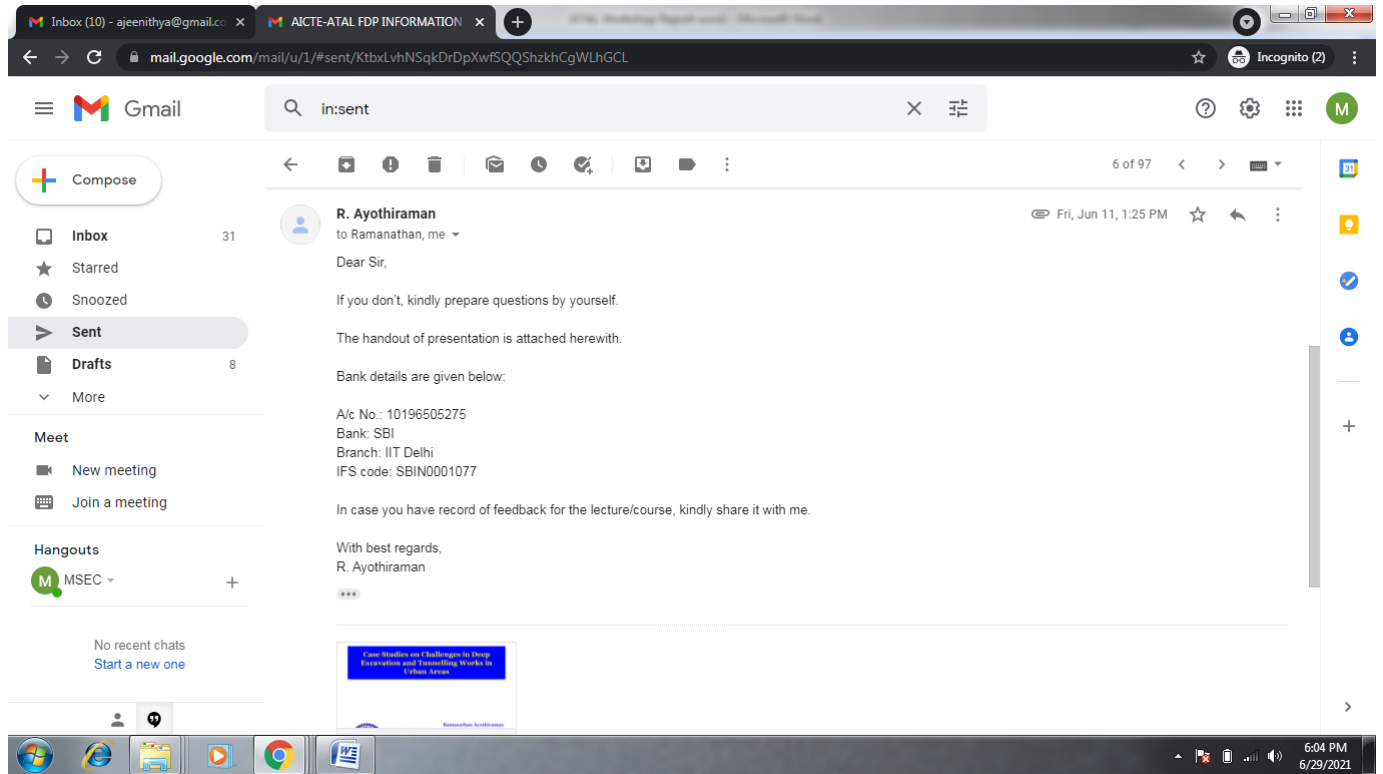
Thanks with regards,
 Dr.R.Arivazhagan,
 Coordinator
 ATAL-FDP

The screenshot also shows two other emails in the thread:

- From R. Ayothiraman, dated Friday, June 11, 1:25 PM: "Dear Sir, If you don't, kindly prepare questions by yourself. The handout of presentation is attached herewith. Bank details are given below: A/c No.: 101965052"
- From MSEC Meenakshi Sundararajan, dated Saturday, June 12, 10:09 AM: "Thank you sir"


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 CHENNAI-600 024

ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING




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CHENNAI-600 026

10. Speaker profile

The speakers for the 5-day workshop on "TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING" were:

Dr. P. Anbazhagan Associate Professor Indian Institute of Science, Bangalore.	
	<ul style="list-style-type: none"> Associate Professor of Civil and Environmental Engineering at the Indian Institute of Science, Bangalore. He has published 94 Journal papers , 101 conference papers and 1 book & 3 chapters Serving as a visiting professor for the third time in King Saud University, Riyadh, Saudi Arabia and he is also serving as an expert member in National Committees and Editorial board/review members in journals
Dr. G.R.Dodagoudar, Professor , Indian Institute of Technology Madras, Chennai	
	<ul style="list-style-type: none"> Diploma in 1988 ,Bachelor of Civil Engineering from Basaveswara College of Engineering, Bagalkote in 1992 and his Master degree in Geotechnical Engineering from IIT Bombay, Mumbai in 1995. Doctorate in Geotechnical Engineering from IIT Bombay, Mumbai in 2001. He has over 18 years of research, teaching experience within the broad fields of civil engineering education and 1 year experience in Industry He has guided 14 Ph.D students, 7 M.S students, 20 M.Tech students and ongoing 9 Ph.D students and 1 M.S student.
Dr. Janardhanan Gangathulasi, Associate Professor, National Institute of Technical Teachers Training and Research, Chennai	
	<ul style="list-style-type: none"> He has over 18 years of research, teaching and consulting experience within the broad fields of Civil, Environmental engineering, and Geotecchnical Education Granted patent by GOI towards manufacturing artificial aggregate from waste Dr. Janardhanan has coordinated more than 20 international training programmes and trained around 400 international delegates from 68 different countries across the globe. Member in American Society of Engineering Education, American Society of Civil Engineers, International Water Association (IWA), Indian Society of Technical Education, Indian Geotechnical Society, National Solid Waste Association of India, Institution of Engineers (India).



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Swami.Surachitananda , Sri Ramakrishna Math, Chennai



- Swamiji is assisting activities of Vivekananda Cultural Centre, Chennai.
- Swami Surarchitananda is a monk of Ramakrishna Math and Mission.
- Swamiji is the author of “Swami Abhedananda- A Yogi Par Excellence” and has compiled numerous other books.
- Swamiji also wrote a column on “Indian Culture and Heritage” and published a research article with new findings on Netaji Subhas Chandra Bose in “The Vedanta Kesari” magazine.

Dr. S. Jayalekshmi, Professor, National Institute of Technology, Tiruchirappalli



- Currently guiding 2 Ph.D. Scholars and has guided 3 Ph.D Scholars. Among which she has guided 2 Ph.D. students in the field of Terra mechanics and developed India’s first Lunar Simulant (TRI-1) or Tiruchirappalli 1 as part of her guidance
- A recipient of many awards and prizes including the prestigious International Geosynthetic Student Award at GEOASIA 2004, Korea.
- Instrumental in bringing the ISRO Project related to Chandrayaan – 2 to the Civil Engineering Department. A simple experimental setup for wheel soil interaction studies on Lunar Simulants has been developed.
- A Collaborative Project has been completed with Ms. Golcha Associates, India’s largest Talc Manufacturer. An innovative floating concrete canoe fabricated under her guidance was awarded a certificate of appreciation by Indian Concrete Institute and I.I.T. Madras.

Dr. P. Asha, Professor, HOD (Incharge), St.Peter’s Institute of Higher Education and Research, Chennai



- Dr.P.Asha has completed B.Tech and M.Tech from Pondicherry Engineering College and PhD from Anna University.
- She has 5 years of industrial experience in L& T ECC division Chennai and 14 years of teaching experience.
- She has 70 publications in journals and conferences. She received the Viswakarma Award under the best academician category from Construction Industry Development Council, New Delhi in 2017.

Dr.R.Arivazhagan, Associate professor, Meenakshi Sundararajan Engineering College, Chennai



- B.Sc in Mathematics from St. Xavier’s College Pallayamkottai.
- Engineering degree in Civil Engineering from the Institution of Engineers(India) and the Institution of Engineering and Technology (London)
- M.Tech (Coastal Zone Management) from College of Engineering Guindy Anna University.
- Ph.D from Division of Soil Mechanics and Foundation Engineering, College of Engineering Guindy ,Anna University.
- A reviewer for International journal – Technical Gazette

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Dr.K.Premalatha, Professor , College of Engineering Guindy, Anna University, Chennai



- Completed her under graduate BE programme in Annamalai University in 1986, post graduate ME programme and Ph.D in College of Engineering Guindy, Anna University Chennai in 1990 and 2002 respectively.
- She has published over 100 papers in international journals and conferences.
- Apart from academic research, she has completed funded research from TNHB Chennai, Ministry of Coal and Ministry of Information Technology, Government of India and Ministry of Revenue Administration and Disaster Management, Government of Tamil Nadu.
- She also acted as the Secretary for Indian Geotechnical Society, Chennai Chapter. For the term 2010 – 2012. The Chapter received **The Best chapter Award** from **The Main Chapter** housed in New Delhi for the Professional activity of the above year.

Mr.Shivadiya Ashok Kumar, Marine Geotechnical Engineer, COWI



- He had worked as an Engineer in TATA Consulting Engineers, India from the year 2015-2018
- He had completed his M.Tech. in Indian Institute of Technology Roorkee, in Soil Dynamics.
- He had finished his B.E. Anna University, in Civil Engineering
- At present he is employed for an ongoing project as an Engineer representing COWI for category checks in HS2 project, UNITED KINGDOM for numerous geotechnical structures .
- He was appointed as an Engineer in Finite element analysis of well foundation in PLAXIS 3D for the Construction of New Four lane Bridge across River Ganga on NH-133B made by COWI in the year 2020.

Dr. Vishwas A Sawant, Professor, Indian Institute of Technology, Roorkee



- He completed his bachelor of engineering from Mumbai University in 1990 and his M.Tech from IIT, Powai, Mumbai in 1993.
- Dr. Vishwas has over 22 years of research, teaching and consulting experience within the broad fields of civil, geotechnical engineering, engineering education.
- He has published around 70 research articles in international and 21 research articles in national journals.
- Dr. Vishwas A Sawant has guided 10 Ph.D students and 11 ongoing researchers and 34 master's thesis.

Dr.V.Balakumar, Structural & Geotechnical Consultant, Simplex Infrastructures Ltd



- Dr.V.Balakumar is a whole time retainer consultant and has led many major piling projects which includes Tank Farms in BPCL in Kochi, Petrofac in Kochi and Vizag, 2X660MW power project for BHEL in Chennai, Chennai Metro in the crowded North Madras area and so on.
- He has been awarded two National Award namely IGS Afcons Biennial prize for the best paper on case histories for the year 2002-2003 and IGS – AIMIL award for the best paper on instrumentation for the year 2007-2008 from Indian Geotechnical Society
- He was involved in the design and construction of driven cast in-situ piles for which he shifted himself to United Technical Consultants Pvt Ltd, Chennai and was involved in large soil investigations (more than 300

	projects) including planning and execution of field and laboratory tests and preparation of reports.
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Prof.P.Sachithanatham, Professor and Head of Department of Civil Engineering, Sri Lakshmi Ammal Engineering College, Chennai



- He has Received Gold Medal for the Project work done during M.E.(Structural Engineering) programme, 1998.
- He Received Best Teacher Award for the Academic year 2011 – 12 from Bharath University.
- He also has won patent rights for Pre Mould and Mould for Precast Concrete Funicular Shells with Edge Beam(CBR No. 14911):The Controller of Patents, The Patent Office,Intellectual Property Office Building,G.S.T.Road,Guindy,Chennai-32.
- He has also Received Best Teacher Award for the Academic year 2013 – 14 from Bharath University in commemoration of Teacher’s Day Celebration on 5th September 2014

Dr. Ramanathan Ayothiraman, Professor, Indian Institute of Technology, Delhi



- Prior to joining IIT Delhi in December 2008, he worked as an Assistant Professor at Indian Institute of Technology Guwahati for about 4 years.
- Graduated from Madurai Kamaraj University in April 1998
- Post-Graduation from College of Engineering Guindy in Jan’ 2000 with Gold Medal.
- Ph.D. in the area of Soil Dynamics from IIT Madras in May 2005.
- Prof. Ayothiraman is also serving as member of BIS for revising National Building Code and Codes related to machine foundation.
- He has been a consultant providing technical advice for several metro projects including Delhi Metro, Kolkata Metro and Lucknow metro and several other projects of national importance.

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11. Program schedule

07/06/2021 MONDAY	08:30 AM to 09:00 AM	Inaugral Speech - Dr.K.S.Babai, Secretary and Dr.P.K.Suresh, Principal
	09:00 AM to 10:45 AM	Known and Unknowns of Soil Testing and Estimation of SBC using Standard Penetration Tests - Dr.P.Anbazhagan, Associate Professor , IISC Bangalore
	11:00 AM to 12:45 PM	Sustainable Practices and High Rise Buildings - Dr.G.R.Dodagoudar, Professor , IIT Madras
	02:00 PM to 03:45 PM	Sustainable Geotechnics - The Way Ahead - Dr.G.Janardhan, Associate Professor , NITTR, Chennai
08/06/2021 TUESDAY	09:00 AM to 10:45 AM	Understanding Perception, Conscious and Subconscious Mind and Meditation - Swami Surarchitananda , Sri Ramakrishna Math, Chennai
	11:00 AM to 12:45 PM	Introduction to Terramechanics - Dr.S.Jayalekshmi, Professor , NIT Tiruchirappalli
	02:00 PM to 03:45 PM	Soil Investigation an Overview - Dr.P.Asha, Professor and HoD (Incharge) , St.Peter's Institute of Higher Education and Research, Chennai
09/06/2021 WEDNESDAY	09:00 AM to 10:45 AM	Various Phenomena behind the Soil Deformation Behaviour - Dr.R.Arivazhagan, Assistant Professor , Meenakshi Sundararajan Engineering College, Chennai
	11:00 AM to 12:45 PM	Evaluation of Material Model Parameters of Sand, Silt and Sand-Silt - Dr.K.Premalatha, Professor , CEG Guindy, Anna University, Chennai
	02:00 PM to 03:45 PM	Geotechnical Finite Element Analysis using Programming Interface - Mr.M.Shivaditya, Marine Geotechnical Engineer , COWI
10/06/2021 THURSDAY	09:00 AM to 10:45 AM	Numerical Methods in Geotechnical Engineering - Dr.Sawant Viswas A, Professor , IIT Roorkee
	11:00 AM to 12:45 PM	Importance and Need for Observational Studies on the Behaviour of Piles and Piled Raft - Dr.V.Balakumar, Senior Consultant , Simplex Infrastructures Ltd
	02:00 PM to 03:45 PM	Application of Shells in Foundations - Prof.P.Sachithanantham, HoD , Sri Lakshmi Ammal Engineering College
11/06/2021 FRIDAY	09:00 AM to 10:45 AM	Case Studies in Challenges in Deep Excavation and Tunneling Works in Urban Areas - Dr.R.Ayothiraman, Professor , IIT Delhi
	11:00 AM to 12:45 PM	Statistical Characterisation of Grain Size Distribution in Sandy Soils - Dr.R.Arivazhagan, Assistant Professor , Meenakshi Sundararajan Engineering College, Chennai
	02:00 PM to 03:45 PM	Valedictory Function

12. AICTE Inaugural Ceremony



All India Council for Technical Education
AICTE Training & Learning (ATAL) Academy

Chief Guest

Prof. Pramod Kumar Jain, Director, IIT BHU

Guest of Honour
 
Prof. M. P. Poonia, Vice-Chairman, AICTE | Prof. Rajive Kumar, Member Secretary, AICTE

Inaugural Ceremony of
43 Online ATAL Faculty Development Programmes

7th June, 2021 | 11.00 AM



All India Council for Technical Education, New Delhi
AICTE Training And Learning (ATAL) Academy

Inauguration of 43 online FDP's
Date: June 07, 2021 at 11:00am
Minute to Minute Program

	Arrival of Honorable Chief Guest and Dignitaries
11:00 am	Welcome Address by Dr. Bhawana Rudra , NIT Karnataka
11:03 am	About : ATAL Academy by Dr. Ravindra Kumar Soni , Director, AICTE
11:06 am	Address by Dr. Poonam Agarwal Thakur , Principal, NIIFT Ludhiana
11:09 am	Address by Sh. Sunil Gupta , Principal Director, Ministry of MSME, Technology Development Center, Meerut
11:12 am	Address by Prof. Ananthanarayana V S , Deputy Director, NITK Surathkal
11:15 am	Address by Prof Siby John , Director PEC Chandigarh
11:18am	Address by Prof. Rajive Kumar , Member Secretary AICTE
11:23 am	Address by Prof M P Poonia , Vice Chairman AICTE
11:28 am	Address by Chief Guest Professor Pramod Kumar Jain , Director, IIT BHU
	Vote of Thanks by Sh. M. Sundaresan , Deputy Director, AICTE
	Inaugural Program Close



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13. Inaugural Invitation



5 DAYS
FACULTY DEVELOPMENT PROGRAMME ON
TRAILBLAZING PRACTICES IN
GEOTECHNICAL ENGINEERING
07.06.2021 - 11.06.2021
Organized by
Department of Civil Engineering
Meenakshi Sundararajan Engineering College
AGENDA - DAY 1
INAUGURAL FUNCTION

08:30 AM - Prayer Song and Blessings
from Sri Ramakrishna Math
Vivekananda House

08:35 AM - Welcome Address
Dr.L.Ramajeyam, HOD / Dean P.G.Studies

08:42 AM - Inaugural Address
Dr.R.Arivazhagan, Coordinator, ATAL FDP 2021-22

08:45 AM - Felicitation
Dr.P.K.Suresh, Principal

08:48 AM - An Overview of the College
Dr.K.Umarani, Dean Academics

08:55 AM - Felicitation
Dr.K.S.Babai, Secretary

Vote of Thanks by Mr.S.Saravanan, Assistant Professor

SESSION 1
09:00 AM to 10:45 AM
Known and Unknowns of Soil Testing and Estimation of SBC using
Standard Penetration Tests
Dr.P.Anbazhagan, Associate Professor, IISC Bangalore

SESSION 2
11:00 AM to 12:45 PM
Sustainable Practices and High Rise Buildings
Dr.G.R.Dodagoudar, Professor, IIT Madras

SESSION 3
02:00 PM to 03:45 PM
Sustainable Geotechnics - The Way Ahead
Dr.G.Janardhanan, Associate Professor, NITTR, Chennai



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14. The list of approved participants

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ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING

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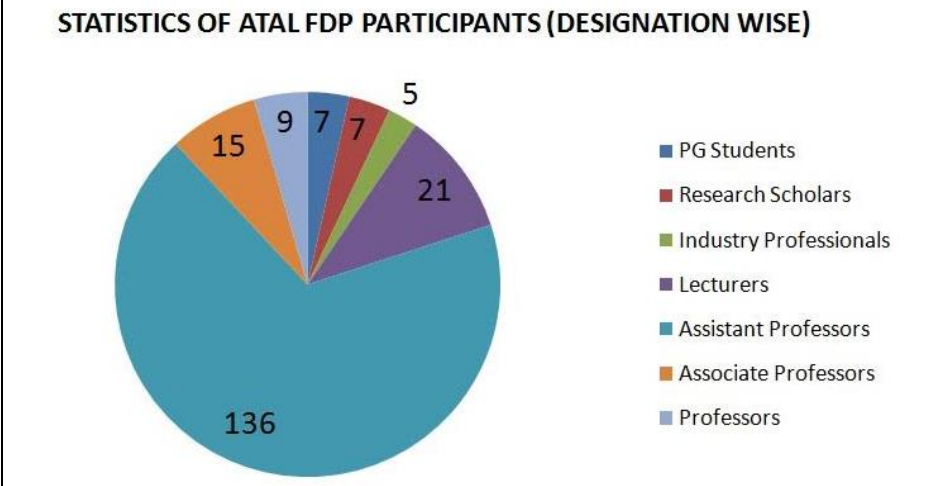
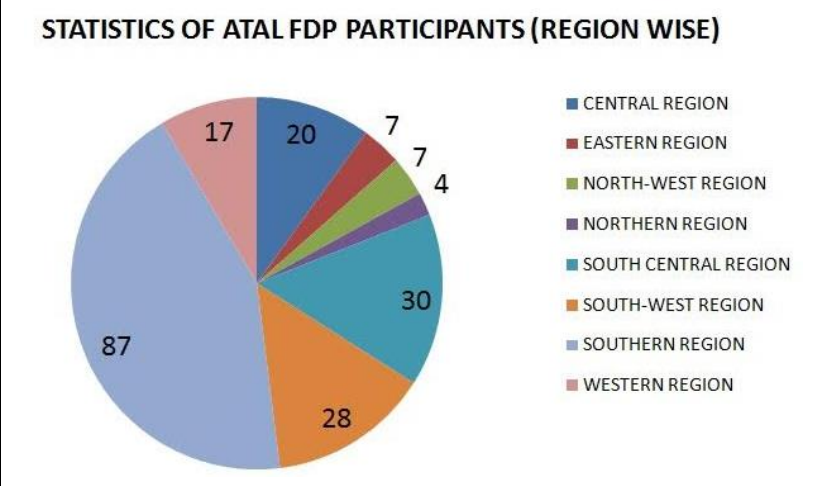
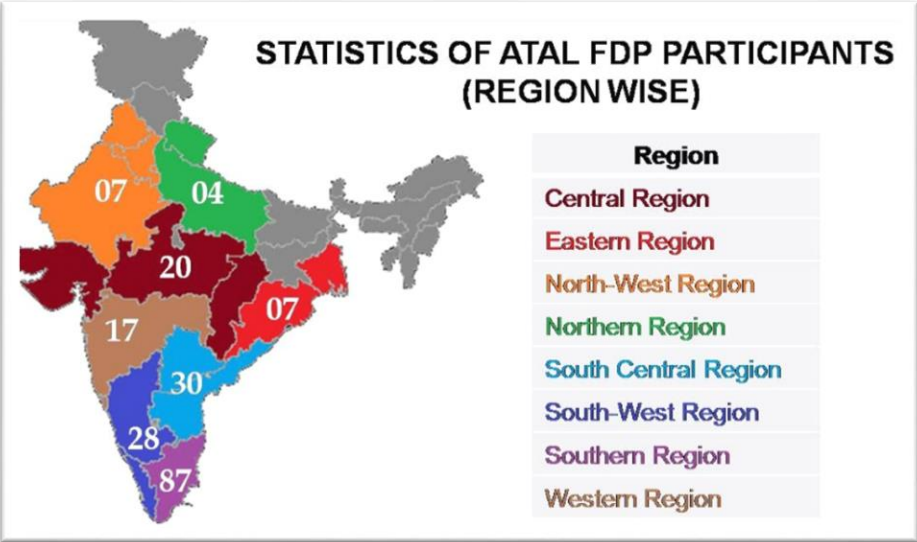
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15. Statistics of participants


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ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING



**5 Days
Faculty Development Programme**
On
"TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING"
(Online Format)
07.06.2021 - 11.06.2021

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
363, Arcot Road, Kodambakkam, Chennai 24

Invites you for a talk on
**Known and Unknowns of Soil Testing and Estimation of SBC
using Standard Penetration Tests**
Date : 07-06-2021, Time: 09.00am to 10.45am

SPEAKER
Dr.P.Anbzhagan
Dr.P.Anbzhagan is a Associate Professor of Civil and Environmental Engineering at the Indian Institute of Science, Bangalore. He has guided 6 Ph.D scholars and 11 Master's Thesis. He has published 94 Journal papers, 101 conference papers and 1 book & 3 chapters. He is a member of several expert committees constituted by Government of India and is now serving as research advisor for Nan Yang Academy of Sciences, Singapore. Dr.P.Anbzhagan is serving as a visiting professor for the third time in King Saud University, Riyadh and is also serving as expert member in Editorial Board / review members in Journals. He received the prestigious Endeavor Fellowship Award from Australian Government in 2009. He received the IEI Young Engineers Award 2010-2011 and the ISES Order of Merit 2015 Award for Outstanding Work in Earthquake Science. He received Indian Geotechnical Society Reviewer of the Year 2016 Award for the outstanding contribution to the Indian Geotechnical Journal.

CO-ORDINATOR
Dr.R.ARIVAZHAGAN

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**5 Days
Faculty Development Programme**
On
"TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING"
(Online Format)
07.06.2021 - 11.06.2021

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
363, Arcot Road, Kodambakkam, Chennai 24

Invites you for a talk on
Sustainable Practices and High Rise Building
Date : 07-06-2021, Time: 11.00am to 12.45pm

SPEAKER
Prof Dr.G.R.Dodagoudar
Dr. G.R.Dodagoudar is Professor of Department of Civil Engineering at Indian Institute of Technology Madras, Chennai. He completed his Diploma in 1988, Bachelor of Civil Engineering from Basaveswara College of Engineering, Bagalkote in 1992 and his Master degree in Geotechnical Engineering from IIT Bombay, Mumbai in 1995. He completed his Doctorate in Geotechnical Engineering from IIT Bombay, Mumbai in 2001. He has over 18 years of research, teaching within the broad fields of civil engineering education and 1 year experience in Industry and published around 59 papers in international journal and 42 papers in national journals and more than 120 papers in proceeding of conference and has guided 14 Ph.D students, 7 M.S students, 20 M.Tech students and ongoing 9 Ph.D students and 1 M.S student. He has written one book and two monographs. He is very active in continuing education programs, and delivers lectures and motivating talks to students, academicians and working professionals across the country.

CO-ORDINATOR
Dr.R.ARIVAZHAGAN

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**5 Days
Faculty Development Programme**
On
"TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING"
(Online Format)
07.06.2021 - 11.06.2021

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
363, Arcot Road, Kodambakkam, Chennai 24

Invites you for a talk on
Sustainable Geotechnics - The Way Ahead
Date : 07-06-2021, Time: 02.00pm to 03.45pm

SPEAKER
Dr.Janardhanan Gangathulasi
Dr.Janardhanan Gangathulasi is Associate Professor of Civil and Environmental Engineering and Head of Centre for international Affairs and Centre for Curriculum Development, Planning and Coordination at the National Institute of Technical Teachers Training and Research, Chennai. He has over 18 years of research, teaching and consulting experience within the broad fields of civil, environmental engineering, engineering education. His research and training programme is funded by the ITEC, DST, World Bank, MHRD, PWD and several prominent state government and industries. Dr.G.Janardhanan published around 45 research articles in international and national journal and conference. He has been granted patent by Govt towards manufacturing artificial aggregate from waste Dr. Janardhanan has coordinated more than 20 international training programmes and trained around 400 international delegates from 68 different countries across the globe. He has coordinated more than 200 training programmes and trained more than 15000 participants. He has developed and offered six MOOCs with a registration more than 30000. He is a Member in American Society of Engineering Education, American Society of Civil Engineers, International Water Association (IWA), Indian Society of Technical Education, Indian Geotechnical Society, National Solid Waste Association of India, Institution of Engineers (India).

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17. Posters for ATAL-FDP Day 2



**5 Days
Faculty Development Programme
On
"TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING"
(Online Format)
07.06.2021 - 11.06.2021
MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
363, Arcot Road, Kodambakkam, Chennai 24
Invites you for a talk on
Understanding Perception, Conscious and Subconscious Mind
and Meditation
Date : 08-06-2021, Time: 09.00 AM to 10.45 AM**



SPEAKER
Swami. SURARCHITANANDA
Swami Surarchitananda is a monk of Ramakrishna Math and Mission. Swamiji worked in various capacities in Chennai and Thirissur centres. At present, Swamiji is assisting activities of Vivekananda Cultural Centre, Chennai. Swamiji is the author of "Swami Abhedananda- A Yogi Par Excellence" and has compiled numerous other books. Swamiji also wrote a column on "Indian Culture and Heritage" and published a research article with new findings on Netaji Subhas Chandra Bose in "The Vedanta Kesari" magazine. Swamiji participated in some of the relief works organized by our Math and Mission Chennai floods 2015, Nagapattinam floods 2017, Kerala floods 2018, Nivar cyclone 2020.

CO-ORDINATOR
Dr.R.ARIVAZHAGAN

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**5 Days
Faculty Development Programme
On
"TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING"
(Online Format)
07.06.2021 - 11.06.2021
MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
363, Arcot Road, Kodambakkam, Chennai 24
Invites you for a talk on
Introduction to Terramechanics
Date : 08-06-2021, Time: 11.00 AM to 12.45 PM**



SPEAKER
Dr.S.Jayalekshmi, Professor
Dr.S.Jayalekshmi is currently working as professor in Department of Civil Engineering, National Institute of Technology, Tiruchirappalli, Tamil Nadu. She is a recipient of Bharat Jyoti Award, Thiru Meenakshi Sundaram Pillai Merit Prize for securing University first rank in M.E.. She is currently guiding 2 Ph.D. Scholars and has guided 3 Ph.D. Scholars. Among which she has guided 2 Ph.D. students in the field of Terra mechanics and developed India's first Lunar Simulant (TRI-1) or Tiruchirappalli 1 as part of her guidance. She was instrumental in bringing the ISRO Project related to Chandrayaan - 2 to the Civil Engineering Department. She is also a recipient of many awards and prizes including the prestigious International Geosynthetic Student Award at GEOASIA 2004, Korea. A Collaborative Project has been completed with Ms. Golcha Associates, India's largest Talc Manufacturer. She is the member of committee for safety and security of institution, life member of IGS, member of institution of engineers (India) and organising committee of ACE 2016.

CO-ORDINATOR
Dr.R.ARIVAZHAGAN

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**5 Days
Faculty Development Programme
On
"TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING"
(Online Format)
07.06.2021 - 11.06.2021
MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
363, Arcot Road, Kodambakkam, Chennai 24
Invites you for a talk on
Soil Investigation An Overview
Date : 08-06-2021, Time: 02.00pm to 03.45pm**




SPEAKER
Prof Dr.P.Asha
Dr.P.Asha is a Professor and HOD (incharge) in Department of Civil Engineering at St.Peter's Institute of Higher Education and Research, Chennai. She has 5 years of industrial experience and 14 years of teaching experience. She has 70 publications in journals and conferences. She received the Viswakarma Award under the best academican category from Construction Industry Development Council, New Delhi in 2017. She has organized 20 national, international conferences, workshops and seminars out of which two are sponsored by DST SERB. She is a reviewer of international journals like Structural Engineering and Mechanics, Australian Journal of Structural Engineering. She has 2 patents published.

CO-ORDINATOR
Dr.R.ARIVAZHAGAN

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18. Posters for ATAL-FDP Day 3

 <p align="center">5 Days Faculty Development Programme On</p> <p align="center">"TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING" (Online Format) 07.06.2021 - 11.06.2021</p> <p align="center">MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE 363, Arcot Road, Kodambakkam, Chennai 24 Invites you for a talk on</p> <p align="center">Various Phenomena behind the Soil Deformation Behaviour Date : 09-06-2021, Time: 09.00 AM to 10.45 AM</p> <div data-bbox="126 876 693 1201">  <p>SPEAKER Dr.R.Arivazhagan</p> <p>Dr.R.Arivazhagan currently working as an Associate professor in Meenakshi Sundararajan Engineering College, Chennai. He is a popular teacher and teaches basic engineering and science to the students and encourage them for higher studies and research activities. B.Sc in Mathematics from St. Xavier's College Pallayamkottai. Engineering degree in Civil Engineering from the Institution of Engineers (India) and the Institution of Engineering and Technology (London) M.Tech (Coastal Zone Management) from College of Engineering Guindy Anna University. Ph.D from Division of Soil Mechanics and Foundation Engineering, College of Engineering Guindy Anna University. He has published 8 papers in National and International journals. He is serving as an expert member in various universities. Also, reviewer for International journal - Technical Gazette. He is an active member of The Institution of Engineers (India). The Institution of Engineering and Technology (London), Life Fellowship in Indian Geotechnical Society.</p> </div> <p>CO-ORDINATOR Dr.R.ARIVAZHAGAN</p> <p align="right">Meeting ID : 88114258391 Password : 90Kw3b</p>  <p><small>Made with PosterMyWall.com</small></p>	 <p align="center">5 Days Faculty Development Programme On</p> <p align="center">"TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING" (Online Format) 07.06.2021 - 11.06.2021</p> <p align="center">MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE 363, Arcot Road, Kodambakkam, Chennai 24 Invites you for a talk on</p> <p align="center">Evaluation of Material Model Parameters of Sand, Silt and Sand-Silt Date : 09-06-2021, Time: 11.00 AM to 12.45 PM</p> <div data-bbox="756 876 1323 1201">  <p>SPEAKER Dr.K.Premalatha</p> <p>Dr.K.Premalatha is currently working as Professor in the Division of Soil Mechanics and Foundation Engineering, Department of Civil Engineering, College of Engineering Guindy, Anna University, Chennai. She has over 34 years of experience in teaching. For her outstanding research, she was awarded with "Achievement Award for Research" in 2002 in Anna University. She was the Head of the Division of Soil Mechanics and Foundation Engineering from August 2013 to December 2018. She has published over 100 papers in international journals and conferences. She was the President of Society of Civil Engineers- 2014-15 CEG. Apart from academic work and research, she has undertaken many consultancy projects generating total revenue of Rs.1 crore to the University. Executive Committee member and Building Committee member- Alumni Association of CEG.</p> </div> <p>CO-ORDINATOR Dr.R.ARIVAZHAGAN</p> <p align="right">Meeting ID : 88114258391 Password : 90Kw3b</p>  <p><small>Made with PosterMyWall.com</small></p>	 <p align="center">5 Days Faculty Development Programme On</p> <p align="center">"TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING" (Online Format) 07.06.2021 - 11.06.2021</p> <p align="center">MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE 363, Arcot Road, Kodambakkam, Chennai 24 Invites you for a talk on</p> <p align="center">Geotechnical Finite Element Analysis using Programming Interface Date : 09-06-2021, Time: 02.00 PM to 03.45 PM</p> <div data-bbox="1407 876 1974 1201">  <p>SPEAKER SHIVADITYA ASHOK KUMAR</p> <p>SHIVADITYA ASHOK KUMAR, working as an Engineer in COWI, India. He had worked as an Engineer in TATA Consulting Engineers, India from the year 2015-2018. He had completed his M.Tech. in Indian Institute of Technology Roorkee, in Soil Dynamics. He got the membership in Institution of Civil Engineers (UK), Member of Indian Geotechnical Society. He was appointed as an Engineer in Finite element analysis of well foundation in PLAXIS 3D for the Construction of New Four lane Bridge across River Ganga on NH-133B made by COWI in the year 2020. At present he is employed for an ongoing project as an Engineer representing COWI for category checks in HS2 project, UNITED KINGDOM for numerous geotechnical structures. He also worked as an Engineer for the Analysis of slope stability of Ash Bund for thermal power plant storage and so on.</p> </div> <p>CO-ORDINATOR Dr.R.ARIVAZHAGAN</p> <p align="right">Meeting ID : 88114258391 Password : 90Kw3b</p>  <p><small>Made with PosterMyWall.com</small></p>
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19. Posters for ATAL-FDP Day 4



5 Days Faculty Development Programme
On
"TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING"
(Online Format)
07.06.2021 - 11.06.2021
MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
363, Arcot Road, Kodambakkam, Chennai 24
Invites you for a talk on
Numerical Methods in Geotechnical Engineering
Date : 10-06-2021, Time: 09.00 AM to 10.45 AM



SPEAKER
Dr. Sawant Viswas A
Dr. Sawant Vishwas A is Professor of Department of Civil Engineering at Indian Institute of Technology, Roorkee. He completed his bachelor of engineering from Mumbai University in 1990 and his M.Tech from IIT, Powai, Mumbai in 1993. He completed his Doctorate in Philosophy from the same university in 1998. His research topic was "Finite Element Analysis of Laterally Loaded Pile and Pile Groups. Dr. Vishwas published around 70 research articles in international and 21 research articles in national journals. His research and training programme is funded by the CSIR-CBRI, TBRL, SHASTRI INDO-CANADIAN INSTITUTE, METAROLLS ISPAT PRIVATE LIMITED, etc., He is a Member in Indian Geotechnical Society (Mumbai Chapter), Indian Society for Hydraulics, Indian Geotechnical Society, Indian Society of Earthquake Technology, Indian Society For Construction Materials and Structures. Dr. Vishwas has received Endeavour Award for Post-Doctoral fellowship in 2010. He has worked as Post-doctoral fellow at Edith Cowan University, Perth Australia. He received Shastri Indo-Canadian Research Grant in March 2018.

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5 Days Faculty Development Programme
On
"TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING"
(Online Format)
07.06.2021 - 11.06.2021
MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
363, Arcot Road, Kodambakkam, Chennai 24
Invites you for a talk on
Importance and Need for Observational Studies on the Behaviour of Piles and Piled Raft
Date : 10-06-2021, Time: 11.00 AM to 12.45 PM



SPEAKER
Dr.V.Balakumar
Dr.V.Balakumar is a whole time retainer consultant and has led many major piling projects which includes Tank Farms in BPCL in Kochi, Petrofac in Kochi and Vizag, 2X660MW power project for BHEL in Chennai, Chennai Metro in the crowded North Madras area and so on. He is a Ph.D holder from CEG-Anna University for his Thesis Experimental Studies of Model Piled raft On Sand and Field Study of ProtoType Behavior. He has been awarded two National Award namely IGS Afcons Biennial prize for the best paper on case histories for the year 2002-2003 and IGS -AIMIL award for the best paper on instrumentation for the year 2007-2008 from Indian Geotechnical Society.He is the recipient of two National Awards for his publications on piled raft. Notable project among numerous projects include nearly 2500 precast driven piles for IFFCO -Phase 2 expansion at Kandla including ground improvement in certain areas. He is also a member in TC207 (Soil Structure interaction) in the ISSMGE involved in soil structure interaction and deep Foundation study. He has been a visitor to Norwegian Geotechnical institute Oslo, Darmstadt University Germany, University of Wisconsin United States and Griffith University, Australia. He is reviewer for Indian Geotechnical journal and DFIt conferences and International Journal of GeoTechnical Engineering. He was the Co-Chairman of the organizing committee for the Indian Geotechnical Conference-2016.

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5 Days Faculty Development Programme
On
"TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING"
(Online Format)
07.06.2021 - 11.06.2021
MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
363, Arcot Road, Kodambakkam, Chennai 24
Invites you for a talk on
Application of Shells in Foundations
Date : 10-06-2021, Time: 02.00 PM to 03.45 PM



SPEAKER
Prof.P.Sachithanantham
P.Sachithanantham is currently working as Professor and HOD in Department of Civil Engineering,Sri Lakshmi Ammal College of Engineering, Chennai. He has Received Gold Medal for the Project work done during M.E.(Structural Engineering) programme, 1998.He has Guided an award winning project in the National Competition for Civil and Structural Engineering, for Best Innovative Structural Design, for the year 2002-2003, conducted by INSDAG. He Chaired as Judge for the Enrichment, Empowerment and Enhancement programme organized by Department of Civil Engineering, Meenakshi Sundararajan Engineering College, Kodambakkam, Chennai. July 2010. He Chaired as Sessions Chairman, for the National Conference on Green Engineering and Technologies, during 23rd-24th of September 2011, at V.S.B. Engineering College, Karur, organised by Department of Civil Engineering and sponsored by CSIR, DRDO and TNSCST.He Received Best Teacher Award for the Academic year 2011 - 12 from Bharath University.He also has won patent rights for Pre Mould and Mould for Precast Concrete Funicular Shells with Edge Beam(CBR No. 14911);The Controller of Patents, The Patent Office,Intellectual Property Office Building,G.S.T.Road,Guindy,Chennai-32.Also he has been a part of 22 National Conferences and presented his papers on various concepts of Civil Engineering.

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20. Posters for ATAL-FDP Day 5

 <p style="text-align: center;">5 Days Faculty Development Programme On "TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING" (Online Format) 07.06.2021 - 11.06.2021 MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE 363, Arcot Road, Kodambakkam, Chennai 24 Invites you for a talk on Case Studies in Challenges in Deep Excavation and Tunneling Works in Urban Areas Date : 11-06-2021, Time: 09.00 AM to 10.45 AM</p> <div style="border: 1px solid black; padding: 5px;">  <p>SPEAKER Dr. Ramanathan Ayothiraman Dr. Ramanathan Ayothiraman is currently working as Professor in Department of Civil Engineering, Indian Institute of Technology, Delhi. Prior to joining IIT Delhi in December 2008, he worked as an Assistant Professor at Indian Institute of Technology Guwahati for about 4 years. He has about 20 years of experience in teaching and research, in the area of Geotechnical Engineering. Graduated from Madurai Kamaraj University in April 1998. Post-Graduation from College of Engineering Guindy in Jan' 2000 with Gold Medal. Ph.D. in the area of Soil Dynamics from IIT Madras in May 2005. He published about 90 papers in reputed journals and conferences. He supervised 9 Ph.D theses and is currently supervising 10 Ph.D research scholars. He has delivered invited lectures at several short courses, workshops, seminars and conferences. He is also serving as member of BIS for revising National Building Code and Codes related to machine foundation. He has been a consultant providing technical advice for several metro projects including Delhi Metro, Kolkata Metro and Lucknow metro and several other projects of national importance.</p> </div> <p>CO-ORDINATOR Dr.R.ARIVAZHAGAN Meeting ID : 88114258391 Password : 90Kw3b</p> <p>Zoom logo</p> <p>Small text: Made with PosterMyWall.com</p>	 <p style="text-align: center;">5 Days Faculty Development Programme On "TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING" (Online Format) 07.06.2021 - 11.06.2021 MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE 363, Arcot Road, Kodambakkam, Chennai 24 Invites you for a talk on Statistical Characterisation of Grain Size Distribution in Sandy Soils Date : 11-06-2021, Time: 11.00 AM to 12.45 PM</p> <div style="border: 1px solid black; padding: 5px;">  <p>SPEAKER Dr.R.Arivazhagan Dr.R.Arivazhagan currently working as an Associate professor in Meenakshi Sundararajan Engineering College, Chennai. He is a popular teacher and teaches basic engineering and science to the students and encourage them for higher studies and research activities. B.Sc in Mathematics from St. Xavier's College Pallayamkottai. Engineering degree in Civil Engineering from the Institution of Engineers(India) and the Institution of Engineering and Technology (London) M.Tech (Coastal Zone Management) from College of Engineering Guindy Anna University. Ph.D from Division of Soil Mechanics and Foundation Engineering, College of Engineering Guindy Anna University. He has published 8 papers in National and International journals. He is serving as an expert member in various universities. Also, reviewer for International journal – Technical Gazette. He is an active member of The Institution of Engineers (India). The Institution of Engineering and Technology (London), Life Fellowship in Indian Geotechnical Society.</p> </div> <p>CO-ORDINATOR Dr.R.ARIVAZHAGAN Meeting ID : 88114258391 Password : 90Kw3b</p> <p>Zoom logo</p> <p>Small text: Made with PosterMyWall.com</p>
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21. Presentation of speaker introduction



Dr. P. Anbazhagan
Associate Professor
Indian Institute of Science,
Bangalore.



- Dr. P. Anbazhagan is Associate Professor of Civil and Environmental Engineering at the Indian Institute of Science, Bangalore.
- Dr. P. Anbazhagan has rich experience in teaching, research and Industrial consultancy.
- He has guided 6 Ph.D scholars and 11 Master's Thesis.
- He has published 94 Journal papers, 101 conference papers and 1 book & 3 chapters
- His research expertise includes:

- (1) Geotechnical Earth quake Engineering
- (2) Subsurface Exploration
- (3) Ground characterization by various in-situ testing/Geophysical methods
- (4) Advanced Laboratory testing etc.



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Dr. G.R. Dodagoudar
Professor
Indian Institute of Technology Madras,
Chennai.



- Dr. G.R. Dodagoudar is Professor of Department of Civil Engineering at Indian Institute of Technology Madras, Chennai.
- He completed his Diploma in 1988, Bachelor of Civil Engineering from Basaveswara College of Engineering Bagalkote in 1992 and his Master degree in Geotechnical Engineering from IIT Bombay, Mumbai in 1995.



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- Dr. P. Anbazhagan is a member of several expert committees constituted by Government of India, recipient of several national and international awards and member of several professional bodies.
- He is now serving as Research Advisor for Nan Yang Academy of Sciences, Singapore
- Dr. P. Anbazhagan is serving as a visiting professor for the third time in King Saud University, Riyadh, Saudi Arabia and he is also serving as an expert member in National Committees and Editorial board/review members in journals.
- He received the prestigious Endeavor Fellowship Award from Australian Government in 2009.
- He received the IEI Young Engineers Award 2010-2011 and the ISES Order of Merit 2015 Award for Outstanding Work in Earthquake Science.
- He received Indian Geotechnical Society Reviewer of the Year 2016 Award for the outstanding contribution to the Indian Geotechnical Journal.



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- He completed his Doctorate in Geotechnical Engineering from IIT Bombay, Mumbai in 2001.
- Dr. G.R. Dodagoudar has over 18 years of research, teaching within the broad fields of civil engineering education and 1 year experience in Industry.
- Dr. G.R. Dodagoudar published around 59 papers in international journal and 42 papers in national journals and more than 120 papers in proceeding of conference.
- Dr. G.R. Dodagoudar has guided 14 Ph.D students, 7 M.S students, 20 M.Tech students and ongoing 9 Ph.D students and 1 M.S student.
- He has written one book and two monographs.
- He is very active in continuing education programs, and delivers lectures and motivating talks to students, academicians and working professionals across the country.



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Dr. Janardhanan Gangathulasi
Associate Professor
National Institute of Technical
Teachers Training and Research,
Chennai



- Dr. Janardhanan Gangathulasi is Associate Professor of Civil and Environmental Engineering and Head of Centre for international Affairs and Centre for Curriculum Development, Planning and Coordination at the National Institute of Technical Teachers Training and Research, Chennai.
- Dr. Janardhanan has over 18 years of research, teaching and consulting experience within the broad fields of civil, environmental engineering, engineering education.



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- His research and training programme is funded by the ITEC, DST, World Bank, MHRD, PWD and several prominent state government and industries.
- His research expertise includes:
 - (1) Technology enabled teaching learning
 - (2) Assessment and Evaluation
 - (3) Development of MOOCs
 - (4) Accreditation, academic quality framework and academic auditing
 - (5) Learning Spaces – Blended approach
 - (6) Active and experiential learning
 - (7) Sustainable Development and Education
 - (8) Environmental remediation
 - (9) solid and hazardous waste management and landfill engineering
 - (10) life cycle assessment and sustainable construction materials.



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- Dr. Janardhanan published around 45 research articles in international and national journal and conference.
- He has been granted patent by GoI towards manufacturing artificial aggregate from waste Dr. Janardhanan has coordinated more than 20 international training programmes and trained around 400 international delegates from 68 different countries across the globe
- He has coordinated more than 200 training programmes and trained more than 15000 participants.
- He has developed and offered six MOOCs with a registration more than 30000.
- He is serving as a reviewer for various journal and international conference.



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- Dr. Janardhanan has received fellowship and awards
 - (a) UNESCO Invitation to the Asia-Pacific Regional Seminar on MOOCs for Higher Education
 - (b) Institution of Engineers, India - Young Engineer Award
 - (c) American Society of Civil Engineering (ASCE) – Illinois Section – Geotechnical Award
 - (d) Swiss Federal Institute of Technology (EPFL), Fellowship
 - (e) University of Illinois – Doctoral Fellowship.
- He is a Member in American Society of Engineering Education, American Society of Civil Engineers, International Water Association (IWA), Indian Society of Technical Education, Indian Geotechnical Society, National Solid Waste Association of India, Institution of Engineers (India).



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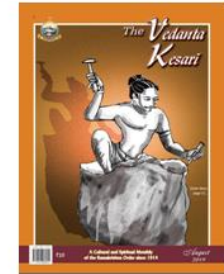
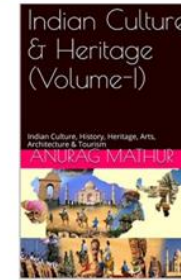
Swami SURACHITANANDA
Sri Ramakrishna Math,
Chennai.



- Swami Surachitananda is a monk of Ramakrishna Math and Mission.
- Swamiji worked in various capacities in Chennai and Thrissur centres.
- At present, Swamiji is assisting activities of Vivekananda Cultural Centre, Chennai.



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- Swamiji is the author of “Swami Abhedananda- A Yogi Par Excellence” and has compiled numerous other books.
- Swamiji also wrote a column on “Indian Culture and Heritage” and published a research article with new findings on Netaji Subhas Chandra Bose in “The Vedanta Kesari” magazine.



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- Ramakrishna Mission (RKM) is a Hindu religious and spiritual organisation which forms the core of a worldwide spiritual movement known as the Ramakrishna Movement or the Vedanta Movement.
- The mission is named after and inspired by the Indian saint Ramakrishna Paramahansa and founded by Ramakrishna's chief disciple Swami Vivekananda on 1st May 1897.
- Vivekanandar Illam, earlier known as Ice House (or) Castle Kernan, is a historical building in Chennai, India.
- It was constructed in 1842 by Frederic Tudor. Indian saint Swami Viv.....ekananda stayed in the building when he visited Chennai in 1897 and was later renamed in his honour.
- It is currently maintained by Ramakrishna Math and houses on exhibition on the life of Vivekananda



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- Swamiji participated in some of the relief works organized by our Math and Mission
 - Chennai floods 2015
 - Nagapattinam floods 2017
 - Kerala floods 2018, Nivar cyclone 2020.



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ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING



Dr. S. Jayalekshmi
Professor
National Institute of
Technology,
Tiruchirappalli.



- Dr.S.Jayalekshmi is currently working as professor in Department of Civil Engineering, National Institute of Technology, Tiruchirappalli, Tamil Nadu.
- She is a recipient of Bharat Jyoti Award, Thiru Meenakshi Sundaram Pillai Merit Prize for securing University first rank in M.E..
- She is currently guiding 2 Ph.D. Scholars and has guided 3 Ph.D Scholars. Among which she has guided 2 Ph.D. students in the field of Terra mechanics and developed India's first Lunar Simulant (TRI-1) or Tiruchirappalli 1 as part of her guidance.

- She is also a recipient of many awards and prizes including the prestigious International Geosynthetic Student Award at GEOASIA 2004, Korea.
- She specializes in the field of geotechnical engineering. Her research interests include Geosynthetics, Lunar Simulants, Environmental Geotechnique.
- She was instrumental in setting the creep testing facilities of IIT Madras as part of her research and in developing a Lysimeter, as part of M.Tech. Guidance.
- Another Ph.D. Scholar completed his Ph.D. in Structural Engineering stream, on Studies on Behaviour of Circular Concrete filled Steel Tubular Columns. She has submitted a report to ISRO which was well received.
- She was instrumental in bringing the ISRO Project related to Chandrayaan – 2 to the Civil Engineering Department. A simple experimental setup for wheel soil interaction studies on Lunar Simulants has been developed.



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•She is highly enthusiastic about her teaching and has handled 24 subjects(Theory and Laboratory) in the U.G., P.G. and Ph.D. Curricula.

- She has introduced seven new courses including
 1. Simulant Materials
 2. Constitutive Modeling of Geologic Materials
 3. Soil-Structure Interaction
 4. Marine Foundations
 5. Microbial Geotechnology and Ground Improvement
 6. Environmental Geotechnical Engineering and
 7. Geotechnical Earthquake Engineering.
- She has guided 51 M.Tech. Projects, in Transportation Engineering and Management, Environmental Engineering and Structural Engineering and Construction Engineering and Management Specialisations.
- A Collaborative Project has been completed with Ms. Golcha Associates, India's largest Talc Manufacturer. An innovative floating concrete canoe fabricated under her guidance was awarded a certificate of appreciation by Indian Concrete Institute and I.I.T. Madras.

- A certificate of Appreciation was awarded for her article contribution by the Institution of Engineers(India). She has also mentored students and developed the communication skills of students as the Faculty in charge of Weekly Seminar Activities of P.G. Students and Research Scholars for two years (2007 – 2009).
- Dr.S.Jayalekshmi represented the N.I.T ,Tiruchirappalli in the ISRO – Respond Exploratory Meeting at V.I.T. Vellore on 08.09.2016.
- She is a Member of the Committee for Safety and Security of the Institute from 25.11.2016.
- Dr.S.Jayalekshmi was in the Organising Committee of ACE 2016, International Conference, Singapore and is Track Co-Chair for Civil Engineering in FEAST 2017 and 2018.
- She has reviewed for Institution of Engineers (Series A) and Canadian Journal of Geotechnical Engineering. She is Life Member of IGS , IGS (Chennai Chapter) and Member of Institution of Engineers (India) and ISTE. National Institute of Technology, Tiruchirappalli



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Dr. P. ASHA
Professor
HOD (In charge)
St.Peter's Insitute of
Higher Education and
Research, Chennai.



- Dr.P.Asha has completed B.Tech and M.Tech from Pondicherry Engineering College and PhD from Anna University.
- She has 5 years of industrial experience in L& T ECC division Chennai and 14 years of teaching experience.
- She has 70 publications in journals and conferences. She received the Viswakarma Award under the best academician category from Construction Industry Development Council , New Delhi in 2017.



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(07.06.2021 - 11.06.2021)



- She had guided so far 30 B.E projects and 36 M.E. projects. She is currently guiding 7 Ph.D scholars.
- Her areas of interest include earthquake resistant structures, composite materials , use of industrial waste materials in concrete etc..
- She has organized 20 national, international conferences, workshops and seminars out of which two are sponsored by DST SERB.
 - Received Topper certificate and mentor certificate SWAYAM course “Design of Reinforced Concrete Structures”.
 - She is a reviewer of international journals like Structural Engineering and Mechanics, Australian Journal of Structural Engineering.
 - She has 2 patents published



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ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING



Dr.R.Arivazhagan
Associate professor
Meenakshi Sundararajan
Engineering College.



- Dr.R.Arivazhagan currently working as an Associate professor in Meenakshi Sundararajan Engineering College, Chennai.
- He is a popular teacher and teaches basic engineering and science to the students and encourage them for higher studies and research activities.
- B.Sc in Mathematics from St. Xavier's College Pallayamkottai.
- Engineering degree in Civil Engineering from the Institution of Engineers(India) and the Institution of Engineering and Technology (London)



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- M.Tech (Coastal Zone Management) from College of Engineering Guindy Anna University.
- Ph.D from Division of Soil Mechanics and Foundation Engineering, College of Engineering Guindy Anna University.
- He has actively participated in organizing several short courses, workshops, FDPs and national/ International conferences.
- He has delivered invited lectures at several workshops, seminars and conferences.



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- Delivered guest lecture in faculty development programs, conducted by various renowned colleges and universities.
- And also, given lectures in various subject for students from reputed college and universities.
- He is highly enthusiastic about his teaching and has handled many subjects in the U.G., Curricula.
- He has published 8 papers in National and International journals
- He has presented 10 papers in Conferences.



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- He is serving as an expert member in various universities.
- Also, reviewer for International journal – Technical Gazette
- His enriched knowledge in the field of civil engineering has given way to be a visiting professor at
- C.E.G Anna University,
- Institute of Irrigation Management, Tricky and
- Anna Institute of Management, Chennai.



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J. S. S.

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ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING



Dr.K.Premalatha
Professor
College of Engineering
Guindy, Anna University



- Dr.K.Premalatha is currently working as the Professor in the Division of Soil Mechanics and Foundation Engineering, Department of Civil Engineering, College of Engineering Guindy, Anna University, Chennai.
- She has over 34 years of experience in teaching.
- She had completed her under graduate BE programme in Annamalai University in 1986, post graduate ME programme and Ph.D in College of Engineering Guindy, Anna University Chennai in 1990 and 2002 respectively.
- For her outstanding research, she was awarded with "Achievement Award for Research" in 2002 in Anna University



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- Projects under her mentorship was awarded with special award for innovative project, Krishnaswamy Mohan Memorial Endowment award.
- She was the Head of the Division of Soil Mechanics and Foundation Engineering from August 2013 to December 2018.
- She had introduced subjects like Geotechnical Earthquake Engineering, Unsaturated Soil Mechanics, Instrumentation in Geotechnical Engineering and Constitutive Modelling in Geotechnical Engineering.
- She has published over 100 papers in international journals and conferences. She has guided over 30 BE projects, 91 ME projects, 2 MS (by research), 2 PhDs and 9 ongoing research.
- Apart from academic research, she has completed funded research from TNHB Chennai, Ministry of Coal and Ministry of Information Technology, Government of India and Ministry of Revenue Administration and Disaster Management, Government of Tamil Nadu.



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- She also acted as the Secretary for Indian Geotechnical Society, Chennai Chapter. For the term 2010 – 2012. The Chapter received The Best chapter Award from The Main Chapter housed in New Delhi for the Professional activity of the above year.
- She was the President of Society of Civil Engineers- 2014-15 CEG.
- Executive Committee Member, IGS from 2009 to 2015 and actively participated and conducted number of seminar, conferences.
- Executive Committee member and Building Committee member- Alumni Association of CEG.



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- She has Membership in the following Professional Societies
 - ✓ Fellow in Institution of Engineers
 - ✓ Member in International Geosynthetic Society
 - ✓ Member in society of Science
 - ✓ Member in Engineers Hub, Chennai.
 - ✓ Member in International WHO'S WHO Historical Society (MID 5694909)
 - ✓ Membership for the Block year of 2020-2024, International Society of Soil Mechanics and Geotechnical Engineering.
- Apart from academic work and research, she has undertaken many consultancy projects generating total revenue of Rs.1 crore to the University.



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J. Jeyaraj

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- CHENNAI-600 026



SHIVADITYA ASHOK KUMAR
GMICE
B.Engg Civil, M.Tech Soil
Dynamics



- At present he is working as an Engineer in COWI, India
- He had worked as an Engineer in TATA Consulting Engineers, India from the year 2015-2018
- He had completed his M.Tech. in Indian Institute of Technology Roorkee, in Soil Dynamics.
- He had finished his B.E. Anna University, in Civil Engineering
- He got the membership in Institution of Civil Engineers (UK) and Member of Indian Geotechnical Society.



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- At present he is employed for an ongoing project as an Engineer representing COWI for category checks in HS2 project, UNITED KINGDOM for numerous geotechnical structures .
- He was also employed as an Engineer for the extension of the existing harbor area in DENMARK in the year 2020 by COWI.
- He was appointed as an Engineer in Finite element analysis of well foundation in PLAXIS 3D for the Construction of New Four lane Bridge across River Ganga on NH-133B made by COWI in the year 2020.
- He also worked as an Engineer for the Analysis of slope stability of Ash Bund for thermal power plant storage and so on



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ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING



Dr. Vishwas A Sawant
Professor
Indian Institute of Technology,
Roorkee.



- Dr. Vishwas A Sawant is Professor of Department of Civil Engineering at Indian Institute of Technology, Roorkee.
- He completed his bachelor of engineering from Mumbai University in 1990 and his M.Tech from IIT, Powai, Mumbai in 1993.
- He completed his Doctorate in Philosophy from the same university in 1998. His research topic was "Finite Element Analysis of Laterally Loaded Pile and Pile Groups"



- Dr. Vishwas has over 22 years of research, teaching and consulting experience within the broad fields of civil, geotechnical engineering, engineering education.
- Dr. Vishwas published around 70 research articles in international and 21 research articles in national journals.
- Dr. Vishwas A Sawant has guided 10 Ph.D students and 11 ongoing researchers and 34 master's thesis.



- His research and training programme is funded by the CSIR-CBRI, TBRL, SHASTRI INDO-CANADIAN INSTITUTE, METAROLLS ISPAT PRIVATE LIMITED, etc.,
- He is a Member in Indian Geotechnical Society (Mumbai Chapter), Indian Society for Hydraulics, Indian Geotechnical Society, Indian Society of Earthquake Technology, Indian Society For Construction Materials and Structures.
- Dr. Vishwas has received Endeavour Award for Post-Doctoral fellowship in 2010.
- He has worked as Post-doctoral fellow at Edith Cowan University, Perth Australia



- He received Shastri Indo-Canadian Research Grant in March 2018
- His main areas of expertise are
 - a) Dynamic Analysis of Pile and Pile Groups
 - b) Pavement Analysis
 - c) Soil Liquefaction
 - d) Soil-Structure Interaction
 - e) Numerical Modelling in Geomechanics.



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Dr.V.Balakumar
Structural & Geotechnical
Consultant



- Dr.V.Balakumar is a whole time retainer consultant and has led many major piling projects which includes Tank Farms in BPCL in Kochi, Petrofac in Kochi and Vizag, 2X660MW power project for BHEL in Chennai, Chennai Metro in the crowded North Madras area and so on.
- He is a Ph.D holder from CEG-Anna University for his Thesis Experimental Studies of Model Piled raft On Sand and Field Study of ProtoType Behavior
- He has been awarded two National Award namely IGS Afcons Biennial prize for the best paper on case histories for the year 2002-2003 and IGS –AIMIL award for the best paper on instrumentation for the year 2007-2008 from Indian Geotechnical Society



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- He is a life fellow of Indian Geotechnical Society, life member in Southeast Asian Geotechnical society, member of the International Society of Soil Mechanics and Geotechnical Engineering and Deep Foundation Institute USA.
- He is also a member in TC207 (Soil Structure interaction) in the ISSMGE involved in soil structure interaction and deep Foundation study.
- He has been in the board of studies for various institutions including, Anna University affiliated colleges, Anna university CEG for M.E course in Soil Mechanics and Geotechnical Engineering. He had been a visiting faculty in GCT ,Coimbatore ,teaching professional practice in geotechnical engineering, for which the syllabus was also formulated by him.
- Presently he is an Adjunct Professor in Vellore Institute of Technology – university and [Karunya](#) university Coimbatore



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- He was involved in the design and construction of driven cast in-situ piles for which he shifted himself to United Technical Consultants Pvt Ltd, Chennai and was involved in large soil investigations (more than 300 projects) including planning and execution of field and laboratory tests and preparation of reports.
- He worked in various organisations involved in Soil Investigations, piling and ground improvement. Notable project among numerous projects include nearly 2500 precast driven piles for IFFCO -Phase 2 expansion at Kandla including ground improvement in certain areas.
- He is the recipient of two National Awards for his publications on piled raft.
- He has published close to 40 papers in National and International conferences including four journal papers.

- He has delivered a number of invited lectures in person and through webinars in the recent times.
- He has been a visitor to Norwegian Geotechnical institute Oslo, Darmstadt University Germany, University of Wisconsin United States and Griffith University, Australia.
- He has organized workshops on Pile termination criteria and embankments respectively and one day seminar on behalf of DFI in Mangalore on Rock socketed piles.
- He is reviewer for Indian Geotechnical journal and DFI conferences and International Journal of Geotechnical Engineering.
- He was the Co-Chairman of the organizing committee for the Indian Geotechnical Conference-2016.



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P. Sachithanatham
HOD Civil Dept.
Sri Lakshmi Ammal Engineering
College, Chennai,
Tamil Nadu



- P.Sachithanatham is currently working as Professor and HOD in Department of Civil Engineering, Sri Lakshmi Ammal College of Engineering, Chennai.
- He has Received Gold Medal for the Project work done during M.E.(Structural Engineering) programme, 1998.
- He has Guided an award winning project in the National Competition for Civil



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- He Chaired as Judge for the Enrichment, Empowerment and Enhancement programme organized by Department of Civil Engineering, Meenakshi Sundararajan Engineering College, Kodambakkam, Chennai. July 2010.
- He Chaired as Sessions Chairman, for the National Conference on Green Engineering and Technologies, during 23rd-24th of September 2011, at V.S.B. Engineering College, Karur, organised by Department of Civil Engineering and sponsored by CSIR, DRDO and TNSCST.
- He has also Received Best Paper Award for the paper titled, 'Experimental Study on Eco Recycling of Ferrous Foundry Slag in Concrete' National Conference on Green Engineering and Technologies, during 23rd-24th of September 2011, at V.S.B. Engineering College, Karur, organised by Department of Civil Engineering and sponsored by CSIR, DRDO and TNSCST



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- He Chaired as Sessions Chairman, for International Conference on Advances in Civil Engineering – ACE, at K.L University, Guntur, Andhra Pradesh during 21st – 23rd October 2011.
- He Received Best Teacher Award for the Academic year 2011 – 12 from Bharath University.
- He has also Received Best Teacher Award for the Academic year 2013 – 14 from Bharath University in commemoration of Teacher's Day Celebration on 5th September 2014
- He has guided 31 M.Tech projects and 93 B.Tech projects.
- He also has won patent rights for Pre Mould and Mould for Precast Concrete Funicular Shells with Edge Beam (CBR No. 14911): The Controller of Patents, The Patent Office, Intellectual Property Office Building, G.S.T. Road, Guindy, Chennai-



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- He has Delivered Guest Lecture on 'Flitched Beams' in Faculty Development Training Programme on Mechanics of Solids, Sponsored by Anna University, organized by Department of Civil Engineering, Agni College of Technology, Chennai, 16th to 22nd June 2014.
- He Delivered Guest Lecture on 'Concrete Shells' organized by Department of Civil Engineering, Danish Ahmed College of Engineering, Chennai, 15th July 2014.
- Also he has Delivered Technical Guest Lecture in the subject 'Prestressed Concrete Structure' organized by Department of Civil Engineering, Jeppiaar Engineering College, Chennai, 27th August, 2014.
- Also he has been a part of 22 National Conferences and presented his papers on various concepts of Civil Engineering



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J. S. Mani

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ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING



Dr. Ramanathan Ayothiraman
Professor
Indian Institute of Technology,
Delhi.



- Dr. Ramanathan Ayothiraman is currently working as Professor in Department of Civil Engineering, Indian Institute of Technology, Delhi.
- Prior to joining IIT Delhi in December 2008, he worked as an Assistant Professor at Indian Institute of Technology Guwahati for about 4 years.



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- He has about 20 years of experience in teaching and research, in the area of Geotechnical Engineering
- Graduated from Madurai Kamaraj University in April 1998
- Post-Graduation from College of Engineering Guindy in Jan' 2000 with Gold Medal.
- Ph.D. in the area of Soil Dynamics from IIT Madras in May 2005.



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- He published about 90 papers in reputed journals and conferences.
- He supervised 9 PhD theses and is currently supervising 10 PhD research scholars.
- He has actively participated in organizing several short courses, workshops and national/international conferences. He has delivered invited lectures at several short courses, workshops, seminars and conferences.
- Prof. Ayothiraman is also serving as member of BIS for revising National Building Code and Codes related to machine foundation.



Bureau of Indian Standards
The National Standards Body of India



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- He has been a consultant providing technical advice for several metro projects including Delhi Metro, Kolkata Metro and Luck now metro and several other projects of national importance.
- Area of interest in Soil Dynamics and Earthquake Engineering, Pile Foundations, Deep Excavations in Urban Areas, Problematic Soils and Ground Improvement
- He is highly enthusiastic about his teaching and has handled subjects in the U.G., P.G. and Ph.D. Curricula







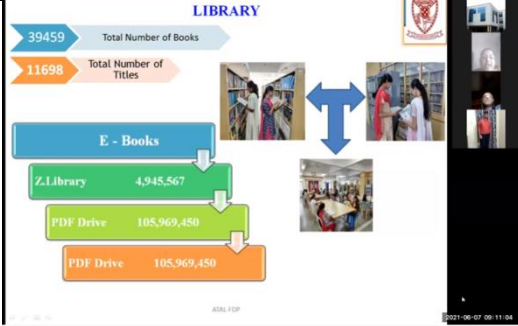


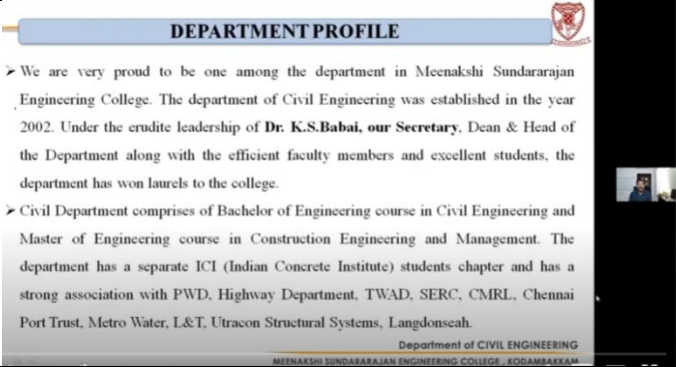

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22. The screenshots of the inaugural function

		
	 <p style="font-size: small; text-align: center;">FDP TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING INAUGURAL DAY 1</p>	
		

23. The screenshots of the speaker presentation

DAY 1 SESSION 1 : Known and Unknowns of Soil Testing and Estimation of SBC using Standard Penetration Tests -
 Dr.P.Anbazhagan, Associate Professor, IISC Bangalore

Prof. Dr. P. Anbazhagan
 Department of Civil Engineering
 Indian Institute of Science, Bangalore
<http://civil.iisc.ernet.in/~anbazhagan/>
 Phone: +919448100410 or +9180 2293 2467


Bearing-Capacity of Soil

- Gross pressure intensity (q) is the intensity of pressure at the base of foundation due to load from super structure, self weight of foundation overburden, if any.
- Net pressure intensity (q_n) is gross pressure intensity minus the overburden pressure at the level of base of foundation prior to excavation.

$$q_n = q - \gamma D$$
- Ultimate bearing capacity (q_t) is the minimum gross pressure intensity at which the soil at the base of foundation fails by shear.
- Net ultimate bearing capacity (q_{nf}) is the minimum net pressure intensity at which the soil at the base of foundation fails by shear.


$$q_{nf} = q_f - \gamma D$$
- Net safe bearing capacity (q_{ns}) is the maximum net pressure intensity to which the soil at the base of foundation can be subjected without risk of shear failure.

$$q_{ns} = \frac{q_{nf}}{F}$$
 where F = factor of safety against shear failure



Pisa Bologna

Typical Seismic Borehole Testing

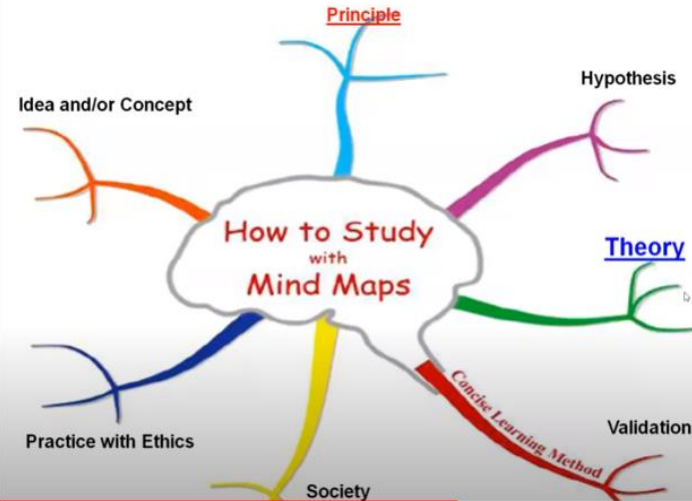


DAY 1 SESSION 2 : Sustainable Practices and High Rise Buildings - Dr.G.R.Dodagoudar, Professor, IIT Madras

Foundation Design*

Foundation Design: Foundation engineer must possess a working knowledge in each of the following areas:

- Structural Engineering
- Geotechnical Engineering
- Construction Engineering



Summary

1. The design of piled-rafts requires a detailed and adequate site investigation program to collect all relevant data of the subsoil and groundwater conditions.
2. An economic and safe design of piled-raft foundations is only possible if **soil-structure interaction** is considered, **using adequate and reliable calculation methods.**
3. **The design of a piled-raft** has to be controlled and proven by an independent geotechnical expert concerning the relevant assumptions, the calculation model and the results calculated by the designer.
4. **The application of the observational method** is an important aspect for the successful design and construction of piled-rafts, and is recommended in

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DAY 1 SESSION 3 : Sustainable Geotechnics - The Way Ahead - Dr.G.Janardhan, Associate Professor, NITTR, Chennai

Sustainable Geotechnics

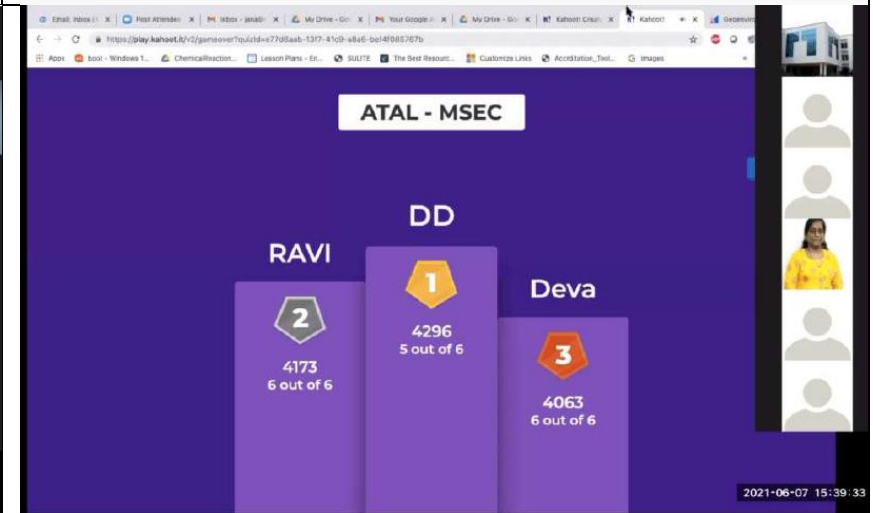
Dr. G. Janardhanan, Ph.D. (USA),
Associate Professor & Head (IC)
Centre for International Affairs and
Centre for Curriculum Development Planning and Coordination
National Institute of Technical Teachers Training and Research
(An Autonomous Institute under Ministry of Education, Govt. of India)
Taramani, Chennai - 600 133, India

Go to www.menti.com and use the code 8954 9196

Sustainable Geotechnics aspects need to be studied

- Before investigation: 61
- During investigation: 7
- After investigation: 3

Triple bottom line sustainability	Environmental	Social	Economic
Energy efficiency and carbon reduction	✓	✓	✓
Materials and waste reduction	✓	✓	✓
Maintained natural water and enhanced aquatic environment	✓	✓	✓
Climate change adaptation and resilience		✓	✓
Effective land use and management	✓	✓	✓
Economic viability and whole-life cost		✓	✓
Positive contribution to society		✓	



DAY 2 SESSION 1 :

Understanding Perception, Conscious and Subconscious Mind and Meditation - **Swami Surarchitananda**, Sri Ramakrishna Math, Chennai

The image is a composite of four panels from a video recording. The top-left panel is a title slide with the text: "UNDERSTANDING PERCEPTION, CONSCIOUS AND SUBCONSCIOUS MIND AND MEDITATION" by Swami Surarchitananda. The top-right panel shows a YouTube player interface with a slide titled "Understanding Meditation Through Samkhya". The slide lists two main categories: "Purusha - Pure Consciousness" and "Prakriti - Matter (24 principles)". Under Purusha, it lists properties: 1) a witness, 2) possessed of isolation or freedom, 3) indifferent, 4) a spectator, and 5) inactive. Under Prakriti, it lists properties: 1) Three gunas i.e., sattva, rajas and tamas, 2) Unintelligent, and 3) Non-eternal and others. The bottom-left panel shows a live video of Swami Surarchitananda, a man in an orange robe, speaking into a microphone. The bottom-right panel shows another slide titled "Understanding Meditation through Samkhya" which discusses "Disjunction" and "Separation of Purusha and Prakriti". It states: "The goal of meditation is to separate these two entities" and "Attaining jnana leading to isolation or separation". A summary lists: 1. Purusha, 2. Prakriti, 3. Conjunction, and 4. Disjunction.


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DAY 2 SESSION 2 :

Introduction to Terramechanics - Dr.S.Jayalekshmi, Professor, NIT Tiruchirappalli

Introduction to Terramechanics -
Evaluation of Material Parameters and
Constants from Terramechanics Perspectives

Dr.S.Jayalekshmi
Professor
Department of Civil Engineering,
N.I.T. Tiruchirappalli

Soil Thrust

- The soil thrust is the maximum force experienced by the soil before the occurrence of excessive slippage.
- At wheel soil interface, traction is developed because of soil thrust. In simple, thrust is friction between wheel and soil. Soil thrust is given as,

(Source: Apostolopoulos, 2001; Petritsenko, 2012)

Mobility performance parameter - soil thrust		
	$H = H_0 (1 - \theta^{2l/K})$ $l = \frac{D}{2} \cos^{-1} (1 - \frac{2s}{D}) \quad ; \quad H_0 = (blc_0 + W_w \tan \phi)$	
Soil thrust	K is coefficient of soil slip, T is length of vehicle contact, 's' is slip ratio, 'W _w ' is wheel weight, 'c ₀ ' is soil cohesion, 'φ' is internal friction angle, 'b' is wheel width, 'D' is wheel diameter and 'r' is wheel sinkage.	Without lugs
	$H_0 = N (blc_0 + W_w \tan \phi)$ $H = A c_0 + W_w \tan \phi$	With lugs

INTRODUCTION

- Rovers are mobile robots which aid planetary explorations.
- While moving on difficult terrain of the Martian planet and lunar surface, these rovers have to negotiate steep slopes and rough terrain.
- Hence a study on their tractive performance becomes essential.
- This paper highlights the impact of various size parameters such as wheel weight, diameter of wheel, width of wheel, wheel surface pattern (grousers), grouser height.



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DAY 2 SESSION 3 :

Soil Investigation an Overview - **Dr.P.Asha, Professor and HoD (Incharge)**, St.Peter's Institute of Higher Education and Research, Chennai

Soil Investigation – An Overview


Dr.P.Asha, Professor & HoD Incharge
St.Peter's Institute of Higher Education and Research
ashap1905@gmail.com



Soil Investigation - Dr.P.Asha

2021-06-08 14:04:49

Question 3 :What is the type of soil?



Soil Investigation - Dr.P.Asha

2021-06-08 14:26:42

Categories of Samples and Type of Samples Required (R.F.Craig)

Class No.	Objective	Type of sample required
Class 1:	Classification, water content, density, shear strength, deformation and consolidation tests	Undisturbed
Class 2:	Classification, water content, density	Undisturbed
Class 3:	Classification, water content tests	Disturbed but representative
Class 4:	Classification only	Disturbed
Class 5:	Strata identification only	Disturbed

Soil Investigation - Dr.P.Asha

2021-06-08 15:03:08

Dumping of Waste Material




Soil Investigation - Dr.P.Asha

2021-06-08 15:03:08

DAY 3 SESSION 1:

Various Phenomena behind the Soil Deformation Behaviour - **Dr.R.Arivazhagan, Assistant Professor, Meenakshi Sundararajan Engineering College, Chennai**

Structural Dynamics

Structures subjected to **Dynamic loads** involves consideration of time- related **inertial forces**

$$F - ma = 0$$

Dynamic equilibrium – D’Alembert’s Principle

$$-\frac{dN}{dt} \propto N$$

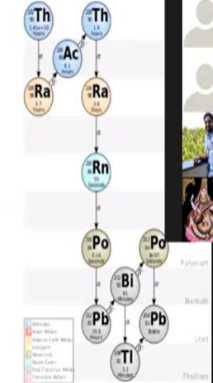
Particular radionuclides decay at different rates, so each has its own decay constant λ . The expected decay $-dN/N$ is proportional to an increment of time, dt :

$$\frac{dN}{N} = -\lambda dt$$

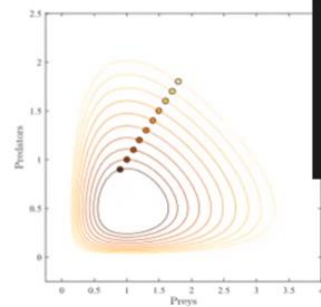
As the decay events follow one after another. The solution to this first-order differential equation is the function:

$$N(t) = N_0 e^{-\lambda t}$$

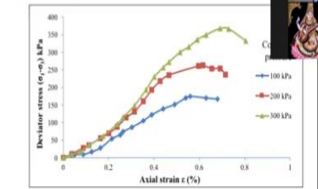
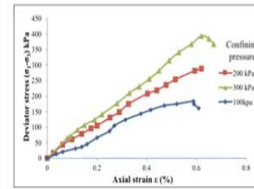
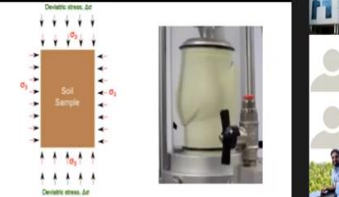
where N_0 is the value of N at time $t = 0$, with the decay constant expressed as λ



Predator- Prey model



Stress-strain Characteristics of Sand-silt Mixtures In CU Conditions



Stress-strain curve of sample S90M10 in CU condition
Stress-strain curve of sample S80M20 in CU condition

2021-08-09 10:42

J. Arivazhagan

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DAY 3 SESSION 2:

Evaluation of Material Model Parameters of Sand, Silt and Sand-Silt - **Dr.K.Premalatha, Professor**, CEG Guindy, Anna University, Chennai

STUDIES ON EVALUATION OF PARAMETERS OF MATERIAL MODEL FOR SAND AND SAND-SILT MIXTURES

Dr. K. PREMALATHA

Professor

Division of Soil Mechanics & Foundation Engineering
Department of Civil Engineering
College of Engineering, Guindy

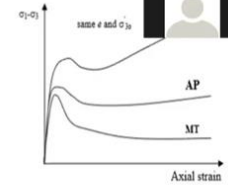


Anna University Chennai – 600 025

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Sample Preparation Techniques And Its Influence In Stress-strain Characterist

- Loose saturated MT specimens of sands with non-plastic fines are typically contractive and have a strain softening response in undrained monotonic tri-axial compression (Thevanayagam et al. 2002; Vaid et al. 1999).
- Vaid (1994) reported that the MT technique does not stimulate the alluvial deposits and produce non-homogenous specimens.
- Lade and Yamamuro (1997); Yamamuro and Covert (2001); Zlatovic and Ishiraha (1997) reported that the fabric of loose air pluviated specimens of silty sands shows highly contractive behaviour.
- The water pluviation is generally considered to be a better technique than air pluviation because of its capability to produce initially saturated specimens that are easy to replicate (Vaid and Nagessey 1998).
- Ghionna and Porcino (2006); Oda et al. 1978 showed that specimens prepared by water pluviation technique have similar behaviour and fabric of natural alluvial soils.
- Kuerbis and Vade (1998) assured that water pluviation method is not suitable for sand containing fines because of the problem of particle segregation.
- It is reported by Miura and Toki (1982) that the response of specimens prepared from slurry deposition technique are similar to that of sand specimens prepared by water pluviation technique.



Undrained stress-strain responses of sand specimens prepared by different preparation techniques (Carraro et al. 2004)

2021-06-09 11:17:23

SAMPLE COLLECTION



Silty sand

Sholinganallur (12.900988°N 80.22793°E)

26

DESIGNATION OF SAND AND SAND MIXTURES

S.No	Samples	Designation	S.No	Samples	Designation
1	Arcot	NS1	1	Fine sand 100%	S5
2	Sankaranpadi	NS2	2	Medium size sand 100%	S6
3	Palur	NS3	3	Coarse sand 100%	S7
4	Chengalpet	NS4	4	Medium size sand 50% and coarse sand 50%	
5	Padalam	NS5	5	Coarse sand 50% and fine sand 50%	
			6	Medium size sand 50% and fine sand 50%	
			7	Fine sand 33.33%, Medium size sand 33.33% and Coarse sand 33.34%	

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DAY 3 SESSION 3:

Geotechnical Finite Element Analysis using Programming Interface - Mr.M.Shivaditya, Marine Geotechnical Engineer, COWI

Geotechnical Finite Element Analysis using Programming Interface

A. Shivaditya
COWI Marine Geotechnical Engineer
MTech Soil Dynamics GMICE (UK)

Geotechnical Data Analysis

- Geotechnical Engineers deal with huge amount of data
- The data can be raw and sometimes cannot be used directly
- Statistical and regression analysis is sometimes required to get the actual data
- Data collection and cleaning is a huge trend in today's engineering world

Mesh Quality Check

- While using any Cadmatic software's, and using scripts to import to an FEM module check the mesh quality
- Also depends on the advancement of the FEM software

3D 3D13 tessellated cylinder	parametric cylinder
medium mesh 2690 elements	medium mesh 1630 elements
fine mesh 4590 elements	fine mesh 4400 elements

3D visualization of a curved structure, likely a pipe or tunnel, rendered in red within a software environment.


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DAY 4 SESSION 1:

Numerical Methods in Geotechnical Engineering - Dr.Sawant Viswas A, Professor, IIT Roorkee

Numerical Modelling in Civil Engineering

- Roots of Equation
- Solution of Simultaneous Equation
- Finite Difference Method
- Finite Element Method
- Application to Civil Engineering



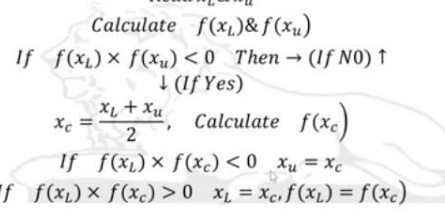
Computational Modeling: Application in Structural and Geomechanics Problems
IIT ROORKEE
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Bracketing Method

Bisection Method

```

Read  $x_L$  &  $x_u$ 
Calculate  $f(x_L)$  &  $f(x_u)$ 
If  $f(x_L) \times f(x_u) < 0$  Then  $\rightarrow$  (If NO)  $\uparrow$ 
     $\downarrow$  (If Yes)
 $x_c = \frac{x_L + x_u}{2}$ , Calculate  $f(x_c)$ 
If  $f(x_L) \times f(x_c) < 0$   $x_u = x_c$ 
If  $f(x_L) \times f(x_c) > 0$   $x_L = x_c, f(x_L) = f(x_c)$ 
    
```



IIT ROORKEE

Total Stress Equilibrium Equation


$$\nabla^T \mathbf{DB} \mathbf{q}_e + \rho \{g\} = 0$$

Applying Variational Approach

$$\int \mathbf{q}^T (\nabla^T \mathbf{DB} \mathbf{q}_e + \rho \{g\}) dA = 0$$

$$\int \mathbf{q}_e^T \mathbf{N}^T (\nabla^T \mathbf{DB} \mathbf{q}_e + \rho \{g\}) dA = 0$$

... (9)
... (10)



IIT ROORKEE



DAY 4 SESSION 2:

Importance and Need for Observational Studies on the Behaviour of Piles and Piled Raft - **Dr.V.Balakumar, Senior Consultant,** Simplex Infrastructures Ltd



<h3 style="text-align: center;">TYPE OF PILES</h3> <p style="text-align: center;">METHOD OF INSTALLATION</p> <ul style="list-style-type: none"> • • • 1. DRIVEN CAST IN SITU PILES • 2. DRIVEN PRECAST PILES AND PRECAST JOINTED SEGMENTAL PILES • • 3. BORED CAST IN SITU PILES • 4. SHEET PILES 		<h3 style="text-align: center;">SOIL INVESTIGATION</h3> <ul style="list-style-type: none"> • The first element in the planning is the soil investigation for the various constituent structures of the project.. One has to judiciously select the method of investigation and the composition of field and lab tests. Planning of the investigation comprises of • Selection of drilling methods • Field and lab testing • Report preparation and submission • BY THE ACCEPTING AGENCY • Review of the report and selection of the parameters • Foundation design and monitoring 	
<h3 style="text-align: center;">PRESENT TREND (GEO-TECHNICAL INVESTIGATION)</h3> <p>Presently the scope & planning of soil investigation appears to be independent of the type of project. Be it a simple residential apartment, or a complicated power project the scope of investigation and contents of the report remains identical. Later at the time of design and execution, if there is a problem or a future expansion, judgment and simplified assumptions prevail over the science. Further compilation of data and the validation of such data help to improve the design process and design methodology for similar future works.</p>		<h3 style="text-align: center;">CONCLUSIONS</h3> <ul style="list-style-type: none"> • 1.In the design of single pile capacity, from static parameters, the reliability of the parameters has to be ensured by more number of in situ tests in addition to SPT,so that the parameters can be effectively validated. • 2. The number of load tests has to be decided based on the risk factors involved in evaluating through tests or correlations • 3.Monitoring of pile installation and construction sequence is essential as the installation methods and construction sequence can change the parameters causing a variation between the parameters assumed in the design and the parameters after construction. • 4. In the case of piled raft monitoring is essential during construction and after construction to evaluate the performance of piled raft.It is recommended to do a back analyses with the observed data to reconfirm its performance. 	

DAY 4 SESSION 3

Application of Shells in Foundations - Prof.P.Sachithanantham, HOD, Sri Lakshmi Ammal Engineering College

Introduction

- Framed structures – Resist loads by the virtue of geometry.

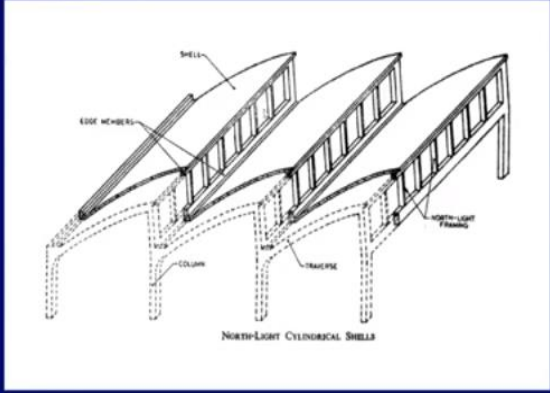
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Curvature of Shell

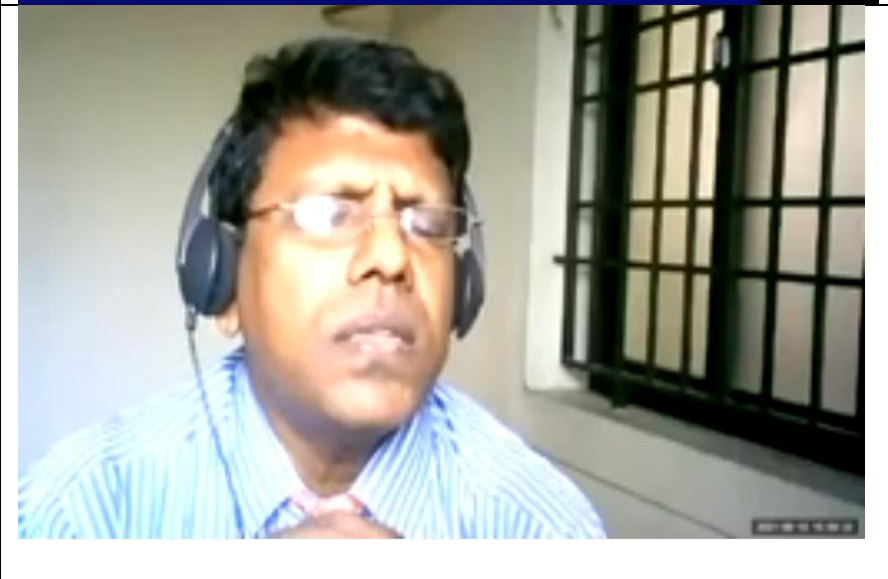
- Shells may be broadly classified as 'singly-curved' and 'doubly-curved'. This is based on Gauss curvature.
- The product of the two principal curvatures, $1/R_1$ & $1/R_2$ at any point on the surface of the shell is said to be Gaussian curvature.
- The gauss curvature of singly curved shells is zero because one of their principal curvatures is zero. They are, therefore, developable.
- Doubly-curved shells are non-developable and are classified as synclastic or anticlastic according as their Gauss curvature is positive or negative.
- Using the definition of Gaussian curvature the shells are classified depending on the curvature.
- The plane curves formed by three intersecting planes containing normal to the surface are called normal sections of the surface at a point.
- Depending on the Gaussian curvature value, three surfaces are possible,

Types of Shells

- North-Light Shell




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DAY 5 SESSION 1:

Case Studies in Challenges in Deep Excavation and Tunneling Works in Urban Areas **Dr.R.Ayothiraman, Professor, IIT Delhi**

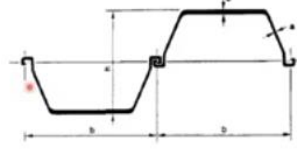
Case Studies on Challenges in Deep Excavation and Tunneling Works in Urban Areas



Ramanathan Ayothiraman
 Department of Civil Engineering
 Indian Institute of Technology Delhi
 Email: araman@civil.iitd.ac.in
ayothiraman@gmail.com

2021-06-11 09:06

STEEL SHEET PILES



Section	Width	Height	Back Flange Thickness	Flange Thickness	Developed Section Area	Section Area	Coating Area	Mass	Section Modulus	Moment of Inertia	Radius of Gyration	
	B	H	t1	t2	A1	A2	A3	M	Sx	Ix	r	
	in	in	in	in	sq ft	sq ft	sq ft	lb-ft	in ³	in ⁴	in	
PU 6	23.62	8.90	.295	.252	28.1	4.54	4.78	30.44	15.5	11.2	49.2	3.30
PU 8	23.62	11.02	.315	.294	29.4	5.48	5.02	36.62	18.6	15.4	85.0	3.94
PU 12	23.62	14.17	.388	.354	31.0	6.61	5.28	44.28	22.5	22.3	157.8	4.89
PU 16	23.62	14.96	.472	.354	32.3	7.51	5.51	50.20	25.6	29.8	223.5	5.45
PU 20	23.62	15.75	.488	.382	34.4	8.50	5.87	58.92	28.9	37.2	292.0	5.86
PU 25	23.62	17.80	.559	.394	35.5	9.45	6.07	63.23	32.2	46.5	413.7	6.62
PU 32	23.62	17.80	.708	.430	35.5	11.48	6.07	77.01	38.1	58.5	529.2	6.79

FIGURE 3.4 Sheet pile section—U sheet. (Courtesy of Skyline Steel, Inc. Gig Harbor, WA)

2021-06-11 09:18:34

Comparison of Analytical and FEM Method for Building Risk Assessment

Drive	Category of risk of damage	Number of Buildings (Analytical Method)	Number of Buildings (FE Analysis)
Tunnel Drive-TD1	1 Aesthetic	1	1
	2 Aesthetic	4	5
	Functional	18	18
Tunnel Drive-TD2	Serviceability And structural	9	8
	2 Aesthetic	13	2
	Functional	36	14
	Serviceability And structural	31	42

2021-06-11 10




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DAY 5 SESSION 2:

Statistical Characterisation of Grain Size Distribution in Sandy Soils - **Dr.R.Arivazhagan, Assistant Professor, Meenakshi Sundararajan Engineering College, Chennai**

GRAIN SIZE - PERMEABILITY

- If swash infiltration is significant, the water that infiltrates will not participate the backwash. - Kempt 1975
- Swash infiltration depends on the "permeability" of the sediments bed which increases with "grain size" and surfing. - Bascom 195
- In coarse sand beaches, where swash infiltration is very important, the beach slope tends to increase with permeability. - Komar 1996

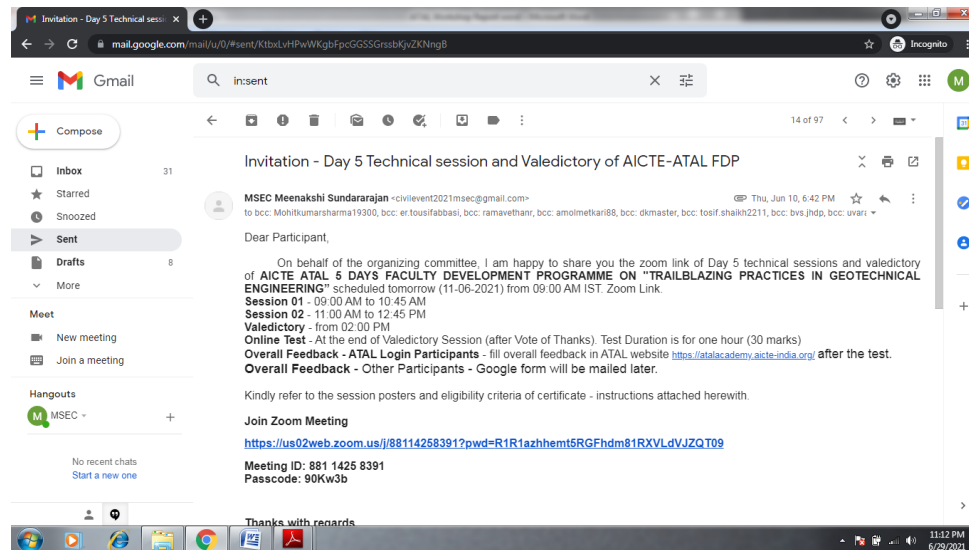
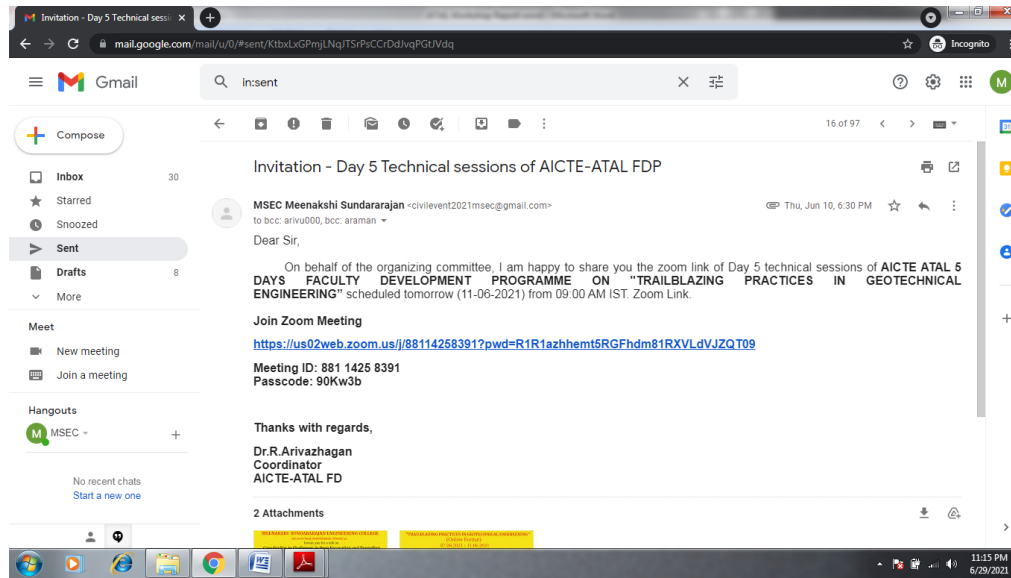
GRAIN SIZE DISTRIBUTION CURVES

Backshore

Berm

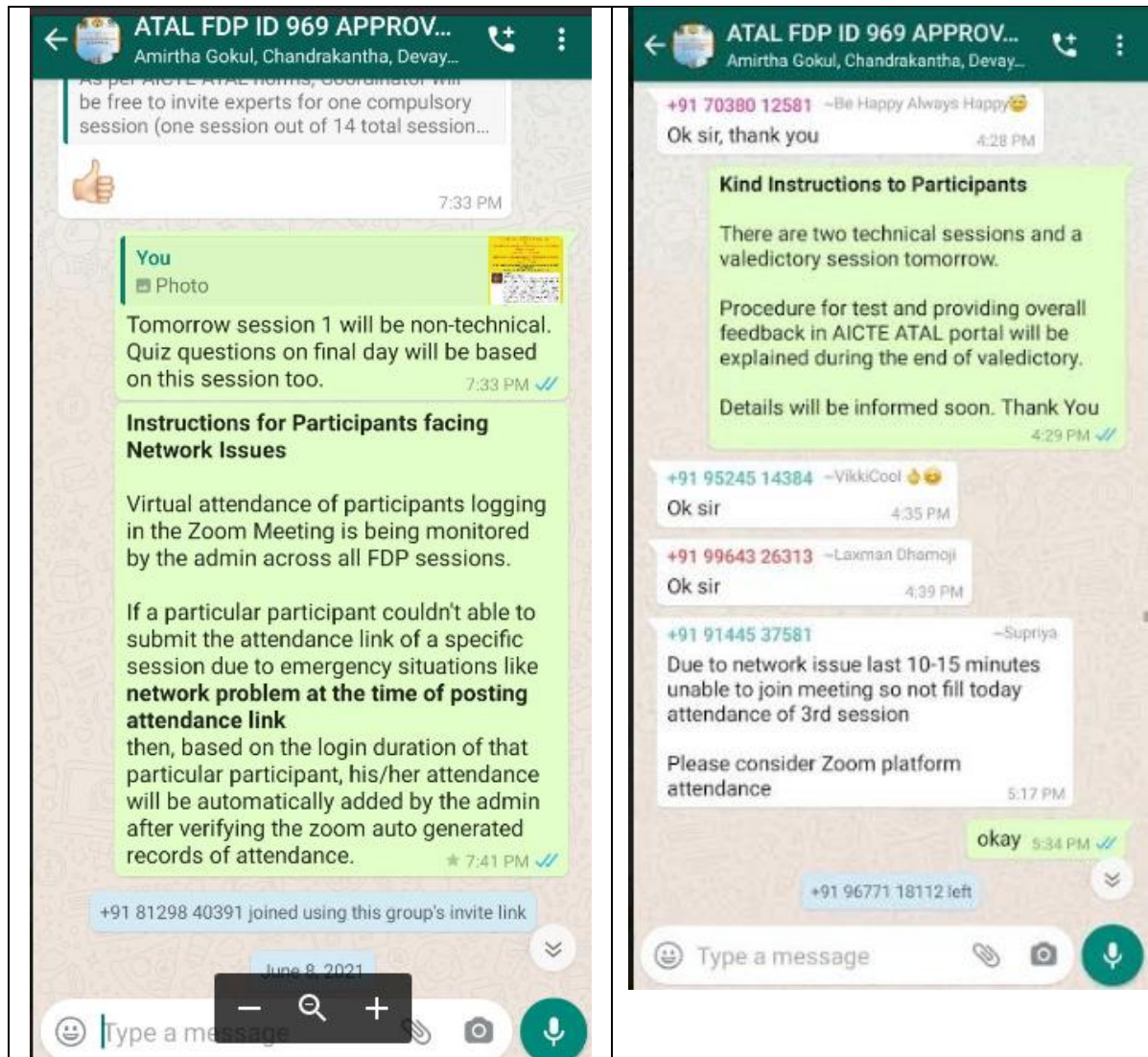
Foreshore

24. Information communicated to the participants through social media:

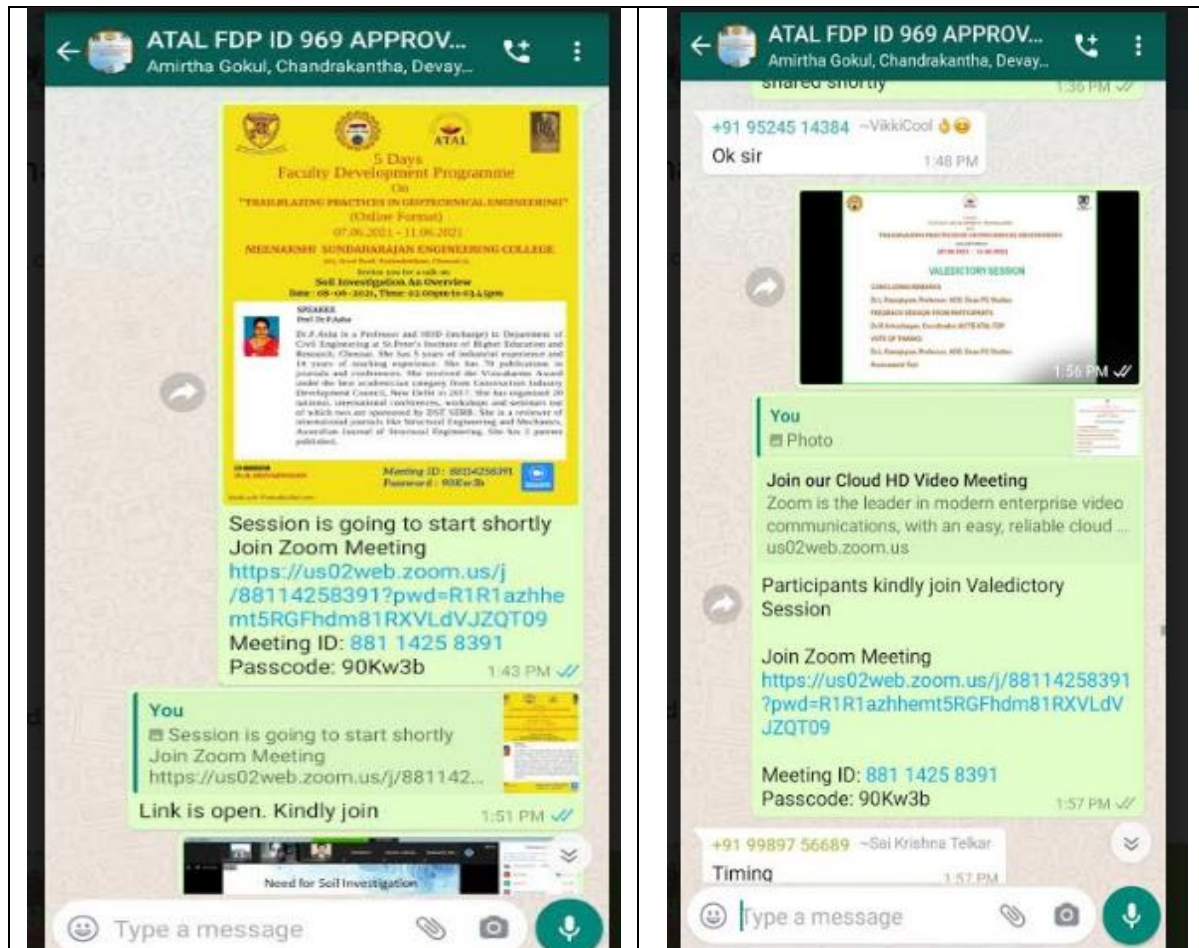


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ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING

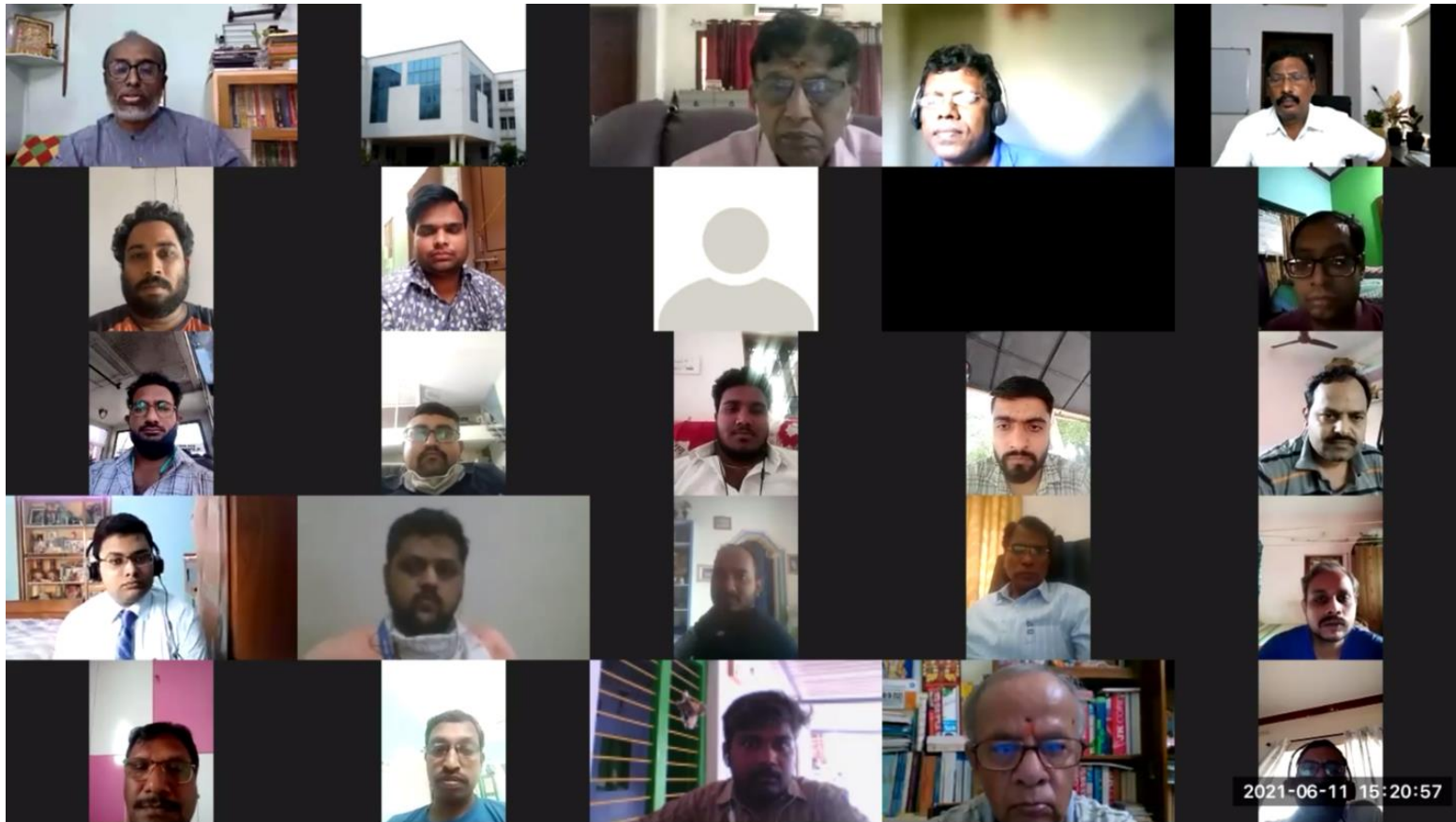


ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING



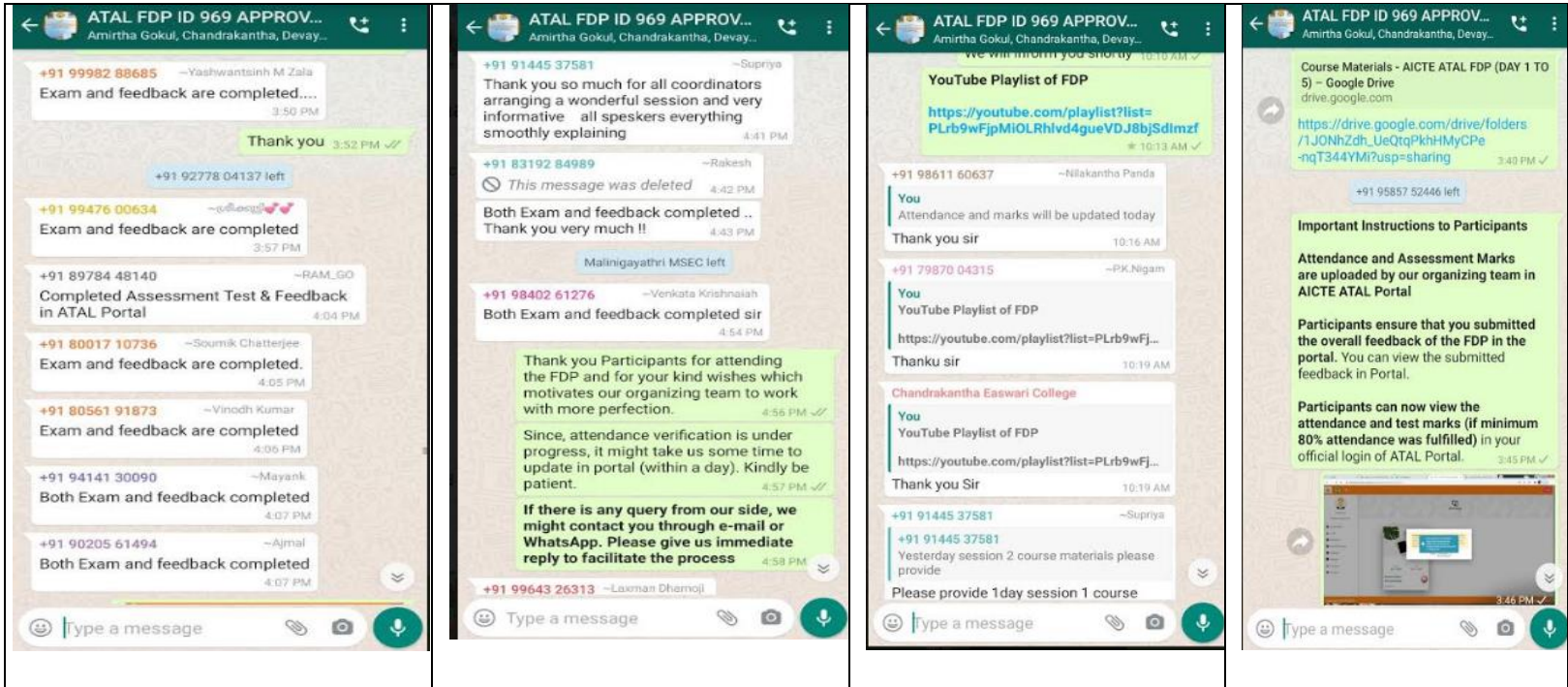
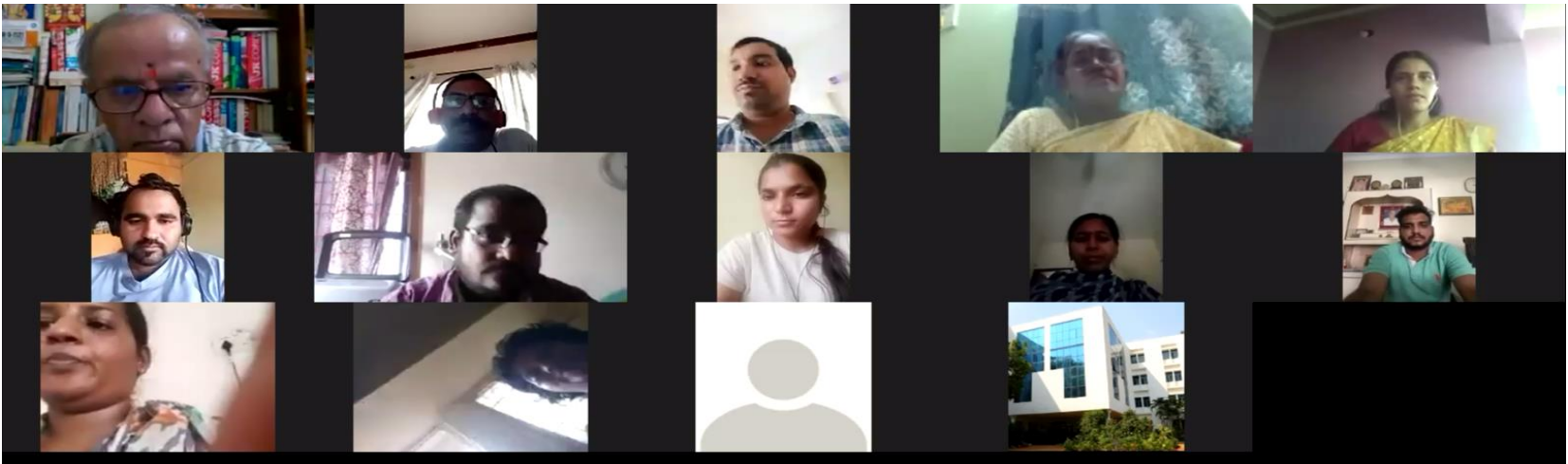

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25. The screenshots of the valedictory and feedback sessions

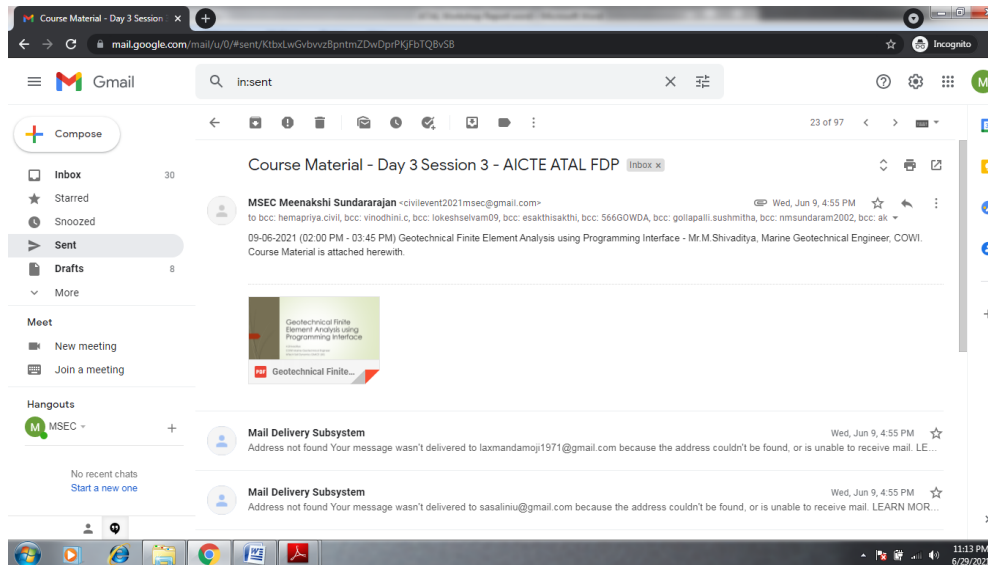
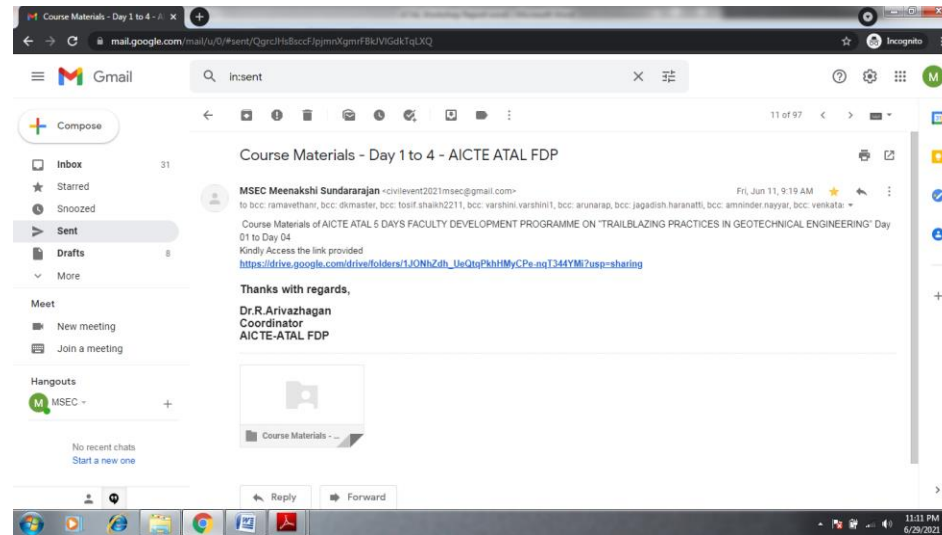



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26. Proof for course materials distribution to the participants



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27. The screenshots of the participants test marks uploaded in the ATAL-AICTE portal

The screenshot shows a web browser window displaying the ATAL-AICTE portal. The URL is atalacademy.aicte-india.org/co-ordinator/test-marks. The user is logged in as a Co-ordinator (arivu000@gmail.com). The page title is "Workshops". A search bar is present above a table of participants. The table lists the following data:

Name	Email	Phone	Marks Obtained	Total Marks	Marks
NAMBI HARISH	nambiharish.ce@gmail.com	9985332393	28	30	
RAMBADE GANESH	rganesh226@gmail.com	9010397417	24	30	
Laxman Dhamoji	laxmandhamoji1971@gmail.com	9964326313	13	30	
Karthika N	nkarthika20@gmail.com	8883628018	25	30	
K.S.Johnsirani	johnsirani1971@gmail.com	9486306658	24	30	

The browser's taskbar shows open files: "participants_expor....xlsx" and "1614410893_cons....pdf". The system tray shows the date and time as 4:03 PM on 6/29/2021.


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Awari Mahesh Babu	dramaheshbabu@gmail.com	9849181725	25	30	
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P.VINODHKUMAR	vinodheswar007@gmail.com	8056191873	25	30	
BARATH RAJ.S	barath.msec@gmail.com	9003252602	25	30	
ANBU NEEMA	anbuneema@yahoo.com	7305909895	30	30	
THOTA MURALI KRISHNA	tmkrishnaresearch@gmail.com	7013700874	25	30	


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28. The screenshots of the participant’s attendance uploaded in the ATAL-AICTE portal

The screenshot shows a web browser window displaying the ATAL-AICTE portal. The page title is "Attendance" and the user is logged in as a Co-ordinator (arivu000@gmail.com). The interface includes a navigation menu on the left with options like Submitted Applications, Edit Resource Person, Profile, Workshops, Applied Participants, Approved Participants, Test Marks, and Feedbacks. The main content area shows a table for marking attendance for participants on dates 2021-06-07 to 2021-06-11. Each row has radio buttons for Present and Absent, and a Submit button.

Name	Email	Preview	2021-06-07	2021-06-08	2021-06-09	2021-06-10	2021-06-11	
Mohitkumar Sharma	Mohitkumarsharma19300@gmail.com	<input checked="" type="radio"/>	<input type="radio"/> Present <input type="radio"/> Absent	<input type="radio"/> Present <input type="radio"/> Absent	<input type="radio"/> Present <input type="radio"/> Absent	<input type="radio"/> Present <input type="radio"/> Absent	<input type="radio"/> Present <input type="radio"/> Absent	<input type="radio"/> Present <input type="radio"/> Absent <input type="button" value="Submit"/>
Tousif Abbasi	er.tousifabbasi@gmail.com	<input checked="" type="radio"/>	<input type="radio"/> Present <input type="radio"/> Absent	<input type="radio"/> Present <input type="radio"/> Absent	<input type="radio"/> Present <input type="radio"/> Absent	<input type="radio"/> Present <input type="radio"/> Absent	<input type="radio"/> Present <input type="radio"/> Absent	<input type="radio"/> Present <input type="radio"/> Absent <input type="button" value="Submit"/>
N.R.Vethamoorthy	ramavethanr@gmail.com	<input checked="" type="radio"/>	<input type="radio"/> Present <input type="radio"/> Absent	<input type="radio"/> Present <input type="radio"/> Absent	<input type="radio"/> Present <input type="radio"/> Absent	<input type="radio"/> Present <input type="radio"/> Absent	<input type="radio"/> Present <input type="radio"/> Absent	<input type="radio"/> Present <input type="radio"/> Absent <input type="button" value="Submit"/>


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Name	Email	Status	Present	Absent	Present	Absent	Present	Absent	Present	Absent	Action
MASTER			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
MahammadTosif Ismail Shaikh	tosif.shaikh2211@gmail.com		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Submit
Bharat Shinde	bvs.jhdp@gmail.com		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Submit
UVARAJ	uvarajmane11858@gmail.com		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Submit
Annie Varshini Raj	varshini.varshini1@gmail.com		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Submit
Jayanti Munda	jayanti.nitw@gmail.com		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Submit
K.S.Johnsirani	johnsirani1971@gmail.com		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Submit
C.MALA	malacivil12@gmail.com		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Submit
EASWARY P	eashchandra82@gmail.com		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Submit
Anjali Diwalkar	anjali.diwalkar@aissmsioit.org		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Submit
Raviteja Alugolu	raviteja.a@pragati.ac.in		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Submit
Shweta N Vantamuri	snv.shweta@gmail.com		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Submit


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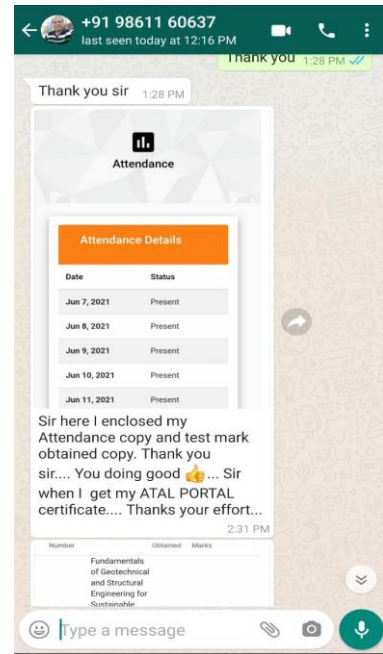
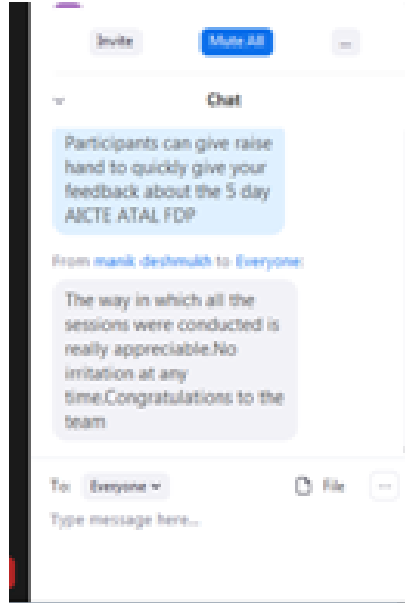
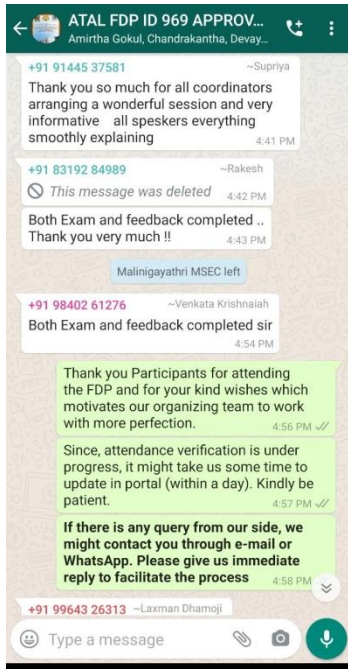
Name	Email	Camera	Present	Absent	Present	Absent	Present	Absent	Present	Absent	Submit
Saraswathy S	prabhugct18@gmail.com		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Submit
Yogesh Nandkumar Bafna	yogesh.bafna@svkm.ac.in		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Submit
Sonali Mishra	sonali.mitra.sm@gmail.com		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Submit
Deepak Gunjagi	deepak.gunjagi@gmail.com		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Submit
Sabarinathan N	sabarinathan61098@gmail.com		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Submit
VIKAS CHOUDHARY	vikas_3384@yahoo.com		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Submit
A.RAJESH	anburajesh24890@gmail.com		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Submit
MEGHA O	meghaolakkan@gmail.com		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Submit

Items per page: 25 1 - 25 of 200

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29. Some of the feedbacks received for the workshop




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30. Some of the feedbacks received for the workshop received from the participants in the ATAL-AICTE portal

Feedback 1:

Feedback Details

Thrust Area :	Engineering
Sub-thrust Area :	Environmental Geotechnology
FDP Title :	TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING
Workshop held at (Institute/Organisation Name) :	MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
From:	2021-06-07
To :	2021-06-11
Course Code:	1614410893

Ratings have been provided on a **5-point scale**.

1. You strongly disagree with the statement
2. You disagree with the statement

Ratings have been provided on a **5-point scale**.

1. You strongly disagree with the statement
2. You disagree with the statement
3. You neither agree nor disagree with the statement
4. You agree with the statement
5. You strongly agree with the statement

About the Content of the Workshop

The workshop content was relevant for me	5
The content of the workshop was very comprehensive	5
The content of the workshop was not repeated	5
The OVERALL content of the work was excellent	5

About Trainers and Teaching

The trainers had very strong expertise in the area	5
The trainers had excellent communication skills	5


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The trainers had very strong expertise in the area 5

The trainers had excellent communication skills 5

All the trainers made the workshop very interesting 5

The trainers were very well prepared for the workshop 5

About the Workshop

The workshop timings were very convenient 5

The pedagogy used in the workshop was very appropriate 5

There were sufficient breaks in between sessions 5

Workshop Assessment

The workshop assessment was very suitable 5

The workshop assessment was not at all difficult 5

Administrative Support

I did not face any connectivity issue because of the portal 5

The ATAL academy website is easy to navigate 5

Information about ATAL academy was easily available 5

OVERALL – how would you rate the workshop

Considering your overall with the workshop, how likely are you to recommend the workshops conducted by ATAL academy to your friend or colleague? 10


This question is answered on a 10-point scale with 1 being Highly UNLIKELY to Recommend and 10 being Will definitely Recommend

Resource Persons

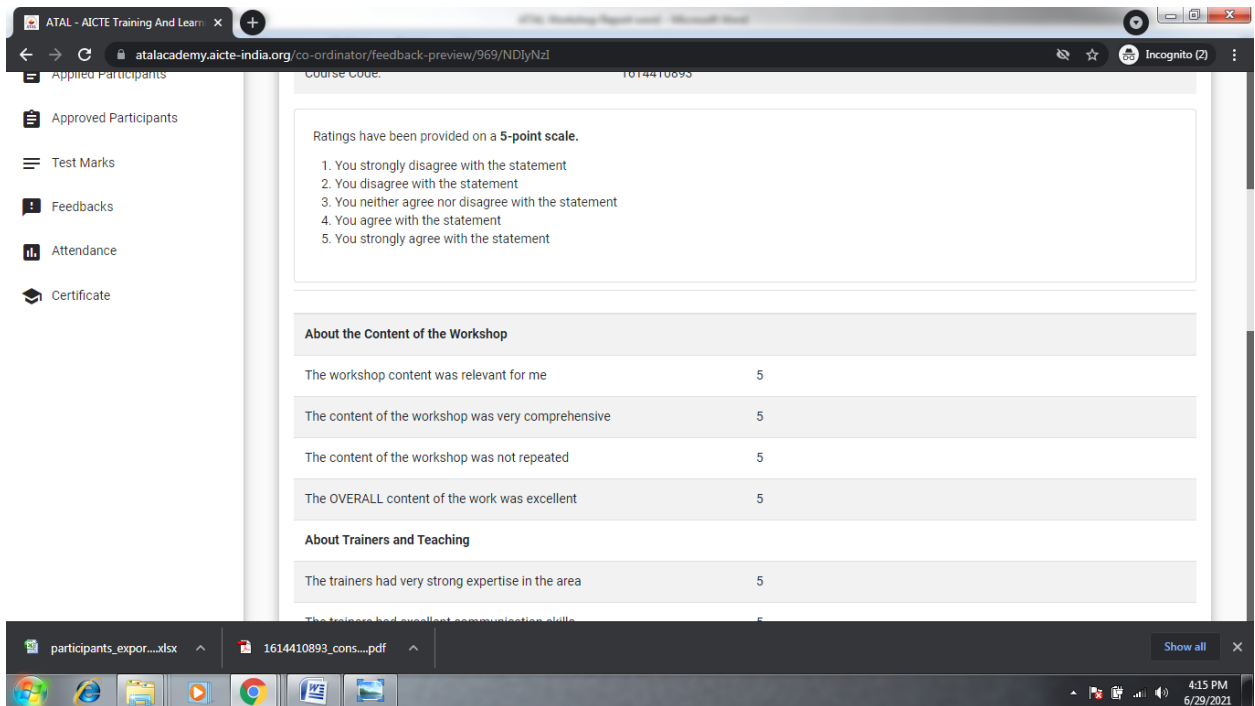
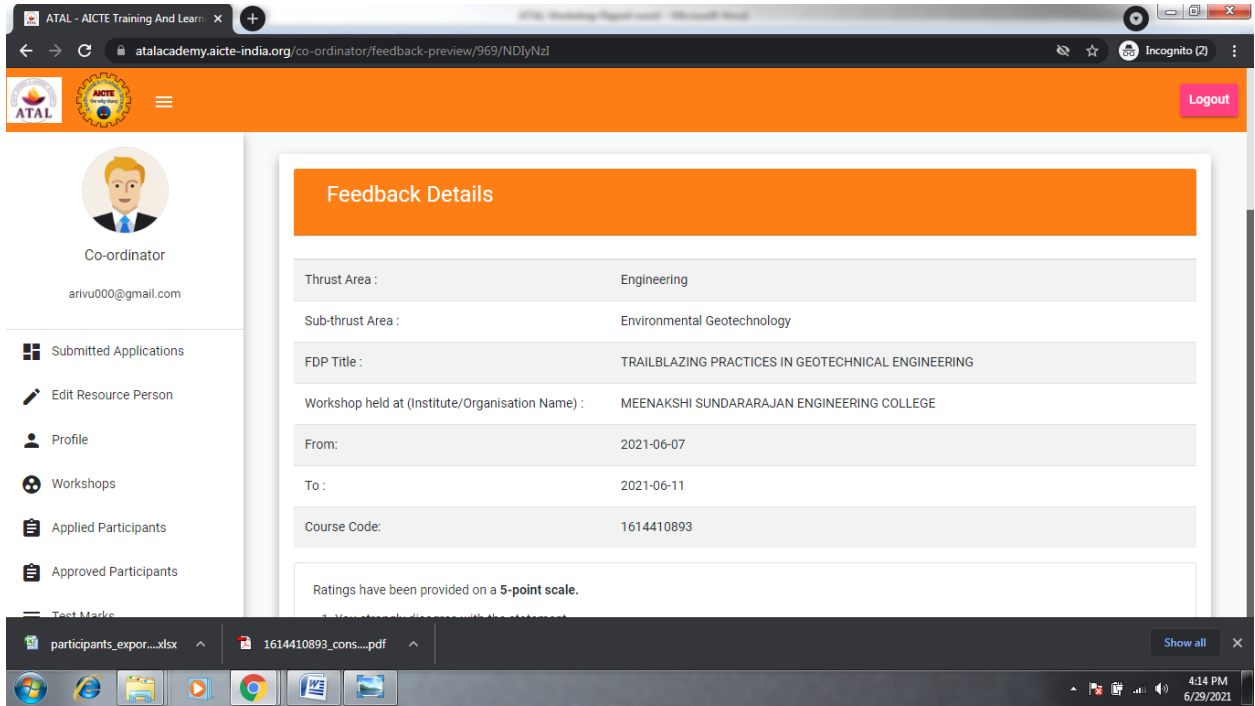
1st Best resource person/faculty: Anbazhagan P

2nd Best resource person/faculty: R.Arivazhagan

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Feedback 2:



ATAL WORKSHOP ON TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING

The screenshot shows a web browser window displaying a feedback form. The URL is atalacademy.aicte-india.org/co-ordinator/feedback-preview/969/NDlyNzI. The form contains several sections with ratings:

The trainers had excellent communication skills	5
All the trainers made the workshop very interesting	5
The trainers were very well prepared for the workshop	5
About the Workshop	
The workshop timings were very convenient	5
The pedagogy used in the workshop was very appropriate	5
There were sufficient breaks in between sessions	5
Workshop Assessment	
The workshop assessment was very suitable	5
The workshop assessment was not at all difficult	5
Administrative Support	
I did not face any connectivity issue because of the portal	5
The Audio and Video quality were excellent	5
The registration process was extremely efficient and smooth	5

The second screenshot shows the continuation of the feedback form. It includes an overall rating question and a list of resource persons:

The Audio and Video quality were excellent	5
The registration process was extremely efficient and smooth	5
The ATAL academy website is easy to navigate	5
Information about ATAL academy was easily available	5
OVERALL – how would you rate the workshop	
Considering your overall with the workshop, how likely are you to recommend the workshops conducted by ATAL academy to your friend or colleague? <small>This question is answered on a 10-point scale with 1 being Highly UNLIKELY to Recommend and 10 being Will definitely Recommend</small>	10
Resource Persons	
1st Best resource person/faculty:	Swami Surarchitananda
2nd Best resource person/faculty:	P.Sachithanantham


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Feedback 3:

The screenshot shows a web browser window displaying the ATAL Academy feedback preview page. The URL is atalacademy.aicte-india.org/co-ordinator/feedback-preview/969/MTg1NzI2. The page features a navigation menu on the left with options like Submitted Applications, Edit Resource Person, Profile, Workshops, Applied Participants, Approved Participants, Test Marks, and Feedbacks. The main content area is titled "Feedback Details" and contains the following information:

Thrust Area :	Engineering
Sub-thrust Area :	Environmental Geotechnolgy
FDP Title :	TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING
Workshop held at (Institute/Organisation Name) :	MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
From:	2021-06-07
To :	2021-06-11
Course Code:	1614410893

Ratings have been provided on a **5-point scale**.

1. You strongly disagree with the statement
2. You disagree with the statement
3. You neither agree nor disagree with the statement

The screenshot shows the same web browser window, but now displaying a list of feedback statements. Each statement is followed by a rating of 5. The statements are categorized under three headings:

About the Content of the Workshop

- The workshop content was relevant for me 5
- The content of the workshop was very comprehensive 5
- The content of the workshop was not repeated 5
- The OVERALL content of the work was excellent 5

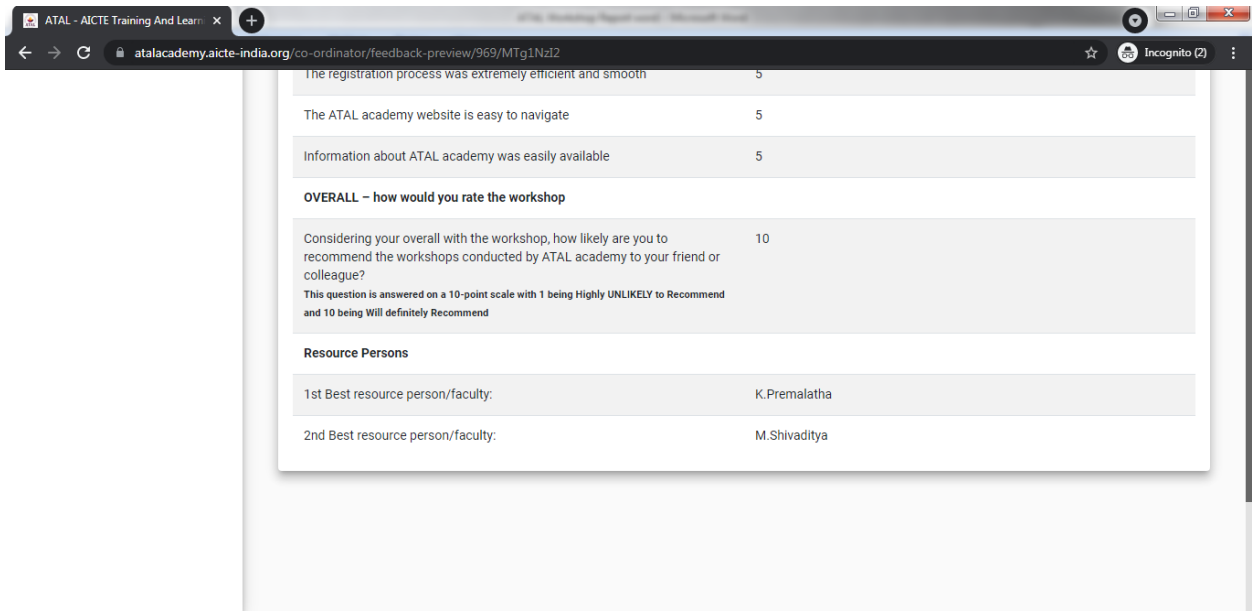
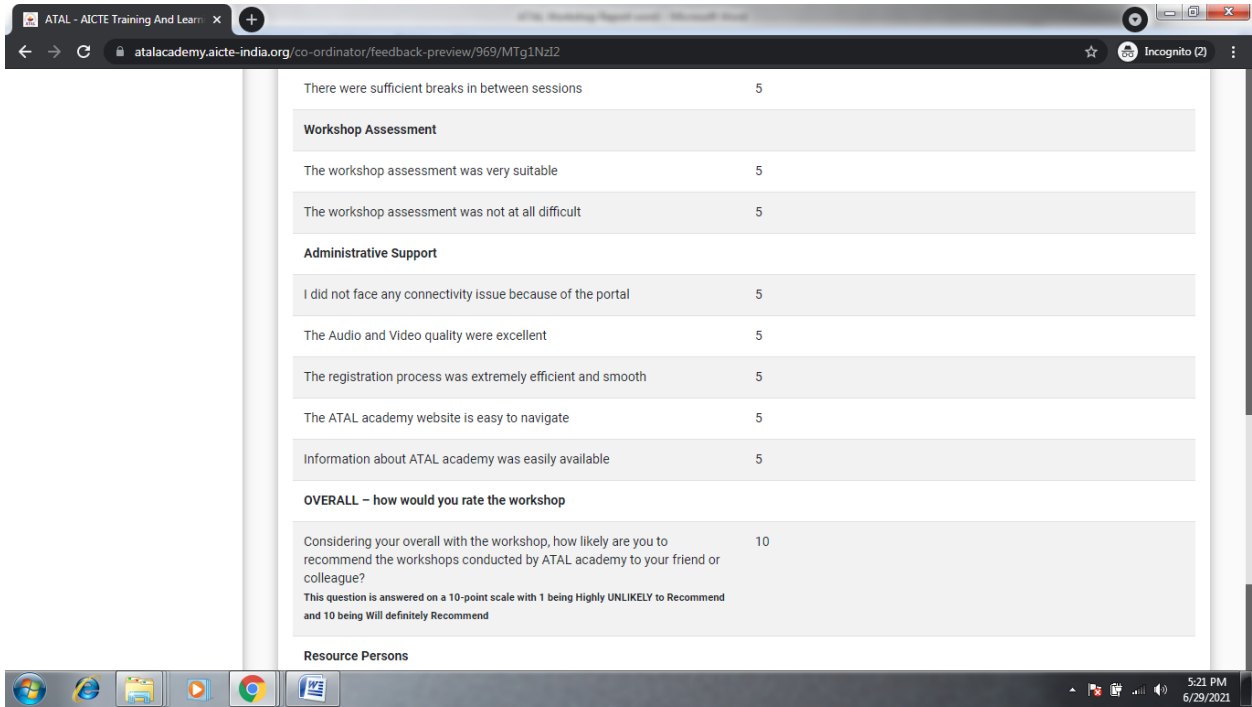
About Trainers and Teaching

- The trainers had very strong expertise in the area 5
- The trainers had excellent communication skills 5
- All the trainers made the workshop very interesting 5
- The trainers were very well prepared for the workshop 5

About the Workshop

- The workshop timings were very convenient 5
- The pedagogy used in the workshop was very appropriate 5


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Feedback 4:

The screenshot shows a web browser window with the URL `atalacademy.aicte-india.org/co-ordinator/feedback-preview/969/MTASODY`. The page title is "Feedback Details". On the left, there is a sidebar with a user profile for a Co-ordinator (arivu000@gmail.com) and a menu with options like Submitted Applications, Edit Resource Person, Profile, Workshops, Applied Participants, Approved Participants, Test Marks, and Feedbacks. The main content area displays the following details:

Thrust Area :	Engineering
Sub-thrust Area :	Environmental Geotechnolgy
FDP Title :	TRAILBLAZING PRACTICES IN GEOTECHNICAL ENGINEERING
Workshop held at (Institute/Organisation Name) :	MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
From:	2021-06-07
To :	2021-06-11
Course Code:	1614410893

Ratings have been provided on a 5-point scale.

1. You strongly disagree with the statement
2. You disagree with the statement
3. You neither agree nor disagree with the statement

The screenshot shows the continuation of the feedback form. It lists the following statements and ratings:

3. You neither agree nor disagree with the statement
4. You agree with the statement
5. You strongly agree with the statement

About the Content of the Workshop

The workshop content was relevant for me	5
The content of the workshop was very comprehensive	5
The content of the workshop was not repeated	4
The OVERALL content of the work was excellent	5

About Trainers and Teaching

The trainers had very strong expertise in the area	5
The trainers had excellent communication skills	5
All the trainers made the workshop very interesting	5
The trainers were very well prepared for the workshop	5

About the Workshop

The workshop timings were very convenient	5
---	---


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atalacademy.aicte-india.org/co-ordinator/feedback-preview/969/MTASODY

The pedagogy used in the workshop was very appropriate 5

There were sufficient breaks in between sessions 5

Workshop Assessment

The workshop assessment was very suitable 4

The workshop assessment was not at all difficult 4

Administrative Support

I did not face any connectivity issue because of the portal 5

The Audio and Video quality were excellent 5

The registration process was extremely efficient and smooth 5

The ATAL academy website is easy to navigate 5

Information about ATAL academy was easily available 5

OVERALL – how would you rate the workshop

Considering your overall with the workshop, how likely are you to recommend the workshops conducted by ATAL academy to your friend or colleague? 10

This question is answered on a 10-point scale with 1 being Highly UNLIKELY to Recommend and 10 being Will definitely Recommend

5:24 PM 6/29/2021

ATAL - AICTE Training And Learn

atalacademy.aicte-india.org/co-ordinator/feedback-preview/969/MTASODY

The registration process was extremely efficient and smooth 5

The ATAL academy website is easy to navigate 5

Information about ATAL academy was easily available 5

OVERALL – how would you rate the workshop

Considering your overall with the workshop, how likely are you to recommend the workshops conducted by ATAL academy to your friend or colleague? 10

This question is answered on a 10-point scale with 1 being Highly UNLIKELY to Recommend and 10 being Will definitely Recommend

Resource Persons

1st Best resource person/faculty: R.Arivazhagan

2nd Best resource person/faculty: PAsha

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5:25 PM 6/29/2021



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31. Links for the FDP

Join Zoom Meeting

<https://us02web.zoom.us/j/88114258391?pwd=R1R1azhhemt5RGFhdm81RXVldVJZQT09>

Meeting ID: 881 1425 8391

Passcode: 90Kw3b

Test link

<https://forms.gle/wrxk4mKPmB6mfddUA>

Recorded Sessions Video Link

<https://youtube.com/playlist?list=PLrb9wFjpMiOLRhIvd4queVDJ8bjSdlmzf>

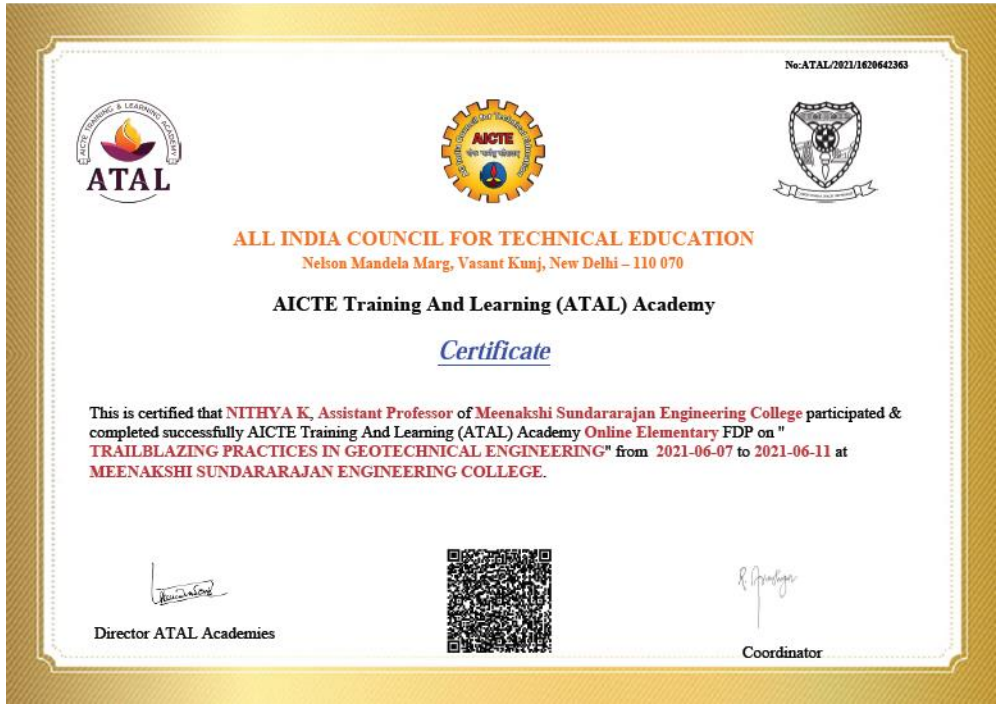
Sample Video Clips of FDP

https://drive.google.com/drive/folders/17DvaSII_vzxwUt8h-GddCMZpb3hzjcx?usp=sharing



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31. Sample ATAL-FDP certificates




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32. Conclusion

It was a great Initiative by ATAL Academy. I am thankful to AICTE for giving me this opportunity to conduct online FDP for faculty members of technical institute of India free of cost. I got huge response for registration as well as lots of compliment of arranging the online workshop.



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MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
363, Arcot Road, Kodambakkam, Chennai – 24
Approved by AICTE & Affiliated to Anna University
email Id: principal@msec.edu.in
Website : www.msec.edu.in

Mail responses for conducting OBE Program

5/28/22, 4:27 PM

Gmail - Fwd: MSEC-OBE-PROGRAM -REG



laks hmi <kalshmipsy@gmail.com>

Fwd: MSEC-OBE-PROGRAM -REG

2 messages

Siji S, HOD - Electronics & Communication Engineering - Meenakshi Sundararajan Engineering College <hod.ece@msec.edu.in> 28 May 2022 at 15:02
To: laks hmi <kalshmipsy@gmail.com>

----- Forwarded message -----

From: Siji S, HOD - Electronics & Communication Engineering - Meenakshi Sundararajan Engineering College <hod.ece@msec.edu.in>
Date: Wed, May 5, 2021 at 8:39 AM
Subject: MSEC-OBE-PROGRAM -REG
To: Sambanthan Gnana T <tgsambanthan@gmail.com>

Dear Prof

Warm Greetings from MSEC!!!!

We have discussed with our Secretary Mam Regarding the sessions. Our Secretary Mam is happy to participate in this OBE program for all the faculty members of our institution through online.(approximately 130 staff members)

We will plan the OBE program this May month end 24/5/2021 to 29/5/2021 .(6 days program) .We are eagerly waiting for this program .
Awaiting for your reply.

Thanks and Regards

Mrs Siji Raaja ,B.E.,M.Tech,MIETE
Head of the Department
Department of Electronics & Communication Engineering
Meenakshi Sundararajan Engineering College
363, Arcot Road
Kodambakkam
Chennai-600 024

--
Mrs Siji Raaja ,B.E.,M.Tech,MIETE
Head of the Department
Department of Electronics & Communication Engineering
Meenakshi Sundararajan Engineering College
363, Arcot Road
Kodambakkam
Chennai-600 024

Siji S, HOD - Electronics & Communication Engineering - Meenakshi Sundararajan Engineering College <hod.ece@msec.edu.in> 28 May 2022 at 15:02
To: laks hmi <kalshmipsy@gmail.com>

----- Forwarded message -----

From: Sambanthan Gnana T <tgsambanthan@gmail.com>
Date: Wed, May 5, 2021 at 9:49 AM
Subject: Re: MSEC-OBE-PROGRAM -REG
To: Siji S, HOD - Electronics & Communication Engineering - Meenakshi Sundararajan Engineering College <hod.ece@msec.edu.in>

<https://mail.google.com/mail/u/1/?ik=8d93b0449c&view=pt&search=all&permthid=thread-f%3A1734061938619169697&simpl=msg-f%3A1734061...> 1/2

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363, Arcot Road, Kodambakkam, Chennai – 24
Approved by AICTE & Affiliated to Anna University
email Id: principal@msec.edu.in
Website : www.msec.edu.in

INVITATION :

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
Approved by AICTE, Affiliated to Anna University & Accredited by NBA for programs applied
363, Arcot Road, Kodambakkam, Chennai - 600 024.

*Organizes Faculty Development Program on
Instructional Model for Outcome Based Education*

Speaker
Dr. T. Gnana Sambanthan
Professor(Retd.), CSE
National Institute of Technical Teachers' Training and Research, Chennai

Co-ordinators
Dr. A Babyola (Prof/ECE)
Mr. R. Vinoth Kumar (AP/ECE)


Zoom Meeting Details:
Meeting ID : 818 0479 8175
Passcode : 98vLiC

We are inviting all the staffs to join the Faculty Development Program !!

MODE: OnLine
DATE: 24/05/2021 to 29/05/2021
TIME: 9.00 AM-10.30 AM and 11.00 AM-12.30 PM

Dr. K S Babai **Mr. N Sreekanth** **Dr. P K Suresh** **Dr. K. Umarani**
SECRETARY DIRECTOR PRINCIPAL DEAN ACADEMICS

Invitation for OBE PROGRAM


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Report on “Instructional System Design for OBE through CDIO Framework”

Duration:

(1) Two weeks: If Real World Engineering examples (Authentic tasks) have to be included in CDIO context and if individual participant’s Knowledge Structure has to be validated.

(2) One week: For general comprehension of all the components of the teaching-learning processes including quick workshop practices.

(3) Three-days: Just to give an insight into the programme without workshop practices. **(4) Alternate:** Selected teacher participants can be trained with all the components at regular / flexible interval, at pre-determined dates and time.

(5) Online: Non-workshop based flexible lectures.

Total faculty trainees per batch:

(1) Offline: About 40 committed experienced and/or newly recruited teachers of E&T and Basic Sciences/English teachers of Graduate/PG programs of E&T/University of E&T, of already accredited or about to be accredited.

(2) Online: No restrictions.

Course Outline & Background:

Outcome Based Education (OBE) is a paradigm shift from traditional, teacher-led, linear system to a thematic system. The new National Education Policy (NEP 2020) insists for autonomous, learner-centric & holistic instructional approaches in-line with OBE. The teaching-learning practices of OBE is not linear, but reclaiming and developmental. The curriculum of OBE is dynamic, with changing learning goals of a specific institution’s vision/missions/objectives which would be different, although that particular E&T course might have the same title in some other institution. Hence OBE leads to a top-down approach; and most of the instructions are learning-outcomes based, thus cannot be objective specific but objective driven, that starts with real world engineering tasks. Consequently, the institution must tie-up itself with industries that are strategically aligned with its vision/mission and Program Outcome statements (POs). As OBE is a philosophy/theory for any area, specific framework has not been suggested, and hence “Conceive, Design, Implement and Operate (CDIO)” framework (Standards and path for engineering education in-line with Industries, [developed by MIT, USA] is adopted. OBE is quality conscious and highly flexible, which demands for Competency Based Credit System. OBE adapts continuous formative assessments and 3rd components which are different from examination focused serialistic system; thus, demands for automated Virtual



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Learning Environment or adaptation of any Web based Learning Management System. AICTE's mandatory 8 modules of teacher training pedagogy spell out all the above views. In the above background, this proposed course on "Instructional System Design for OBE through CDIO Framework" aims in elaborating all these aspects in-depth through a workshop-oriented approach, and thus an important course for teachers of any discipline of E&T.

Resource person: Dr.T.G.Sambanthan, Professor/EDP Manager (Retd.), Dept. of CSE, NITTTTR, Chennai. Email: tgsambanthan@gmail.com Ph: 09444321697 / 044-24430674 (Res.) and Selective teacher / research scholars for workshop practices, if needed.


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One week model course time table: 1 BS = Block Schedule of 1 ½ hrs.

Date	Session I	Session II	Session III	Session IV
Day 1	Registration Programme  Review and training strategy (1 BS)	LEARNER CHARACTERISTICS (Part I) SRCPW: Identify OBE components from “Problem Students (PS)” (1 ½ BS)	LEARNER CHARACTERISTICS (Part II) SRCPW: Develop Institutional Components for PS (1 ½ BS)	
Day 2	INSTITUTIONAL CHARACTERISTICS (Part I) SRCPW: Get ready as facilitators for OBE Critically analyze OBE with traditional methods and prepare strategies (2 BS)		INSTITUTIONAL CHARACTERISTICS (Part II) SRCPW: Develop Institutional Components with Characteristics (2 BS)	
Day 3	INSTRUCTIONAL CHARACTERISTICS (Part I) SRCPW: Prepare Knowledge Structures as documents of episodes for delivery (2 BS)	INSTRUCTIONAL CHARACTERISTICS (Part II) SRCPW: Prepare Authentic tasks by infusing Student Learning Outcomes (2 BS)		
Day 4	Curriculum Mapping & Aligning as per OBE SRCPW: Design & Analyze Curriculum Maps. Study Institute’s readiness for accreditation (2 BS)	Continuous Alternative Learning Assessment techniques as per OBE practices SRCPW: Design & develop continuous formative & summative evaluation instruments as per OBE practices (2 BS)		
Day 5	Peer-peer & Group Formative Assessments and CO/PO assessment practices SRCPW: Design & develop continuous formative assessments using Rubrics & Evaluate COs/POs (2 BS)		Performance appraising as per OBE practices SRCPW: Design Appraisal Instrument (1 BS)	


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SCREENSHOTS:

The slide titled "Engineering Practice vs Engineering Science?" discusses the gap between engineering education and industry needs. It notes that engineering education towards the end of the 20th century was not engineering practice. A key issue is that technically adept engineering graduates are not competent to face real-world engineering situations. This led to the formation of accords (end of 20th century) with the quote: "Graduates must be immediately productive in their first job". A rethought approach led to the birth of Exit Outcomes, International Engineering Alliance (2015). The slide concludes with the question "How to design the route?" and a quote from ABET: "Industries and ABET have identified the destination for PEs; it is up to educators to plan the route".

The slide titled "Outcome Based Education" illustrates the relationship between OBE, Educational Psychology, and CDIO. Educational Psychology includes learner-centered, broad goals, mastery teaching, flexibility, and thematic design. These lead to the Washington Accord/ABET, the destination. CDIO is the framework for E&T practice, the route, with specific standards and compulsory learning outcomes. The slide asks "How to define Quality?".


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SCREENSHOTS:

The screenshot shows a Zoom meeting interface. The main content is a slide with a mind map diagram. The central node is 'LEARNER'. Branches include: 'SLO, CO, PO, PEQ Mapping', 'Students' Assessments', 'Constituent's Feedbacks', 'Administration', 'Placement', 'Teaching-Learning SLOs', and 'Charge & Programme Design'. Text on the slide includes: 'Meta cognitive domain (awareness of one's own learning)- Philosophy of OBE / fundamental requirement of CDIO; not replicated in traditional E&T instructions / unknown to today's teachers of E&T !!', 'What is the "BEST PRACTICE" for the learners to develop? Determine through Research!', and 'Unlike TLE, if any component is changed/altered/modified, the central theme is affected!'. A list of participants is visible on the right.

The screenshot shows a Zoom meeting interface. The main content is a slide titled 'How to Structure & Reverse Engineer Within Laboratories CORE BASIS (CB)'. The slide is divided into two main sections: 'Within Laboratories' and 'From those Laboratories'. 'Within Laboratories' lists 'Already evolved Scientific theories/philosophies' such as Newton's Laws of motion, Aerodynamic theories, Electro-magnetism, Chemical properties, Material properties, Mathematical formulae, and Axioms/Microbiology. 'From those Laboratories' lists 'Established Scientific theories used by "CORE BASIS"', transformed as principles for E & T, such as Standards, Protocols, Rules, Bylaws, and Analogies. A note states: '[Mostly "FACTUAL"] E&T should accept it and need not understand it'. A blue arrow points from the 'Within Laboratories' section to the 'From those Laboratories' section, labeled 'Transformed into'. Another blue arrow points from the 'From those Laboratories' section back to the 'Within Laboratories' section, labeled 'For Non-E&T Pure Science'. A lightning bolt icon is next to the text 'Engineering Mathematics is a creative and exciting discipline'. At the bottom, it says 'Engineers are not supposed to define a law! Only great scientists can! But an engineer needs to design an engineering component economically, satisfying environmental standards and bearing ethics in his mind. He should be able to deal with social engineering problems – ABET. Ref. <http://www.abet.org/about-abet/history/>'. A list of participants is visible on the right.

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Certificate of Participation

This is to certify that A Joseph Sathiadhas Esra
Of Meenakshi Sundararajan Engineering College
has participated in a FDP on “Instructional Model for Outcome Based Education” organized by
Department of Electronics and Communication Engineering from 24-05-2021 to 29-05-2021


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Secretary


Dr. P. K. Suresh
Principal


Dr. T. Gnana Sambanthan
Professor (Retd.), CSE
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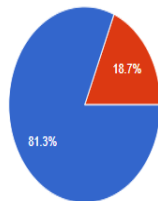

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FEEDBACK:

How helpful was the FDP to you?

107 responses



- Extremely Helpful
- Very Helpful
- Somewhat Helpful
- Not so Helpful

Were the objective of the FDP realised?

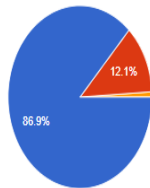
107 responses



- Yes
- No

Presentation Skills of Resource Person

107 responses

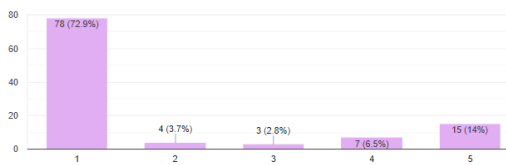



- Excellent
- Very good
- Good
- Fair

Overall how would you rate the FDP

107 responses

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**INTERNATIONAL CONFERENCE
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MAY 8TH 2021 - SATURDAY

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INSTRUCTIONS FOR PARTICIPANTS
 UG and PG Students, Research Scholars, Engineers / Technicians from Government Organization, Industry (Bureaucrats / Technicians / Participants from industry etc.) and staff of host institutions are eligible to participate.
 To encourage and motivate the young Engineering students, we make **free registration** to present a paper in this conference. E-Certificates will be provided for all the active participants.
 Authors are requested to send the soft copy of the technical paper in IEEE double column format not exceeding 6 pages in the paper submission link.

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ABOUT THE COLLEGE
 Meenakshi Sundararajan Engineering College was established in 2001 by the Indian Institute of Technology and founded by late Prof.K.R.Sundararajan with a vision of making it a centre of excellence in the field of engineering. The institute offers U.G programmes in Civil, CSE, ECE, EE, Mechanical & IT and a P.G programme in Construction Engineering and Management. The institute imparts knowledge and skills with excellent learning facilities for practical training to the youth. The college has signed MOUs with research organizations and industries to promote constant interaction in the areas of technology development, student training, curriculum and establishing state-of-art-centres of excellence. Encouraging and inculcating the spirit of innovation is the hallmark of the institution.

ABOUT THE DEPARTMENT
 The Department of Civil Engineering, accredited by NBA, was started in the year 2002. The Department with an ICI students' chapter has a distinct association with PWD, Highways Department, T.W.A.D, SERC, C.M.R.L, U.R.C, Kesthana Infrastructures, Chennai Port Trust, Metro Water, L&T, Ultracon Structural Systems and Langdoneseah. The department regularly conducts national & international seminars, conferences, workshops, FDPs to keep the faculty and students updated on the trends and latest research areas in the field of Civil Engineering. Ever since its inception, the department has been providing induction and orientation on the opportunities available in various PSUs. This has paid rich dividends as many alumni have been well placed in prestigious PSUs. A number of our brilliant students have successfully completed their research in IITs and in Universities abroad while a good number are exemplary entrepreneurs.

ABOUT THE CONFERENCE
 India is one of the fast growing economies in the world which has many challenging ongoing and completed infrastructure projects across the country. One of the most important aspect of any urban infrastructure project is Geotechnical Investigation, which has gathered importance and emphasis problem in the last few decades. Over the years, many new methods and trends were being developed academically and practiced in terms of analysis, design and construction associated to site investigations. In this view, an "International Conference on Emerging Trends and Adaptation in Geotechnical Engineering" (ICETAGE 2021) is organized under the auspices of the Department of Civil Engineering, MSEC, which includes many different disciplines such as: Trends in Site Investigation; New Techniques in Laboratory Testing, Analysis and Design, Ground Improvement, Geo-Environmental Applications, Utilization of Waste by Products and Contribution of Geo-technical engineering in Solid Waste Management, Trends in Prediction of Soil Behavior, Dealing with Underground Structures, Offshore Geotechnical Structures, Earthquake Engineering problems and Designs and Construction Methods Under Challenging Situations etc., in various countries and difficult geological locations around the world in terms of infrastructure and hydro projects, in which the application of these new trends with amalgamation of classical soil mechanics principles is vital.
 There is a need for students, academicians and practicing professionals to stay updated about the emerging trends in various geotechnical areas. This conference presents some of the emerging trends in the geotechnical engineering practice and research activities.

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KEY DATES

Description	Deadline
Due Date for Abstract Submission	17-04-2021
Intimation of Accepted Abstract	19-04-2021
Due Date for Full Paper Submission	28-04-2021
Intimation of Paper Acceptance	29-04-2021
Submission of Camera Ready Paper	03-05-2021
Last Date for Conference Registration	06-05-2021
Date of Conference	08-05-2021

The sub-themes under the core theme of the conference are as follows:

- Soil Behavior and Characterization of Geomaterials
- Geotechnical, Geological and Geophysical Investigation
- Foundation Engineering
- Ground Improvement Techniques
- Geo-environmental Engineering
- Soil Dynamics and Earthquake Geotechnical Engineering
- Earth Retaining Structures, Dams and Embankments
- Slope Stability and Landslides
- Transportation Geotechnics
- Geosynthetic Applications
- Computational, Analytical and Numerical Modelling
- Rock Engineering, Tunneling, Deep Excavations and Underground Constructions
- Forensic Geotechnical Engineering and Case Studies
- Others: Behaviour of Unsaturated Soils, Offshore & Marine Geotechnics, Remote Sensing & GIS, Instrumentation & Monitoring, Retrofitting of Geotechnical Structures,
- Reliability in Geotechnical Engineering, Geotechnical Education, Codes & Standards, & any other relevant topic

* UG students can also send a paper in the title of
 'Recent Trends in Civil Engineering'

WITH COMPLIMENTS FROM

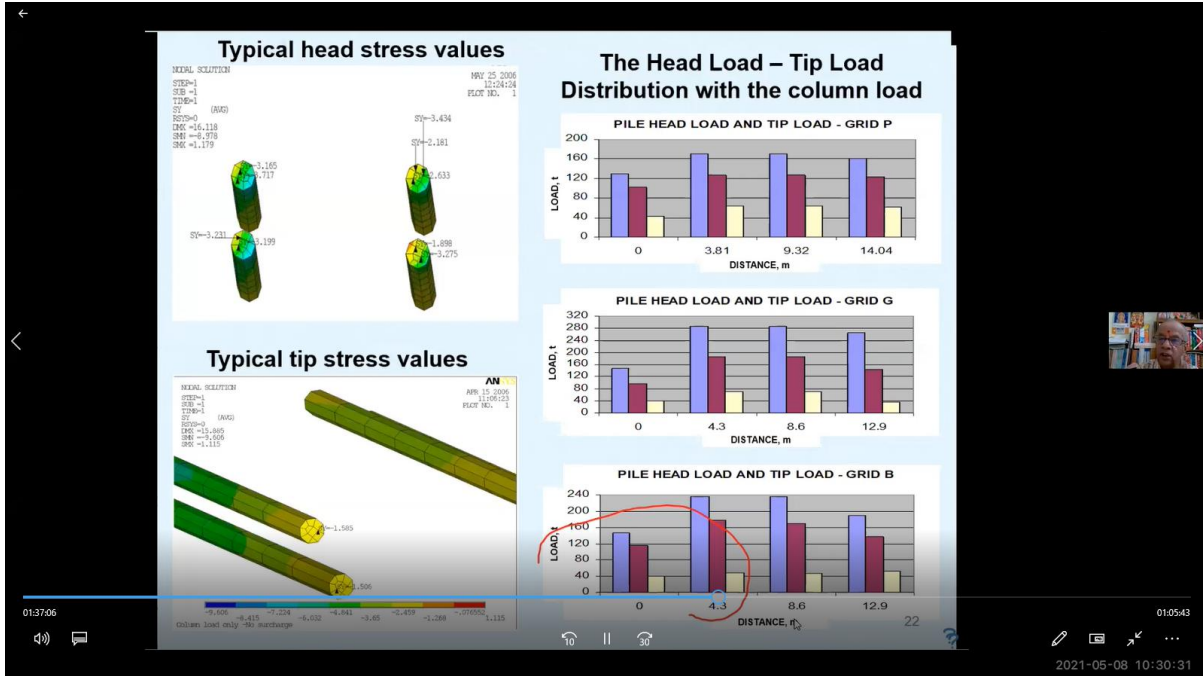
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Photo Gallery



Methods of Tunneling – Bored method using TBM (present study)

Bored tunnel - The bored construction method for tunnels involves digging a tube-like passage through the earth. This usually refers to mountain tunneling, however it has also been used for tunneling under bodies of water and for underground urban transportation.

Basic two forms are

1. Earth Pressure Balance method
2. Slurry Shield Method

02:06:09
03:36:40
2021-05-08 10:59:35

Author: Dr.K.Premalatha & K.Raja (2020)


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METHODOLOGY

The load settlement has been analyzed for the three different density state of Silty Sand soil such as loose, medium dense and dense state at density of 1.5, 1.6, 1.7 g/cc respectively. The geogrid has placed at the different level to analyze the effect of depth parameter for the following categories.

- Load Settlement on soil without geogrid.
- Load settlement on soil with geogrid placed at top of the soil surface
- Load settlement on soil with Geogrid placed at 5 cm be from the top of the soil surface
- Load Settlement on soil with Geogrid placed at 5 cm,10 cm from the top of the soil surface
- Load settlement on soil with geogrid placed at 5 cm,10 cm,15 cm from the top of the soil surface

ICETAGE-05 - Ground Improvement Techniques

Fig.2 Spatial variation of groundwater depth in 1974


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**INTERNATIONAL CONFERENCE ON ADVANCEMENTS & RECENT TRENDS
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<p>ADDRESS FOR COMMUNICATION: Organizing Secretary, ICARTEC - 2021 Department of E.C.E Meenakshi Sundararajan Engineering College 363, Arcot Road, Kodambakkam, Chennai - 600 024, India 📞 9444566391, 9486083133 ✉️ icartec2021@gmail.com 🌐 www.icartec2021.com</p>		



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ABOUT THE CONFERENCE:

The aim of the conference is to help connect the dots that needs to be connected. The world appears increasingly complex, and to grab and develop the opportunities ahead we need a wider perspective. This conference provides an opportunity for students, experts from institutions and industries to discuss and share their experiences in the emerging recent trends of Electronics & Communication. This event is a forum to put forth various innovative research ideas of various domains in the Electronics and Communication field.

ABOUT THE INSTITUTION:

Meenakshi Sundararajan Engineering College (MSEC) is a part of the prestigious KRS Group of Institutions which also includes the renowned IET (Indian Institute of Engineering Technology) established in 1947 by our Founder Late Shri K.R.Sundararajan. The college was established in July 2001 by the dedicated efforts of Dr.K.S.Lakshmi and Dr.K.S.Babai, the illustrious daughters of our founder Shri K.R.Sundararajan. The management strives constantly to be a Centre Of Excellence that imparts education to students, grooming their overall personality face the challenges of the industry and the nation at large.

ABOUT THE DEPARTMENT:

The Department of Electronics and Communication Engineering was started in the year 2001 with the inception of the College. This twenty-year-old department shares the mission and vision of the Institute in imparting quality education to the students. The department has been efficacious in offering its students the opportunity to work on diverse platforms with eight well equipped laboratories with the latest hardware and software facilities sufficient to quench the thirst of budding engineers. Our alumni have brought laurels to the Institution by securing 35 university ranks so far. This conference on 7 May 2021, being the 2nd international Conference the department has also conducted an International Conference on VLSI and Communication Systems (ICVLSI COM-10) in 2010 and various technical seminars, guest lectures and industrial visits every year to further enhance the students' knowledge.



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Original contributions of on-going research & published research works/ surveys are expected. Authors are requested to submit a soft copy of full length research paper for presentation in the following format:

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*IEEE double column, A4 four pages.
All papers have to be sent by mail.*

FONT TYPE:

Times New Roman, Font size-10

PAPER TITLE:

Center and bold, Font size-14.

TOPICS OF INTEREST:

The topics of interest include, but are not limited to the following research areas:

- VLSI & Embedded Systems
- Signal & Image Processing
- Wireless communications & Networks
- Nanotechnology
- Network & Information Security
- Robotics
- Biomedical Instrumentation & Telemedicine
- Internet of Things(IoT)

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Website : www.msec.edu.in

REPORT

On 11th July 2021, the Department of Electronics and Communication organised INTERNATIONAL CONFERENCE ON ADVANCEMENTS & RECENT TRENDS ON ELECTRONICS & COMMUNICATIONS. The day was divided into two sessions. The forenoon session was handled by Dr Sureswaran Ramadass, Prof Emeritus, Internet Engineering, Malaysia University of Science and technology as the keynote speaker. In the afternoon session, Dr A.Babiyola, Professor, ECE department gave the welcome address and Mr Vinoth Kumar, Assistant Professor, ECE introduced the keynote speaker, Dr P A Vijaya, professor and head of department ECE, B.N.M Institute of Technology, Bangaluru.

She delivered a presentation on the topic “Machine Learning and Deep Learning Techniques Applied for COVID-19 Data”. Initially, she gave us an insight into what is a digital image, the importance of histogram equalization in Image processing. It was followed by the electrogram spectrum, where she spoke on the harmfulness of the CT scan. She also stated how Hyperspectral image is used for covid detection. Later she also explained machine learning algorithms such as Supervised Learning, Unsupervised, etc. She cited real-life examples which gave a clear cut on the working of the algorithm and stated how it is used for the detection of COVID-19.

The session was concluded by a Question and answer session followed by a Technical presentation.

On the whole, the day gave us an opportunity to learn something beyond books and inspired us to research more.

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SCREENSHOTS

The top screenshot shows a Zoom meeting in progress. The main window displays a presentation slide titled "Machine Learning and Deep Learning Techniques Applied for COVID-19 Data" by Dr. P. A. Vijaya, Professor and Head, Dept of ECE at BNM Institute of Technology, Bangalore, Karnataka State. The slide also mentions an International Conference on "Advancements and Recent Trends on Electronics & Communications" held on 11th June 2021 at Meenakshi Sundararajan Engineering College, Kodambakkam, Chennai. A vertical sidebar on the right shows a list of participants, including ECE JANANI S M, ECE VINOTH KUMAR AP, Dr. P A VIJAYA, BNMIT, ..., and jyotshna jha. The bottom screenshot shows a gallery view of the meeting participants, with Dr. P. A. Vijaya's video feed highlighted in a yellow border.


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CERTIFICATE



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**INTERNATIONAL CONFERENCE ON ADVANCEMENTS & RECENT TRENDS
ON ELECTRONICS & COMMUNICATION**

Certificate Of Appreciation

ICARTEC-2021

This is to certify that Prof.\Dr.\Mr.\Ms.\Mrs. Vinoth Kumar. C
of Sri Sivasubramaniya Nadar College of Engineering, Chennai has presented a paper
titled Analysis of Reversible Watermarking Techniques and Asymmetric Cryptosystem using DIEC
In the International Conference on Advancements & Recent Trends on Electronics & Communication (ICARTEC-2021)
Organised by the Department of Electronics and Communication Engineering , Meenakshi Sundararajan Engineering
College , Chennai on 10th June , 2021.





Ms.Siji Sivanandan
HOD-ECE



Dr.P.K.Suresh
Principal



Dr.K.S.Babai
Secretary


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PROFESSIONAL DEVELOPMENT/ADMINISTRATIVE TRAINING PROGRAM 2019-2020

INDEX

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3	Development of E-Content	12-16
4	one day workshop on yoga	17-21
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FDP ON RESEARCH COMMUNICATIONS

ACADEMIC YEAR 2019-20

A FDP was organized by the department of CSE and IT on the topic of SERVERS AND DATA CENTERS for the faculties of all departments in MSEC on 8th and 9th July 2019 by Dr. ASAI AAITHAMBI., Ph.D. of FLORIDA UNIVERSITY. The FDP was conducted in PROF. KRS. CENTENARY SEMINAR HALL with Prayers followed by the Introduction about the resource person and the detailed overview of FDP.

Objective:

As a result of the FDP, attendees will come to

- know more than before about how to communicate effectively about their research
- Be motivated to continue developing their research communication skills
- Be more confident about their ability to communicate effectively about their research
- Be more aware of resources that can help in research communication
- Be motivated to help others learn more about research communication

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Invitation:



**Meenakshi Sundararajan Engineering
College**

(Managed by I.I.E.T Society)

**363, Arcot Road, Kodambakkam,
Chennai – 24**

**Cordially invites you to the
FDP on Research Communication
on 8th and 9th July 2019**

PROF.KRS.CENTENARY SEMINAR HALL

In the presence of

**Dr.K.S. BABAI
SECRETARY**

Dr. ASAI AATHAMBI., Ph.D.

FLORIDA UNIVERSITY

will be the resource person

**Dr. SURESH P
Principal, Felicitates**

**Dr.K. UMARANI
Dean Academics
Welcomes the Gathering**

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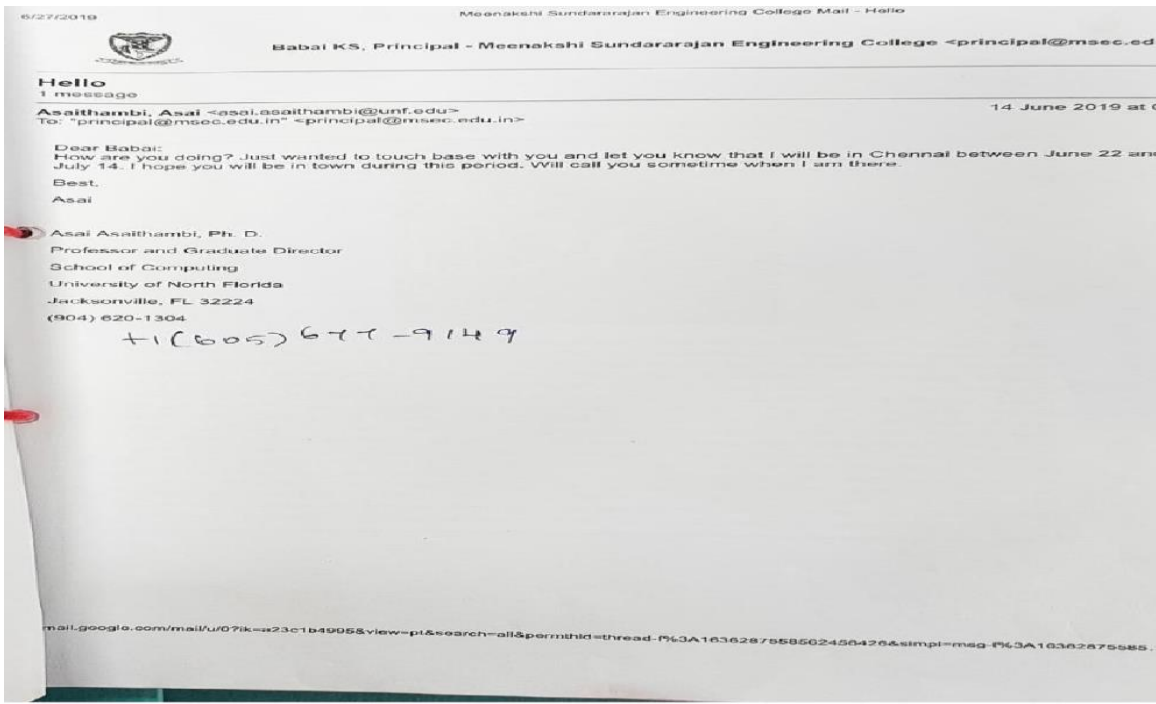
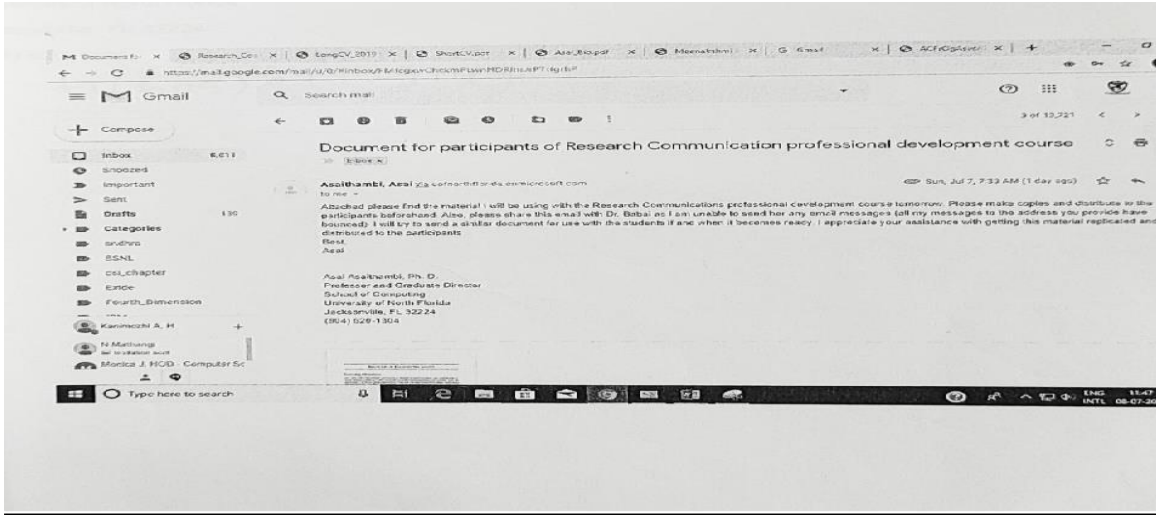
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Mail Conversation:




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Report:

The speaker highlighted the importance of Plagiarism, and how to safeguard from the false information on google and search relevant information. He elaborated in a lot detail about the topic “ Latex” is typesetting system to create a document. It is a free software available both online as well as offline. He said that “it may seem a little bit difficult to learn and use, but after practicing, you will find it quite easy and effective. ‘Then he discussed how to prepare a document with sections, subsections, sub subsections, paragraph, title, author, figures, equations, lists, tables and references. Then the session continued with n, i10- index and h-index, Google scholar, the issue of Intellectual Property, Copyright and Patent.



*Photograph taken on 8.07.2019

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Attendance:

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
Faculty Development Programme on Research Communication
Organized by
DEPARTMENT OF CSE & IT
8th and 9th July 2019

S. No.	Name of the Faculty	Department	Signature
1.	C. Jeyidhababha	CSE	
2.	P. SARANYA	CIVIL	
3.	R. Gowri	CIVIL	
4.	N. RAJIKUMAR	CIVIL	
5.	BARATH RAJ. S	CIVIL	
6.	SARAVANAN. S	CIVIL	
7.	M.R. NITHYA	CSE	
8.	M. Sunithra	CSE	
9.	P. JAYAGANESH	Mech	
10.	Sreelha. K	Mech	
11.	S. B. Sivarajkumar	EIE	
12.	D. SURESHKANTH	Mech	
13.	Dr. S. S. S. S. S. S.	Mech	
14.	K. P. S. S. S.	IT	
15.	VANATHI. T	EEE	
16.	H. Malik Ansi	IT	


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Feedback form:

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FACULTY DEVELOPMENT PROGRAM
Jointly Organized by
Department of Information Technology & Department of Computer Science and Engineering

FEEDBACK FORM

Date: 8-7-19 & 9-7-19
Dept: CSE

Name of participant: C- Jeyin Mahesha
Title: "Research Communications"

Your feedback is important for planning future programming. Thank you.

4 = Excellent 3 = Very Good 2 = Good 1 = Fair

Circle your response

1. The FDP met my expectations. 4 (3) 2 1
2. The content was helpful and was on par with current trends. (4) 3 2 1
3. The speaker had a good understanding of the topics. (4) 3 2 1
4. The instructors encouraged interaction and were helpful (4) 3 2 1
5. Will you implement the learning from the program in your regular teaching and research work. (4) 3 2 1


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LECTURE ON IT SKILLS-INVITATION

**Administrative
Training program
for
Non-Teaching Staffs**

**Lecture on IT skills
for
Non-Teaching**

BY: R Gayathri.

DATE : 17/07/2019

**Venue : Meenakshi Sundararajan
Engineering College.
IT Seminar Hall**



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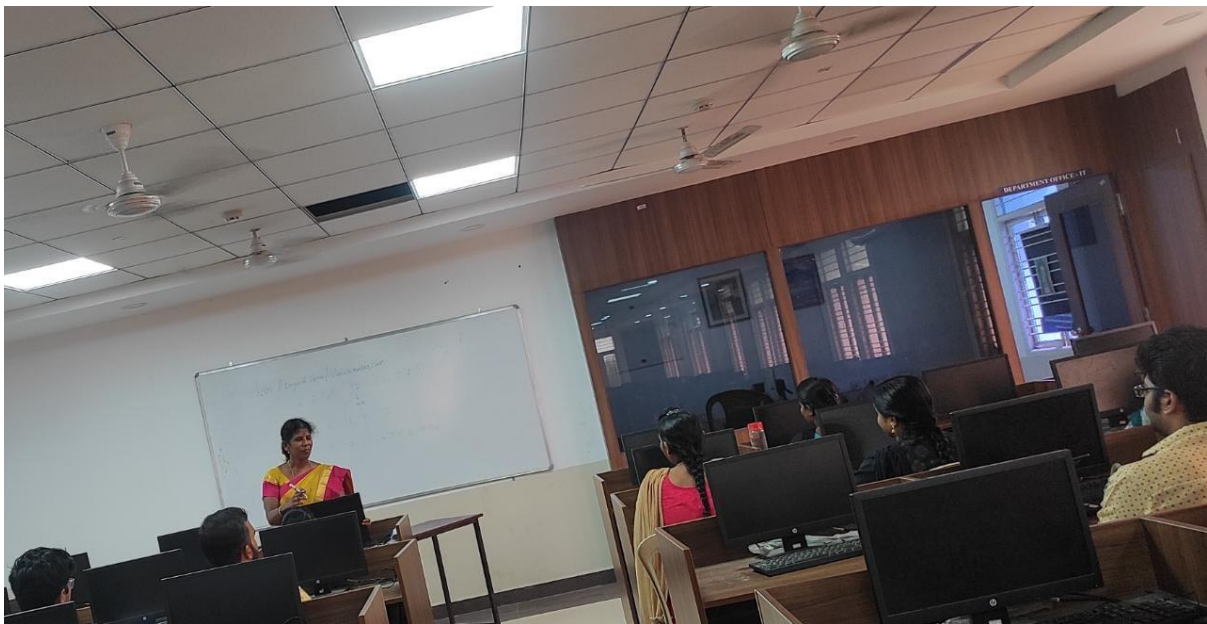
REPORT

Topic: LECTURE ON IT SKILLS FOR NON TEACHING
Inaugurated on: 17.07.2019

Chief Guest: R.GAYATHRI

IT /MSEC

Administrative training program on IT skills was conducted with the principal aim of making the skills of the faculties stronger in using those tools. Nowadays, knowing recent softwares and other MS office tools is a basic requirement as it helps in making their work much better. It reduces the complexity of the work done by them.



Photograph taken at 17.07.2019


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CIRCULAR

Administrative training program on lecture on IT skills for non teaching on 17.07.2019 by **R.GAYATHRI/IT** for non teaching staffs of Meenakshi Sundararajan Engineering college. In this all faculties are invited to attend without fail.

Venue: IT SEMINAR HALL
Time: 10.00 am

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Principal



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ATTENDANCE

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
Administrative Training Program for Non Teaching Staffs
Lecture on IT skills for non-teaching

DATE: 17.07.2019

ATTENDANCE		
S.NO	NAME	SIGNATURE
1	Mr.T.R.Sundaram	
2	Mrs.V.Ramadevi	
3	Mrs.P.Vatchala Devi	
4	Mrs.V.Kanchana	
5	Mrs.N.Lalitha	
6	Mr.E.Selvakumar	
7	Mrs.Vaidehi Sridhar	
8	Mr.Sureshkumar	
9	Mr.E.Rajkumar	
10	Mr.P.Sivaraja	
11	Ms.Indhumathi	
12	Mr.C.S.Raju	
13	Mrs.K.Leelavathi	
14	Ms.M.Leemaplaris	
15	Mr.P.Vijayan	
16	Ms.Annamayil	
17	Mr.C.Sampath	
18	Mr.M.Sagayam	
19	Mr.M.Maria Francis	
20	Mr.M.Jayaraman	
21	Mr.C.H.Devadass	



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FDP ON DEVELOPMENT OF E-CONTENT

ACADEMIC YEAR 2019-20

A FDP was organized by MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE on the topic of **DEVELOPMENT OF E-CONTENT** for the faculties in the college on 16th december 2019 by **Dr.G.Janardhanan, Associate Professor and Head., Center for Environment Management NITTR..** The FDP was conducted in **PROF.KRS.CENTENARY SEMINAR HALL** with Prayers followed by the Introduction about the resource person and the detailed overview of FDP.

Objective:

This FDP on E-content development provides a platform to learn the tools and techniques needed for the design and development of digital resources for teaching and learning. It aims to provide the knowledge and skills needed for teachers to cater to the present day learners and their learning styles.

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CIRCULAR

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--	---

CIRCULAR

MSEC/2019/ **DATE: 10/12/2019**

Faculty development program on “Development of E-content” (latest method of teaching and relate content to context). on 16th Dec 2019 by Dr. G.Janardhanan, Associate Professor and Head i.c Centre for Envrioment Management, NITTR for faculties of Meenakshi Sundararajan Engineering college. In this all faculties are invited to attend the FDP without fail.

Venue: Prof. KRS Centenary Hall – Main Block
Time: 2.00 pm

COORDINATOR

SECRETARY

Copy To

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2. Department File

Civil -
CSE -
ECE -
EEE -
IT -
MECH -

15/12/19

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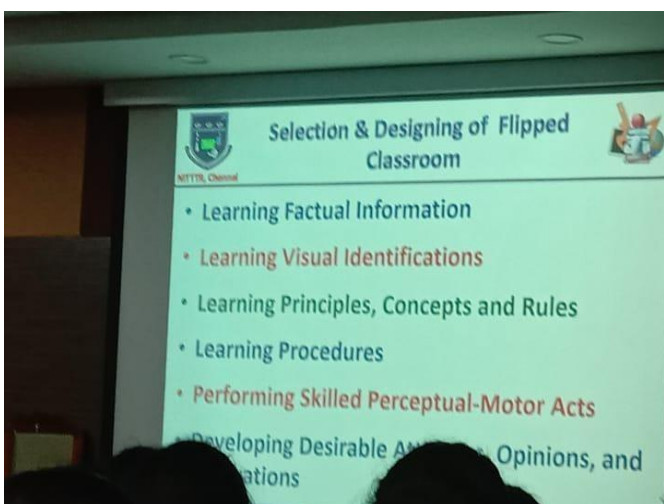
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Website : www.msec.edu.in

Report:

In the present scenario, the education system has witnessed a paradigm shift from physical classroom to e-classroom. But for the teachers, who have been used to face-to-face classrooms, it was felt necessary to educate about conducting online classes. To motivate and to make the teachers use technology in their teaching, Meenakshi Sundararajan Engineering organised a one-day FDP on E- content development tools for their teachers. Dr.G.Janardhanan, Associate Professor and Head., Center for Environment Management NITTR was the resource person. He explained step by step the ways to implement Learning Management System in our curriculum. Our teachers were taught to use the available e-resources like Google classroom, Zoom meeting, Google meeting, Webex, etc to teach the students and to give them quizzes or assignments in Google forms and worksheets.



Photograph taken on 16.12.2019



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Attendance:

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
DEPARTMENT OF INFORMATION TECHNOLOGY
FACULTY DEVELOPMENT PROGRAM
ON
DEVELOPMENT OF E-CONTENT
ATTENDANCE SHEET DATE: 16-12-19

SNO.	NAME OF THE FACULTY	DESIGNATION	SIGNATURE
1	A.KANIMOZHI	ASSOC. PROF	
2	N.MATHANGI	Assistant Professor	
3	S.Priskilla Manonmani	Assistant Professors	
4	J.Priya	Assistant Professor	
5	R. Gayathri	Asst Prof	
6	AULLA U	Asst Prof	
7	M. SARALA SHOBINI	ASST. PROF	
8	K. P. SRI RANI	Asst. Prof	
9	S. VIJAYALAKSHMI	Asst. Prof	

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Feedback form:

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FACULTY DEVELOPMENT PROGRAM
DEPARTMENT OF INFORMATION TECHNOLOGY

FEEDBACK FORM

Date: 16-12-19

Name of participant: A.KANIMOTHU Dept: IT

Title: "Development of E-Content"

Your feedback is important for planning future programming. Thank you.

4 = Excellent 3 = Very Good 2 = Good 1 = Fair

Circle your response

1. The FDP met my expectations.	4 3 <input checked="" type="checkbox"/> 1
2. The content was helpful and was on par with current trends.	4 <input checked="" type="checkbox"/> 2 1
3. The speaker had a good understanding of the topics.	4 3 <input checked="" type="checkbox"/> 1
4. The instructors encouraged interaction and were helpful	<input checked="" type="checkbox"/> 3 2 1
5. Will you implement the learning from the program in your regular teaching and research work.	4 3 <input checked="" type="checkbox"/> 1

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Administrative training program for non teaching staffs WORKSHOP ON YOGA

INVITATION



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363, Arcot Road, Kodambakkam, Chennai - 600 024

The Management, Principal, Staff & Students
Cordially Invite You
to
one day workshop on yoga
for non teaching staff
"Yoga adds years to your life,
and life to your years"
20.12.2019 | 1:00 pm
GUEST SPEAKER
Dr.M.R.Chandrasekaran
VENUE :MEENAKSHI SUNDARARAJAN
ENGINEERING COLLEGE



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REPORT

Topic:Workshop on YOGA
Inaugurated on :20.12.2019

Chief Guest: Chandrasekaran.M.R

One day Workshop on YOGA was conducted in order to realize the importance of physical health and mental development . The session was held on 20th December 2019.This session speaks about how people can improve their health by physical excersices. This session also tells about how the staffs got enlightened about yoga This session also tells about how to be a good and patient listener. The speaker shared his experience which was very informative.





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CIRCULAR

Administrative training program workshop on Yoga on 20.12.2019 by **Chandrasekaran.M.R**

Yoga master for non teaching staffs of Meenakshi Sundararajan Engineering college. In this all faculties are invited to attend without fail.

Venue: Main block ground floor
Time: 3.00 pm

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ATTENDANCE



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MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
Administrative Training Program for Non Teaching Staffs
One Day Workshop On Yoga

DATE: 20.12.2019

S.NO	ATTENDANCE	
	NAME	SIGNATURE
1	Mr.T.R.Sundaram	Sundaram
2	Mrs.V.Ramadevi	Ramadevi
3	Mrs.P.Vatchala Devi	Vatchala Devi
4	Mrs.V.Kanchana	Kanchana
5	Mrs.N.Lalitha	Lalitha
6	Mr.E.Selvakumar	Selvakumar
7	Mrs.Vaidehi Sridhar	Vaidehi
8	Mr.Sureshkumar	Sureshkumar
9	Mr.E.Rajkumar	Rajkumar E
10	Mr.P.Sivaraja	Sivaraja P
11	Ms.Indhumathi	Indhumathi
12	Mr.C.S.Raju	Raju C.S
13	Mrs.K.Leelavathi	Leelavathi K
14	Ms.M.Leemalparis	Leemalparis
15	Mr.P.Vijayan	Vijayan
16	Ms.Annamayil	Annamayil
17	Mr.C.Sampath	Sampath
18	Mr.M.Sagayam	Sagayam
19	Mr.M.Maria Francis	Maria Francis
20	Mr.M.Jayaraman	Jayaraman
21	Mr.C.H.Devadass	Devadass C.H

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ADMINISTRATIVE TRAINING PROGRAM FOR NON TEACHING STAFFS HEALTH & HYGIENE - INVITATION

The poster features a dark purple background with white and light purple decorative elements. At the top, the title 'HEALTH & HYGIENE' is written in large, white, serif capital letters. Below the title, there are several icons: a hand with a checkmark, a hand being washed with soap, and a hand holding a spray bottle. To the left of a central globe icon is a vertical column of plus signs. To the right of the globe is a stylized illustration of a person in a white lab coat and a white face mask, holding a black clipboard. The person's right hand is extended towards the globe. Below the globe and the person, there are more plus signs. At the bottom left, there is a white box containing the name and contact information of Dr. B. Saravanakumaran. At the bottom right, there is a white box containing the venue information. The overall design is clean and professional.

HEALTH & HYGIENE

Dr. B. Saravanakumaran,
Asst.Professor,
Govt-Kilpauk Medical
College, Chennai - 10.
Phone No - 9442049074.

VENUE
Meenakshi Sundararajan
Engineering College
civil block SM lab.

DATE : 12/08/2019

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MEENAKSHI SUNDARARAJAN ENGINEERING COL
363, ARCOT ROAD, KODAMBAKKAM
CHENNAI-600 024



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

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Website : www.msec.edu.in

REPORT

Topic: Training program on health and hygiene

Inaugurated on: 12th august, 2019

Chief Guest: Dr. B.SARAVANAKUMARAN

Government kilpauk medical college, Chennai

This training program on health and hygiene was held on 12th august, 2019 for the non-teaching staffs. The program was conducted by Dr. Shivashanmugavel, who spoke about the significance of health and hygiene. This program is critical since better hygiene leads to better health, confidence and overall growth. Hygiene ensures proper cleanliness, thus protecting the health of staffs and students.



Photograph taken at 12th august 2019


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CIRCULAR

Administrative training program on Health and Hygiene on 12.08.2019 by Dr.B.SARAVANAKUMARAN,KMC for non teaching staffs of Meenakshi Sundararajan Engineering college.In this all faculties are invited to attend without fail.

Venue:Civil block SM lab
Time:01.00 pm

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ATTENDANCE

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE Administrative Training Program for Non Teaching Staffs Health and Hygiene

DATE: 12/08/2019

ATTENDANCE		
S.NO	NAME	SIGNATURE
1	M. Mary Stella	M. Mary Stella
2	alexia	alexia
3	Kala	Kala
4	Vijayarasi	D. Vijayarasi
5	F. Subramani	F. Subramani
6	Rathi	Rathi
7	vanitha	vanitha
8	Vijayalakshmi	Vijayalakshmi
9	M. Sagarani	M. Sagarani
10	Lakshmi	Lakshmi
11	Pichaimoni	Pichaimoni
12	Samant	Samant
13	Lalaya Kumari	Lalaya Kumari
14	V. Chitra Ponnappa	V. Chitra Ponnappa
15		

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HEALTH & HYGIENE-INVITATION

The poster features a dark purple background with a white sunburst at the top. The title 'HEALTH & HYGIENE' is written in large, white, serif font. Below the title are several icons: a hand with a shield, a hand being washed, and a hand holding a bottle. A central illustration shows a doctor in a white lab coat and a white face mask, holding a black clipboard. To the left of the doctor is a glowing globe with red lines connecting various points. The poster is decorated with several sets of white plus signs (+) arranged in columns and rows. At the bottom, there is a white box containing the name and contact information of the speaker, and another white box containing the date. The venue information is written in white text at the bottom right.

HEALTH & HYGIENE

Dr.B.Sarayanakumaran,
Asst-Professor,
Govt-Kilpauk Medical
College,Chennai-10.

Phone No - 9442049074.

DATE : 08/01/2020

VENUE
Meenakshi Sundararajan
Engineering College
civil block SM lab.

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REPORT

Topic: Training program on health and hygiene

Inaugurated on: 8th January, 2020

Chief Guest: Dr..B.SARAVANAKUMARAN

Government Kilpauk Medical College, Chennai

This training program on health and hygiene was held on 8th January, 2020 for the non- teaching staffs. The program was conducted by Dr. B.Saravanakumaran, who spoke about the significance of health and hygiene. This program is very essential since better hygiene leads to better health, confidence and overall growth. Hygiene ensures proper cleanliness, thus protecting the health of staffs and students.



Photograph taken at 08.01.2020

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CIRCULAR

Administrative training program on Health and Hygiene on 08.01.2020 by Dr.B.Saravanakumaran,KMC for non teaching staffs of Meenakshi Sundararajan Engineering college. In this all staffs are invited to attend without fail.

Venue:Civil block SM lab
Time:12.00 pm


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- CHENNAI-600 024

Principal



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ATTENDANCE

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
Administrative Training Program for Non Teaching Staffs
Health and Hygiene

DATE: 08/01/2020

S.NO	NAME	SIGNATURE
1	M. Mary Stella	M. Mary Stella
2	E. Raghavani	E. Raghavani
3	S. Kala	S. Kala
4	Bathi	A. Bathi
5	Vinayasi	D. Vinayasi
6	Vanitha	K. Vanitha
7	Vijayalakshmi	V. Vijayalakshmi
8	P. Anuradha	P. Anuradha
9	Ramya	R. Ramya
10	M. Sanyasi	H. Sanyasi
11	Lakshmi	L. Lakshmi
12	Udhaya Kumar	U. Udhaya Kumar
13	V. Chinna Panivelkalya	V. Chinna Panivelkalya
14		
15		

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FDP ON MICROTEACHING-INVITATION


**MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE**
363, ARCOT ROAD, KODAMBAKKAM, CHENNAI-24

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

CORDIALLY INVITE YOU TO THE
Faculty Development Program
on
MICROTEACHING

Date : 06/02/2020
Venue : KRS Centenary Hall

Time: 2.00pm - 4.00pm


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REPORT

Topic: Microteaching

Inaugurated on : 06th february 2020

Ms.Akshita Bahuguna, Founder and Director of FutureIcons acted as Resource Person. She explained about atomistic approach to micro teaching, and roles of microteaching and general teaching skills. She also spoke about strategic thinking and extended thinking which employs real teaching situation for developing skills and helps to get deeper knowledge regarding the art of teaching. This Stanford technique involved the steps of “*plan, teach, observe, re-plan, re-teach and re-observe*” and has evolved as the core component in 91% of on-campus clinical teaching development programs, with the significant reduction in the teaching complexities with respect to number of students in a class, scope of content, and timeframe.

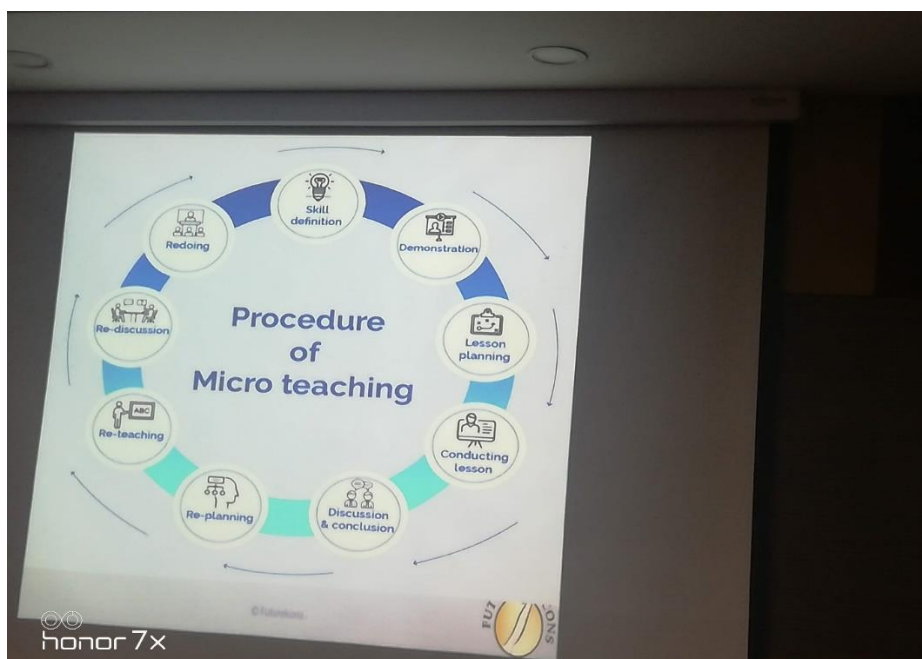
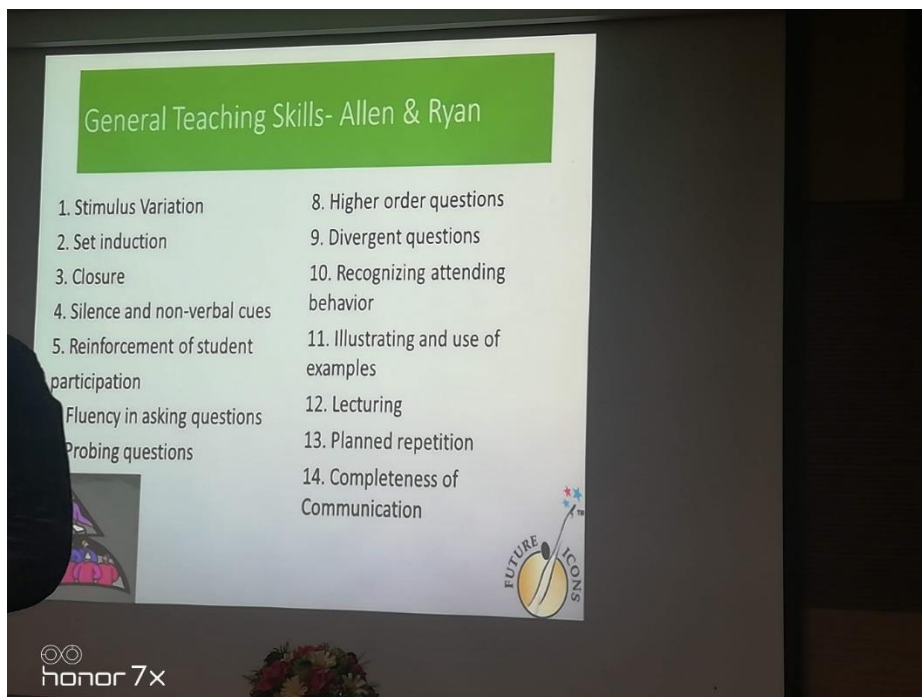


honor 7x

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PHOTOS




Photographs taken at 6th feb 2020

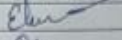























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ATTENDANCE
TOPIC: MICROTEACHING DATE: 06-02-2020

S.NO	NAME	SIGNATURE
1	S. ELANGOVAN	
2	D. Karthig	
3	S. Sathya Kumar	
4	M. A. Seethaiah	
5	U. JAYAKANTH	
6	B. Lakshmi	
7	S. BALASUNDRAM	
8	S. DALASUBRAMANIAN	
9	A. Joseph	
10	M. N. N. RAMANUKA	
11	J. Jee	
12	S. Sreebharghani	
13	B. SRIVIDYA	
14	S. U	
15	K. SENGOLA RAJAPPA	
16	U. Manjula	
17	A. Babiyaraj	
18	J. Prithika	
19	Sindhu S	
20	M. P. NITHY	
21	M. DEEPA	
22	P. Nirmala Devi	



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Brochure

Chief Patrons :

Dr. K.S. Lakshmi, Correspondent
Dr. K.S. Babai, Secretary
Mr. N. Sreekanth, Director

Patrons :

Dr. P.K. Suresh, Principal
Dr. K. Umarani, Dean Academics
Dr. L. Ramajeyam, HOD / Dean-PG Studies

Convener :

Dr. R. Arivazhagan, Associate Professor

Organizing Secretary:

Mrs. G. Anbu Neema, Assistant Professor
Mr. S. Saravanan, Assistant Professor
Mr. N. Ravikumar, Assistant Professor

Organizing Committee :

Mrs. U. Nirmakambal, Associate Professor
Mrs. M. Malini Gayathri, Assistant Professor
Mrs. M. Subbulakshmi, Assistant Professor
Mrs. P. Saranya, Assistant Professor
Mrs. S. Nivetha, Assistant Professor
Ms. M.S. Jayalakshmi, Assistant Professor
Mr. S. Barath Raj, Assistant Professor

Registration Details

For encouraging the young students and researchers to present a paper in our conference, we make **free registration**.

For the students, researchers, academicians and engineers, those who are willing to attend the conference, registration fee is Rs,200

Key Dates

Submission of Abstract on or before : 7th March 2020
Intimation of acceptance of Abstract : 9th March 2020
Submission of full Paper on or before : 10th March 2020
Acceptance of full Paper and schedule of the conference to be released : 11th March 2020



கற்பனை யூரென்ற நகருண்டாம்-அங்குக்
கந்தர்வர் விளையாடு வராம்.
சொப்பன நாடென்ற சுடர்நாடு-அங்குக்
சூழ்ந்தவர் யாவர்க்கும் பேருவகை



National Conference on Urban Resilience to Climate Change

Building Climate - Resilient, Migrant Friendly Cities and Towns

14th March 2020

Department of Civil Engineering

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

363, Arcot Road, Kodambakkam, Chennai - 600 024



About the College

Meenakshi Sundararajan Engineering College established in 2001 by the Indian Institute of Engineering and Technology founded by late Prof.K.R.Sundararajan with the vision of becoming a centre of excellence in the field of engineering. Our institute offers 6 U.G Programmes in Civil, CSE, EEE, ECE, Mech, IT and a P.G programme in Construction Engineering and Management. Our institute aims to provide excellent learning facilities by imparting practical training. Knowledge and skills to the youth. The college has signed MoU's with research organizations and industries to promote closer interaction in the areas of technology development, student training, curriculum up gradation and establishment of state-of-art-centers of excellence. The spirit of innovation continues to be hallmark of our institution.

About the Department

The department of Civil Engineering was started in the year 2002. The department has an ICI students chapter and has a strong association with PWD, Highway Department, TWAD, SERC, CMRL, URC, Keshthana Infrastructures, Chennai Port Trust, Metro Water, L&T, Utracon Structural Systems and Langdonsseah. Civil department conducts various technical seminars, conferences, workshops and faculty development programme at regular intervals apart from academic curriculum to make both students and staff updated with latest research areas and trends in the Civil Engineering field.

About the NCURCC 2020:

NCURCC 2020 is expected to bring together exposes, practitioners and policymakers to discuss a range of issue related to urban resilience and climate change adaptation. The conference hope to draw attention on how to make cities climate resilient and migrant friendly and how to accommodate the sustainable development goals, its governance and collaboration, resource management and climate resilience and migrant friendly infrastructure.

While cities are becoming smarter, they can still be very vulnerable, with basic services failing when different kinds of impact occur. Climate change is adding pressures and uncertainties for the economy, the environment and the society in general. In urban areas, climate change may affect urban services such as water and

energy supply. Urban resilience refers to reducing risks and damages from disaster and to have the ability to quickly bounce back to a stable state.

Why to attend?

Enhancing urban resilience within a limited resources environment, requires immediate interaction among stakeholders, debate up on conventional or revolutionary ideas and questioning of existing practices.

Engineers from the academia and the industry, financiers, policymakers and innovators, to exchange their experience and jointly discuss new ideas. NCURCC 2020 aims to set a robust and viable care towards the protection of our urban infrastructure systems from climate change.

Top-notch keynote and invited lectures, challenging panel discussions, dedicated oral session, presentation and a technical exhibition will be part of NCURCC 2020. Contribution on topics related to the field of natural hazards and infrastructures are encouraged on the scope of NCURCC 2020, including hazard prediction and risk management, remote sensing for natural disaster, climate change and flooding impact on infrastructure systems, earthquake engineering, landslides prevention, waste management and mitigation and many more.

Keynote speakers

Dr.K.Palanivelu, Director, Centre for Climate Change and disaster management, Anna University, Chennai.

K.V. Balasubramanian, Meteorologist, Regional Meteorological Centre, Chennai.

Dr. G. Janardhanan, M.E., Ph.D(USA), Associate Professor, NITTTR, Chennai.

Contact Details

ncurcc2020@gmail.com
9003116690 | 8526887987

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Photo Gallery



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National Conference on Urban Resilience to Climate Change

Building Climate-Resilient, Migrant Friendly Cities and Towns

Department of Civil Engineering
Meenakshi Sundararajan Engineering College
Registration Form

S.No	Name of the Participant	Name of the college	Mail-id	Phone Number	Signature
1.	V.Gitanyali (PG Class)	KCG college of Technology	v.gitanyali2000@gmail.com	9840279411	V.Gitanyali
2	Gayathri . N (PG Class)	KCG college of technology	gayathrinarayan1358@gmail.com	8610534516	Gayathri
3	Rajiv . K (PG Class)	SRMIST - RAMAPURAM	RAJIVKANWAN86@gmail.com	8754478268	Rajiv
4.	M.THIRUNAVUKKURATSU (PG Class)	SRMIST - RAMAPURAM	thiruvarasu986@gmail.com	8754478127	M.Thiruv
5.	U.VishwakChander (PG Class)	Easwari Engineering College	uvishwakchander@gmail.com	9791026652	uvishwak
6.	KATHIRESAN . K (PG Class)	SRMIST - RAMAPURAM	Ksmkathires@gmail.com	77520 - 53789	Kathiresan
7.	SIVARAJ . N (PG Class)	MNM Jain ENGINEERING COLLEGE	sivamaraj97@gmail.com	9498032925	Sivaraj
8.	Prem.Daji Kolosoi	MNM Jain engineering college	Prem.dajiKoloso@gmail.com	9941555103	Prem.Daji
9.	Siddhant S	Easwari Engineering College	siddhantsharmamugavadi@gmail.com	8610468579	Siddhant
10.	Nithesh Kumar E	Easwari Engineering College	nitheshelango70@gmail.com	8344718701	Nithesh

National Conference on Urban Resilience to Climate Change

Building Climate-Resilient, Migrant Friendly Cities and Towns

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Registration Form

S.No	Name of the Participant	Name of the college	Mail-id	Phone Number	Signature
11	MD. TABISH HAYAT	Easwari Engineering College	thkhan07@gmail.com	9444972355	Tabish
12.	Dr. T. Ch. Madhan M. Suganmaaj, P.M. Rameshwaran.	SRMIST	suganmaaj1896@gmail.com	8220044311	M. Suganmaaj
13)	MONISHA . J	SRMIST	monijohn697@gmail.com	9600154620	Monisha
14.	Prateesh . P.A. Mohan Dr. T. Ch. Madhan	SRMIST	prateeshpa218@gmail.com	805667416	Prateesh
15	dean Stanley	SAP, Anna University	jeninstanet@gmail.com	9962202652	Stanley
15.	M. D. Nithya Shree	MNM Jain Engg college	nithyashree2027@gmail.com	6374918021	Nithya
16.	Mr. R. Dinesh Kumar	Easwari Engineering College	rdineshkpm@gmail.com	9715268280	R. Dinesh
17.	ANURAG SHARMA, D. Senthil Velan.	SRMIST	anuragsharma563@gmail.com	883945629	Anurag
18	Dr. T. Ch. Madhan D. SENTHIL VELAN,	SRMIST	devsenthilvelan@gmail.com	9834763637	Senthil
19.	A. Mohan, Dr. T. Ch. Madhan	SRMIST	akamohank7@gmail.com	8939410281	A. Mohan

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National Conference on Urban Resilience to Climate Change

Building Climate-Resilient, Migrant Friendly Cities and Towns

Department of Civil Engineering
Meenakshi Sundararajan Engineering College
Registration Form

S.No	Name of the Participant	Name of the college	Mail-id	Phone Number	Signature
20	PM. Rameshwaran, Dr. T. Chinnadhai	SRMIST,	Rameshwaran 86 @gmail.com	9080888 647	
21	M. RAJASIMMAN	SRMIST (RAMAPURAM)	mrajasimmanmtechSE @gmail.com	944844822	
22	Lenin Dhal	SRM Gaswari Engg. College.	lenindhal@gmail.com	888946357	
23	T. RADHIKA	Mohamed Sathak AJ college of Eng.	radhika633@gmail.com	740136052	

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MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

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Website : www.msec.edu.in

Feedback Form

	MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE DEPARTMENT OF CIVIL ENGINEERING National Conference on Urban Resilience to Climate Change March 14th 2020 Feedback Form
--	--

Name of the Participant : R. DINESH KUMAR.

Name of the Institute / Organization : SRM GASWARI ENGINEERING COLLEGE.

1. How useful do you think this event for you?
(Please circle the appropriate number where 1 = satisfactory and 5 = extremely useful)

1	2	3	4	5
---	---	---	---	---

2. Do you think the conference was appropriate and informative?

Yes	No
-----	----

3. Did you receive all the information you required at this venue?

Yes	No
-----	----

4. Based on your experiences at this conference, how strongly would you attend or suggest to someone else to attend future events in our institution?

A. Very Strongly	B. Somehow	C. Not So Strongly	D. Would never recommend
------------------	------------	--------------------	--------------------------

R. Dinesh Kumar
14/3/20
Signature of the Participant

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NCAET 2020
BROCHURE

REGISTRATION :
 Participants are requested to register their names by intimating in advance. registration fees for conference participants are as follows:
 UG /PG students : Rs.500/-
 Research scholars/ Academics delegates : Rs.750/-
 Industry delegates : Rs.1000/-

IMPORTANT DATES:
 Submission of full paper : 4th Mar, 2020
 Notification of acceptance : 7th Mar, 2020
 Camera ready paper in soft copy with registration fee : 10th Mar, 2020

Accommodation and travel allowance will not be provided.
 All the payments must be made in the form of DD in favour of MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE - SEMINAR FUND, payable at Chennai.

***REGISTRATION PERSONAL DETAILS:**

Full Name:
 Designation:
 Qualification:
 Gender:
 Name of the Institution:
 Address for communication:
 Phone:
 E-Mail:
 Registration details:
 Amount Paid:
 DD NO:
 Bank:
 Signature of candidate
 Signature of Head of the Institution with college seal

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 Organising Secretary, NCAET - 2020
 Department of ECE
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**7th NATIONAL CONFERENCE ON
 ADVANCEMENT IN
 EMERGING TECHNOLOGIES**

NCAET - 2020





ORGANISED BY
DEPARTMENT OF ECE





**MEENAKSHI SUNDARARAJAN
 ENGINEERING COLLEGE
 CHENNAI - 24**

MARCH 14th

ABOUT THE DEPARTMENT !!

The Department of Electronics and Communication Engineering was started in the year 2001 with the inception of the college. This nineteen-year old department shares the mission and vision of the institute in imparting quality education to the students. The department has been efficacious in offering its students the opportunities to work on diverse platforms with eight well equipped laboratories with the latest hardware and software facilities sufficient to quench the thirst of budding engineers. our alumni have brought laurels to the institution by securing 45 university rank so far. This conference on 14th march, 2020 being the 7th National Conference on Advancement in Emerging Technologies (NCAET), the department also conducted an International Multi-Disciplinary Conference on Solar Energy (IMDCSE) in 2012, a National Conference on Recent trends in Electronics and Communication Engineering (NRIECE), an International Conference on VLSI and Communication Systems (ICVLSI COM-10) and various technical seminars, guest lectures and industrial visits every year to further enhance students's knowledge.

ABOUT US !!

Meenakshi Sundararajan Engineering College (MSEC) is a part of prestigious KRS Group of Institutions which also includes the renowned IIET (Indian Institute of Engineering Technology) established in 1947 by our Founder Late Shri K.R.Sundararajan. The college was established in July 2001 by the efforts of Dr. K.S.Lakshmi and Dr. K.S.Babal, the illustrious Daughters of our founder Shri K.R.Sundararajan. The management strives constantly to be a "Center Of Excellence" that imparts education to students, grooming their personality, face the challenges of the industry and the nation at large.

CALL FOR PAPERS:

*PAPER FORMAT:
 IEEE Double column, A4 four pages,
 All papers have to be sent by mail.
 FONT TYPE: Times New Roman, Font size -10
 PAPER TITLE: Center and Bold, Font size -14

ABOUT THE CONFERENCE !!

The aim of the conference is to help connect the dots that needs to be connected. The world appears increasingly complex, to grab and to develop the opportunity ahead we need a wider perspective. This conference provides an opportunities for students, experts from institutions and industries to discuss and share their experiences in the emerging recent trends of Electronics & Communication Engineering. This event is forum to put forth various innovative research ideas of various domains in the Electronics and Communication field.

TOPICS OF INTEREST

The topics of interest include, but are not limited to the following research areas:

- VLSI & Embedded System
- Signal & Image processing
- Wireless communication & Networks
- Nanotechnology
- Network & Information Security
- Opto Electronics
- Robotics
- Biomedical Instrumentation & Telemedicine
- MEMS
- Internet Of Things(IOT)

*view website to download sample IEEE paper


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NCAET 2020

ORGANISED BY
DEPARTMENT OF ECE

CHIEF GUEST:

Nagendra Vadivoo.MRS
Technical Consulting Engineer
Customer Delivery
Cisco Systems

CHAIR PERSON
SESSION 1 & 2

P.Augusta Sophy
Associate Professor(HOD)
School of Electronics
VIT, Chennai.

Dr.Usha Bhanu.N
Professor
Valliyammai Engineering College

DATE : 14-03-2020
TIME : 9:00 A.M.
VENUE : MAIN BLOCK

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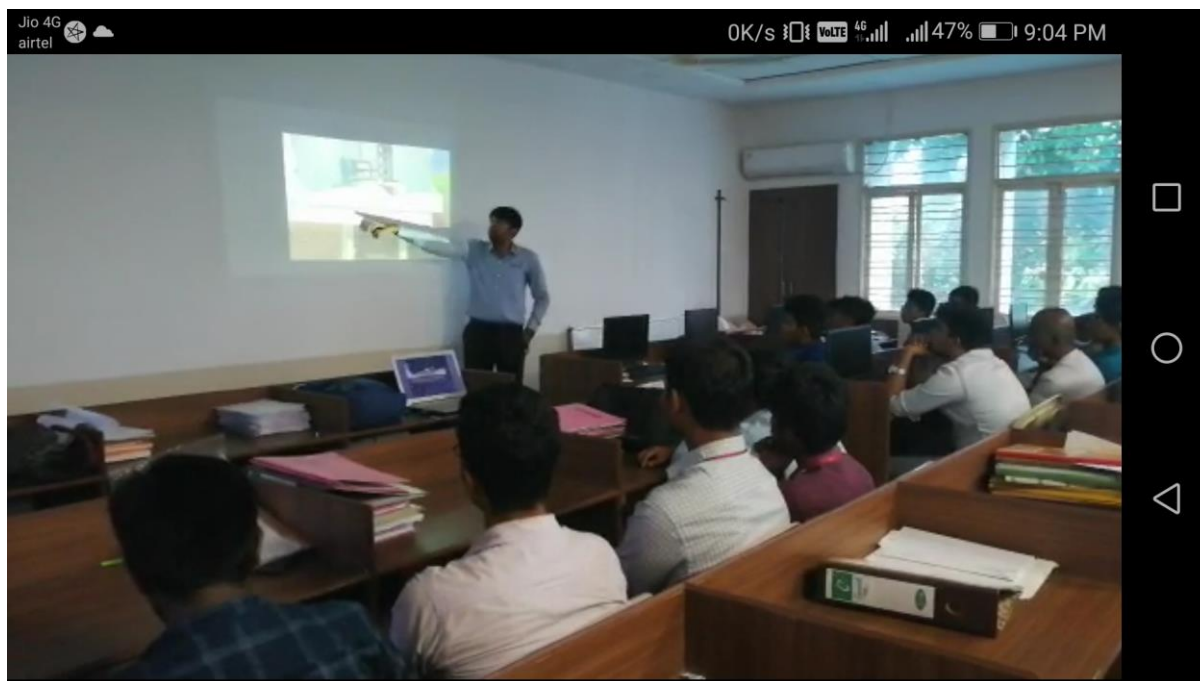
REPORT

The 7th National Conference “NCAET 2020” was held on 14th March 2020. The agenda of the conference was “Advancements in Emerging Technologies”. The event commenced around 9:45 a.m by the Head of Department welcoming the gathering followed by Mrs.N.Meenakshi, Senior Assistant Professor/ECE dept, who gave us a brief about the chief guest. It was then presided over by Mr. Nagendra Vadivoo MRS , Technical Consulting Engineer, Cisco Systems who was the chief guest of this event. He interacted patiently with us and shared his utmost knowledge on the real time issues and his personal experiences. The Keynote Address was given by Dr Usha Bhanu N, Professor, Valliyammai Engineering College who briefed us recent trends in communication. The Inaugural Function came to an end by the Vote of Thanks rendered by Mr. A. Joseph sathiadhas Esra, Assistant Professor/ECE.

The First Session commenced with a few technical papers presented by Students from various colleges. The session was chaired Dr Usha Bhanu N, Professor, Valliyammai Engineering College, Chennai. The Panel Member of the second session were Dr. P. Augusta Sophy, Associate Professor, HoD, VIT Chennai and Mr.Balasubramanian, Associate Professor/ECE who devoted their precious time judging and questioning the participants.

Totally 14 papers were presented. The conference ended at 3:00 p.m. Certificates and the CDs were distributed to each participant. They were provided with lunch and refreshments. The guests and panel speakers were presented with bouquets and mementos.

PHOTOS



Photograph taken at 14.03.2020


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Photograph taken at 14.03.2020


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ATTENDANCE

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

DEPARTMENT OF ECE

NCET-2020

14.03.2020

S.NO	NAME	DEPT/YEAR	SIGNATURE
1	Nithya B	ECE B-I	
2	Shwathi S	ECE B-I	
3	Vijayashree	ECE B I	
4	S.k Nithya	ECE B I	
5	Shwathi K	ECE B I	
6	VIJAY. K	ECE B I	
7	UDHUVANITHI	ECE B I	
8	RUBAN	ECE B I	
9	BREE VICKNESHI	ECE B I	
10	SRI RAM	ECE B I	
11	F.SANGAVAI	ECE II B	
12	M.S.ANVEDHA	ECE - II B	
12	PRACHI RMA. G	ECE - II B	
14	PRIVA. L. N	ECE - II B	
15	PRADYUMNESHWARI. V	ECE - II B	
16	SONMIYAR	ECE - II B	
17	T. LOGANAYAGI	ECE II A	
18	J. SAMANI	ECE - II A	
19	Abhishek Kumar. D	ECE II - A	
20	Gokul. B	ECE - II - A	
21	Harshavardhan. P	ECE - II - A	
22	B. N. MANYA	ECE - II - A	
23	B. Divyaashrithi	ECE - II A	
24	S.S. Dhanyasee zalya	ECE - II A	

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PROFESSIONAL DEVELOPMENT/ADMINISTRATIVE TRAINING PROGRAM 2018-2019

INDEX

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1	Workshop on basics of Netbanking	1-4
2	Training program on soft skills for professional effectiveness	5-8
3	Actuators & Mechatronics systems design - An overview	9-14
4	Basic MS office training	15-18
5	National level conference on Water Vulnerabilities in India's River Basins and Management Studies	19-25



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Administrative training program for non teaching staffs

BASICS OF NETBANKING-INVITATION



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We cordially invite all the

Non-Teaching Staffs
to attend

BASICS OF NET BANKING
by
S.SHRAVAN BALAJI
Kaar Technologies

DATE : 25//07/2018
TIME : 2 p.m.




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REPORT

Topic: Workshop on basics of net banking
Inaugurated on 25th July 2018

Chief Guest: S.Shravan Balaji

Kaar Technologies

Workshop program on the basics of net banking was conducted in order to realize the importance of net banking and online money transaction. The session was held on 25th July 2018. This session speaks about how people with better knowledge of net banking get to save time and learn about the art of money making. This session also tells about the benefits and disadvantages of net banking. This session also tells how to do safe and efficient transactions online. This program was very informative which enlightened the staff for a better future. The speaker shared his experience which was very informative.



Photograph taken at 25th july 2018

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CIRCULAR

Administrative training program on basics of netbanking on 25.07.2018 by **Mr. S.Shravan Balaji Kaar technologies** for non teaching staffs of Meenakshi Sundararajan Engineering college. In this all faculties are invited to attend without fail.

Venue: Main block ground floor
Time: 3.00 pm

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Principal



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ATTENDANCE

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE Administrative Training Program for Non Teaching Staffs On Basics of Netbanking

DATE: 25.07.2018

ATTENDANCE		
S.NO	NAME	SIGNATURE
1	Mr.T.R.Sundaram	
2	Mrs.V.Ramadevi	
3	Mrs.P.Vatchala Devi	
4	Mrs.V.Kanchana	
5	Mrs.N.Lalitha	
6	Mr.E.Selvakumar	
7	Mrs.Vaidehi Sridhar	
8	Mr.Sureshkumar	
9	Mr.E.Rajkumar	
10	Mr.P.Sivaraja	
11	Ms.Indhumathi	
12	Mr.C.S.Raju	
13	Mrs.K.Leelavathi	
14	Ms.M.Leemaplari	
15	Mr.P.Vijayan	
16	Ms.Annamayil	
17	Mr.C.Sampath	
18	Mr.M.Sagayam	
19	Mr.M.Maria Francis	
20	Mr.S.Shanmugasundaram	
21	Mr.M.Jayaraman	
22	Mr.C.H.Devadass	

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Training program on soft skills for professional effectiveness


INVITATION





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(Approved by AICTE, Affiliated to Anna University and Accredited by NBA programs applied)
363, Arcot Road , Kodambakkam, Chennai - 600 024.

The Management, Principal, Staff & Students
cordially invite you
to

**Training program on soft skills for
professional effectiveness**



soft skills makes your career stronger!
Date : 20.09.2018
GUEST SPEAKER
Mrs.Malathi Seetharaman

 www.msec.edu.in  044-2810 1636  principal@msec.edu.in

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REPORT

Topic: Training program on soft skills for professional effectiveness

Inaugurated on: 20th SEPTEMBER, 2018

Chief Guest: Mrs.Malathi Seetharaman

Msec

The training program on soft skills was held on september 20, 2018 for our faculties. Getting to know about soft skills, is very important, especially for people working in the educational institutions. The program taught how to interact with people effectively, respecting their boundaries and how to deal with sensational issues with the students. This helps the faculties in mentoring the students constructively and thereby helps the students.



Photograph taken at 20th September 2018


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CIRCULAR

Administrative training program on Training program on soft skills for professional effectiveness on 20.09.2019 by Mrs.Malathi Seetharaman for non teaching staffs of Meenakshi Sundararajan Engineering college.In this all faculties are invited to attend without fail.

Venue:KRS seminar hall
Time:11.00 am


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ATTENDANCE

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
Administrative Training Program for Non Teaching Staffs
Training program on soft skills for professional effectiveness

DATE: 20.09.2018

ATTENDANCE		
S.NO	NAME	SIGNATURE
1	Mr.T.R.Sundaram	<i>T.R. Sundaram</i>
2	Mrs.V.Ramadevi	<i>Ramadevi</i>
3	Mrs.P.Vatchala Devi	<i>Vatchala Devi</i>
4	Mrs.V.Kanchana	<i>Kanchana</i>
5	Mrs.N.Lalitha	<i>Lalitha</i>
6	Mr.E.Selvakumar	<i>Selvakumar</i>
7	Mrs.Vaidehi Sridhar	<i>Vaidehi Sridhar</i>
8	Mr.Sureshkumar	<i>Suresh Kumar</i>
9	Mr.E.Rajkumar	<i>Rajkumar</i>
10	Mr.P.Sivaraja	<i>Sivaraja</i>
11	Ms.Indhumathi	<i>Indhumathi</i>
12	Mr.C.S.Raju	<i>Raju</i>
13	Mrs.K.Leelavathi	<i>Leelavathi</i>
14	Ms.M.Lecmaplaris	<i>Lecmaplaris</i>
15	Mr.P.Vijayan	<i>Vijayan</i>
16	Ms.Annamayil	<i>Annamayil</i>
17	Mr.C.Sampath	<i>Sampath</i>
18	Mr.M.Sagayam	<i>Sagayam</i>
19	Mr.M.Maria Francis	<i>Maria Francis</i>
20	Mr.S.Shanmugasundaram	<i>Shanmugasundaram</i>
21	Mr.M.Jayaraman	<i>Jayaraman</i>
22	Mr.C.H.Devadass	<i>Devadass</i>

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FDP ON ACTUATORS & MECHATRONICS SYSTEMS DESIGN

BROCHURE

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION
&
DEPARTMENT OF ELECTRICAL AND ELECTRONICS

CORDIALLY INVITE YOU TO

FACULTY DEVELOPMENT PROGRAM
ON

**ACTUATORS AND MECHATRONICS SYSTEMS
DESIGN - AN OVERVIEW**

BY
Dr. R. VIJAYARAJESHWARAN
MD, Vi MICROSYSTEMS Pvt.Ltd
CHENNAI

DATE : 15-11-2018 to 17-11-2018
TIME : 9:00 am
VENUE : MAIN BLOCK

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REPORT

Topic: Actuators and Mechatronics systems design-An overview

Resource Person: Dr.R.Vijayarajeswaran Vi microsystems

Date:15.11.18 to 17.11.18

The resource person has explained actuators and mechatronics system design process in detail In the mechatronics design process, modeling and numerical simulations have an important place for design verification and validation. Nevertheless, these two tasks are particularly difficult if one deals with the design of mechatronic systems, because mechatronics involves different domains and, consequently, different modeling methods. Simulation results give a local or global understanding of the response of the component area under study. A detailed thermal simulation of an electronic board with several components can be difficult. Many projects have been discussed and work with the permanent objective of simplifying the different parts of the electronic systems while maintaining sufficient representativeness.

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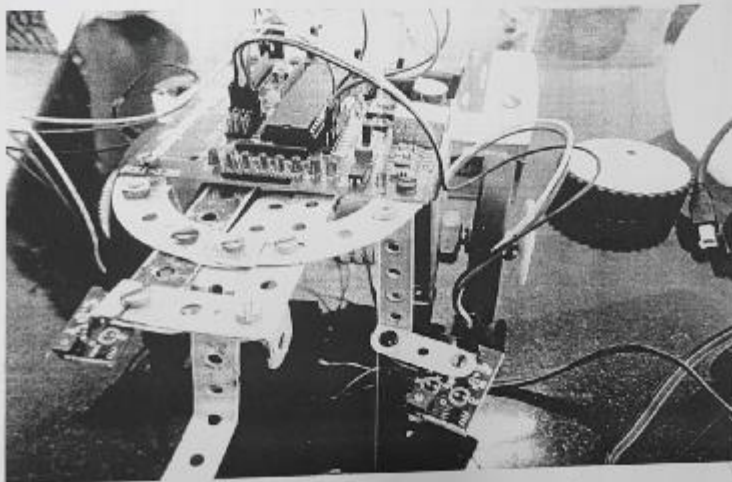
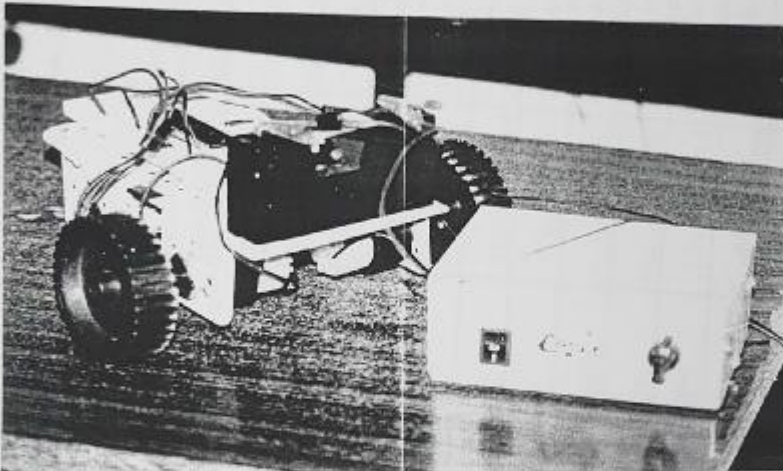
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PHOTO



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ATTENDANCE

Meenakshi Sundararajan Engineering College
Faculty Development Program 15.11.2018 to 17.11.2018
Title : Actuators and Mechatronics System Design - An Overview

Attendance Sheet

SN	Name	Dept	College	Phone	E-mail ID	Signature		
						15.11.18	16.11.18	17.11.18
1	U. DEVARAJAN	ECE	MSEC	944456629	u.devarajan@msec.edu.in	[Signature]	[Signature]	[Signature]
2	VANATHI T	EEE	MSEC	994039972	vanathy.vijayalakshmi@msec.edu.in	[Signature]	[Signature]	[Signature]
3	N.V. Harsha	ECE	MSEC	9866069904	niharshita@msec.edu.in	[Signature]	[Signature]	[Signature]
4	M. SITI SIVAN	ECE	MSEC	988433711	sivanasir@msec.edu.in	[Signature]	[Signature]	[Signature]
5	R. Nimmala Devi	ECE	MSEC	994145209	nimmala.devi@msec.edu.in	[Signature]	[Signature]	[Signature]
6	S. ELANGOVAN	ECE	MSEC	99977256	selangovan@msec.edu.in	[Signature]	[Signature]	[Signature]
7	B. Saravathy	ECE	MSEC	978978373	bsaravathy@msec.edu.in	[Signature]	[Signature]	[Signature]
8	G. Ganabi	ECE	MSEC	78034801	ganabi@msec.edu.in	[Signature]	[Signature]	[Signature]
9	A. BABIYOLA	ECE	MSEC	944444806	babiyola@msec.edu.in	[Signature]	[Signature]	[Signature]
10	PARAKRAMAN P	EEE	MSEC	994482665	parakraman@msec.edu.in	[Signature]	[Signature]	[Signature]
11	J. KARITHIKA	ECE	MSEC	952409676	karithika@msec.edu.in	[Signature]	[Signature]	[Signature]
12	S. Sindhu	ECE	MSEC	605652509	sindhu@msec.edu.in	[Signature]	[Signature]	[Signature]
13	A. VELU	ECE	MSEC	988944694	velu@msec.edu.in	[Signature]	[Signature]	[Signature]


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MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

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by AICTE & Affiliated to Anna University email Id:

principal@msec.edu.in

Website : www.msec.edu.in

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40	V. Arun	mech	MSEC	942226475	arunv@gmail.com			
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17	Noor Khan	ECE	MSEC	9840523091	noorkhan@gmail.com			
18	M. Manjula	ECE	MSEC	9866083133	manjulakrishna@gmail.com			
19								
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S/S

J. Man



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CERTIFICATE



[Signature]
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BASIC MS OFFICE TRAINING

INVITATION

**Administrative Training
Program for
Non Teaching
Staffs**

**BASIC
MS OFFICE TRAINING**

WITH
DATE : 23/01/2019
N.MATHANGI
IT/Msec

**Meenakshi Sundararajan Engineering
College.**

IT Seminar Hall

The poster features a dark blue background with decorative elements: a white wavy pattern in the top-left and bottom-right corners, a grid of red dots on the left side, and a large green circle on the right containing a stylized 3D logo with red and orange gradients. The text is arranged in a clear, hierarchical layout.

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REPORT

Topic: Basic MS office training

Inaugurated on: 23.01.2019

Chief Guest: N.MATHANGI

IT /MSEC

Administrative training program on BASIC MS office was conducted with the principal aim of making the skills of the faculties stronger in using those tools. Nowadays, knowing excel, word and other MS office tools is a basic requirement as it helps in making their work much better. It reduces the complexity of the work done by them.



Photograph taken at 23.01.2019

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CIRCULAR

Administrative training program on BASIC MS OFFICE TRAINING on 23.01.2019 by **N.MATHANGI/IT** for non teaching staffs of Meenakshi Sundararajan Engineering college. In this all faculties are invited to attend without fail.

Venue: IT SEMINAR HALL
Time: 10.00 am

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ATTENDANCE

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
Administrative Training Program for Non Teaching Staffs
Basic MS office training

DATE: 23.01.2019

ATTENDANCE		
S.NO	NAME	SIGNATURE
1	Mr.T.R.Sundaram	
2	Mrs.V.Ramadevi	
3	Mrs.P.Vatchala Devi	
4	Mrs.V.Kanchana	
5	Mrs.N.Lalitha	
6	Mr.E.Selvakumar	
7	Mrs.Vaidehi Sridhar	
8	Mr.Sureshkumar	
9	Mr.E.Rajkumar	
10	Mr.P.Sivaraja	
11	Ms.Indhumathi	
12	Mr.C.S.Raju	
13	Mrs.K.Leelavathi	
14	Ms.M.Leemapharis	
15	Mr.P.Vijayan	
16	Ms.Annamayil	
17	Mr.C.Sampath	
18	Mr.M.Sajiyam	
19	Mr.M.Maria Francis	
20	Mr.S.Shanmugasundaram	
21	Mr.M.Jayaraman	
22	Mr.C.H.Devadass	

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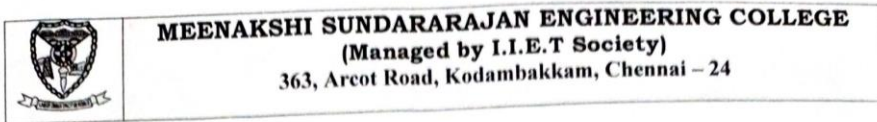


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NATIONAL LEVEL CONFERENCE ON WATER VULNERABILITIES IN INDIA'S RIVER BASINS AND MANAGEMENT STUDIES

Permission Letter



From

The Head of the Department,
Department of Civil Engineering,
Meenakshi Sundararajan Engineering College,
Chennai 600024.

To

The Secretary
Meenakshi Sundararajan Engineering College,
Chennai 600024.

Respected Madam,

Sub: Permission to conduct National Conference – reg.

The Department of Civil Engineering is planning to conduct a National Conference on “Water Vulnerabilities in India’s River Basins and Management Strategies” on March 2nd 2019 (Saturday) in collaboration with Indian Concrete Institute. The main aim of the conference is provide platform to budding generation of researchers and young engineers. At this moment, on behalf of the department, we necessitate your permission to conduct the conference.

Thank You

Yours faithfully,

Date: 02.11.2018

Place: Chennai

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Circular



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Kodambakkam, Chennai
APPROVED BY AICTE AND AFFILIATED TO ANNA UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING

CIRCULAR

05/02/2019

It is proposed to conduct **National level conference on 02/03/2019 for II, III, IV year (Civil) Students**. So, all the students are advised to attend the conference.

1. Title : "Water Vulnerabilities in India's River Basins and Management Strategies".
2. Time : 08.00AM to 04.05 PM
3. Venue : Srimathy Meenakshi Sundararajan Centenary Seminar Hall

Convenor

R. Jovithose

II - year civil - @ Arshad

III - Year civil - Nuv

IV - year civil - @ Anas


HOD/Civil



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Brochure



National Level Conference
on
**WATER VULNERABILITIES IN INDIA'S RIVER BASINS AND
MANAGEMENT STRATEGIES**

02nd, March 2019



Department of Civil Engineering

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

363, Arcot Road, Kodambakkam, Chennai - 24

www.wvims2019.com

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Report and Photos



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Kodambakkam, Chennai

APPROVED BY AICTE AND AFFILIATED TO ANNA UNIVERSITY
National Level conference

Water Vulnerabilities in India's River Basins and Management Strategies
March 2nd 2019

About the Conference:

India is the largest user of groundwater in the whole world. About 230 billion cubic meter per year of ground water is extracted and used in India as against 105 BCM by USA.

A National level conference were conducted jointly by The ICI on 02nd March 2019 and the topic is “Water Vulnerabilities in India’s River Basins and Management Strategies” total number of beneficiaries are 206 (Batch: 2015- 2019 (IV Year) Batch: 2016 - 2020 (III Year) Batch: 2017 - 2021 (II Year) and 15 outside participants). The conference is headed towards exploring the recent inclination in water resource and management engineering with the key speakers concentrated on water quality, water pollution, climate change, rainfall, urbanization, floods and many different strategies.



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Photograph taken at 2nd march 2019

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Feedback Form



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

DEPARTMENT OF CIVIL ENGINEERING

National Conference on Water Vulnerabilities in India's
River Basins and Management Strategies

March 02nd 2019 - Saturday

Name of the Participant(s): *A. MAHA*

Institute / Association Name: *CEG, Anna University*

Your feedback is important for planning future programming. Thank you.

5 = Excellent 4 = Very Good 3 = Good 2 = Average 1 = Satisfactory

Circle your response

- | | | | | | |
|---|---|-------------------------------------|---|---|---|
| 1. The conference met my expectations. | 5 | <input checked="" type="checkbox"/> | 3 | 2 | 1 |
| 2. The content was helpful. | 5 | <input checked="" type="checkbox"/> | 3 | 2 | 1 |
| 3. The level of the presentation were appropriate. | 5 | <input checked="" type="checkbox"/> | 3 | 2 | 1 |
| 4. I recommend that the event be repeated for other students. | 5 | <input checked="" type="checkbox"/> | 3 | 2 | 1 |

Other Valuable feedback: *A rich array of speakers working on varied aspects of water.*

Signature of the Participant(s): *A. Mah*

J. S.

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Attendance Sheet



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
 DEPARTMENT OF CIVIL ENGINEERING
 Water Vulnerabilities in India's River Basins and Management Strategies
 2nd March 2019
 Attendance Sheet

S.No	Name of the author	Institute/Association Name	Signature
1.	Subramaniam .N.M	MNM Jain Engg College	<i>[Signature]</i>
2.	Khalid Imbrahim	St. Peter's Engg college	<i>[Signature]</i>
3.	Niranjan G.B.	St. Peter's institute of higher education	<i>[Signature]</i>
4.	Renn Mathew	St. Peter's institute of higher education	<i>[Signature]</i>
5.	A.N. Sowmya	Anna University, Chennai	<i>[Signature]</i>
6.	Christy Jemi. T	Anna University, Chennai	<i>[Signature]</i>
7.	ARUNACHALAM . E	ANNAMALAI UNIVERSITY,	<i>[Signature]</i>
8	M. Anburathinam	Annamalai University	<i>[Signature]</i>
9.	APAVINDAN . P.K.	St. Joseph Institute of technology	<i>[Signature]</i>
10.	ANURAG . S.P.	St. Joseph Institute of technology	<i>[Signature]</i>
11.	TAMILARASI . K	Annamalai University	<i>[Signature]</i>
12.	Manimozhi . R	Anna University - Chennai	<i>[Signature]</i>
13.	Jayashree R	Anna University Chennai	<i>[Signature]</i>
14.	Malai . A	Anna University, Chennai	<i>[Signature]</i>
15	Gr. Lakshmi Chandana	Meltech Institute	<i>[Signature]</i>

[Signature]
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PROFESSIONAL DEVELOPMENT/ADMINISTRATIVE TRAINING PROGRAM 2017-2018

INDEX

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2	Fire Safety training	6-10
3	Communication skills and personality development	11-14
4	DSP Architecture & Programming	15-21
5	National Conference on Trends and Transmogrification in Structural Engineering	22-23
6	Two days workshop on Basics of MS Word and MS Excel	24-27
7	MAT LAB	28-33



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FDP ON SERVERS AND DATA CENTERS

Academic Year:2017-2018

A FDP organized by the department of CSE and IT on the topic of **SERVERS AND DATACENTERS** for the faculties of CSE, IT department on 28th JUNE 2017 by **Mr.GIRISH MADHAVAN, QUADSEL SYSTEMS PVT LTD.** The FDP was conducted in **PROF.KRS.CENTENARY SEMINAR HALL** with Prayers followed by the Introduction about the resource person and the detailed overview of FDP.

Objective:

To uncover disruptors that impact the data center network,

To identify the options available for agile data center networking capabilities.

Invitation:



MEENAKSHI SUNDARARAJAN ENGINEERING
COLLEGE
No: 363, Arcot Road, Kodambakkam,
Chennai-600024

cordially invite you to the

FDP ON SERVERS AND DATA CENTERS
ON 28th JUNE 2017 AT
Prof. KRS Centenary Seminar Hall
in an august presence of
DR. K S BABAI
SECRETARY

Mr.GIRISH MADHAVAN
QUADSEL SYSTEMS PVT LTD
Will be the resource person

Dr. Suresh P
Principal, Felicitates

Dr. K UMARANI
Dean Academics
Welcomes the gathering

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Mail Conversation:

Request for FDP on Servers and

Kanimozhi A, HOD - Information Technology - Meenakshi Sundararajan Engineering College
Respected The Staffs of Department of Computer Science and Information Techno... Jun 26 (1 day ago)

Girish Madhavan
to me
3:57 AM (17 hours ago)

Sorry I am not available in town today.
We can have the FDP on 28th June 2017.
Thank you,
Best Regards,
Girish Madhavan
HP +91 98410 16631

Quadsel
Quadsel Systems Pvt. Ltd.
No.118, Anna Salai,
Manikkam Lane, Guindy
Chennai - 600032.
Office :+91 44 22502277 | www.quadsel.in

From: Kanimozhi A, HOD - Information Technology - Meenakshi Sundararajan Engineering College [mailto:hod_it@msec.edu.in]
Sent: 26 June 2017 13:17

Request for FDP on Servers and

Kanimozhi A, HOD - Information Technology - Meenakshi Sundararajan Engineering College
to Girish
Jun 26 (1 day ago)

Respected
The Staffs of Department of Computer Science and Information Technology are interested in attending a Faculty Development Program on Servers and Data Center . In this regard I request you to conduct a FDP on the same on 27/06/2017. Awaiting for your positive response.

Click here to Reply or Forward

42% full
Using 7.27 GB of your 17 GB

Program Policies
Powered by Google

Last account activity in 9 minutes
Currently being used in 1 other location Details

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Website : www.msec.edu.in

Report:

The Resource Person gave an overview about the servers and started with an introduction of data centres. The FDP considered the following areas where advanced technologies would help data centers' performance:

- improved application of standard translatable formats;
- greater reliance on on-line data storage and network access;
- more sophisticated database technologies;
- expanded metadata management and lineage tracking; and
- greater reliance on nonspecialized, easily available hardware and software solutions.



Photograph taken on 28.06.2017



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Website : www.msec.edu.in

Attendance:

Meenakshi Sundararajan Engineering College
363, Arcot Road, Kodambakkam, Chennai 600024
Department Of Information Technology
Association Of Information Technology (AIT)

FACULTY DEVELOPMENT PROGRAM
ON
SERVERS AND DATACENTERS

ATTENDANCE SHEET DATE: 28-6-17

SNO.	NAME OF THE FACULTY	DESIGNATION	SIGNATURE
1	A. KANNIAZHAN	HOD - IT Associate prof	[Signature]
2	B. Mahalakshmi	AP	[Signature]
3	N. Malarani	AP	[Signature]
4	S. PRISKILLA MANANMANI	AP	[Signature]
5	J. PRIYA	AP	[Signature]
6	R. Ganapathi	AP	[Signature]
7	AKULU K	AP	[Signature]
8	M. SARAJA SHOBINI	AP	[Signature]
9	K. P. SRIRAM	AP	[Signature]
10	A. SHAJI	AP	[Signature]
11	S. VISVA LAKSHMI	AP	[Signature]
12	G. S. LOU KANAKKI	AP	[Signature]
13	H. IYERHATHI	LAB CO-ORDINATOR	H. Fredhumer

[Signature]
HOD SIGNATURE

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Feedback form:

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
DEPARTMENT OF INFORMATION TECHNOLOGY
FACULTY DEVELOPMENT PROGRAM
FEEDBACK FORM

Date: 28/6/17.

Name of participant: M. SARALA SHOBINI.
Title: SERVERS AND DATA CENTERS.

Your feedback is important for planning future programming. Thank you.

4 = Excellent 3 = Very Good 2 = Good 1 = Fair 0 = No opinion

Circle your response

1. The FDP met my expectations.	4	3	2	1	0
2. The content was helpful and was on par with current trends.	4	3	2	1	0
3. The speaker had a good understanding of the topics.	4	3	2	1	0
4. The instructors encouraged interaction and were helpful	4	3	2	1	0
5. Will you implement the learning from the program in your regular teaching and research work.	4	3	2	1	0

Outcome:

Participants developed capacity:

1. To understand the basic importance of Cloud Data Center Infrastructure.
2. To demonstrate on Data Center Environment
3. To analyse Storage Backup and Recovery
4. To demonstrate the usage of Cloud Data Center Infrastructure.

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Administrative training program for non teaching staff FIRE SAFETY TRAINING-INVITATION

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(Approved by AICTE, Affiliated to Anna University
Accredited by NBA for Programs Applied)
363, Arcot Road, Kodambakkam, Chennai - 600 024
The Management, Principal, Staff & Students

Cordially Invite You

**FIRE SAFETY TRAINING
2017**
for non teaching staff

16.08.2017 | 3:00 pm

GUEST SPEAKER
SELVAKUMAR C

**VENUE : MEENAKSHI SUNDARARAJAN
ENGINEERING COLLEGE**

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REPORT

Topic: Fire safety training

Inaugurated on: 16th August, 2017

Chief Guest: Selvakumar.C

Om Sakthi Fire Safety Solutions

Fire safety training is one of the primary and prominent trainings one should know. The program was held on 16th of August in the year 2017. This program helped the faculties reassess its importance. In-case of any emergencies, they ought to work efficiently whilst staying calm. This program helps them deal with such situations.




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Website : www.msec.edu.in

CIRCULAR

Administrative training program on fire safety on 16.08.2017 by **Mr.Selvakumar.C OM SAKTHI FIRE SAFETY SOLUTIONS** for non teaching staffs of Meenakshi Sundararajan Engineering college.In this all faculties are invited to attend without fail.

Venue:Main block ground floor
Time:3.00 pm

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ATTENDANCE

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE Administrative Training Program for Non Teaching Staffs Fire safety training

DATE: 16.08.2017

S.NO	NAME	SIGNATURE
1	Mr.T.R.Sundaram	<i>[Signature]</i>
2	Mrs.V.Ramadevi	<i>[Signature]</i>
3	Mrs.P.Vatchala Devi	<i>[Signature]</i>
4	Mrs.V.Kanchana	<i>[Signature]</i>
5	Mrs.S.Saraswathi	<i>[Signature]</i>
6	Mr.E.Selvakumar	<i>[Signature]</i>
7	Mrs.N.Lalitha	<i>[Signature]</i>
8	Mrs.Vaidhi Sridhar	<i>[Signature]</i>
9	MR.K.Premkumar	<i>[Signature]</i>
10	Mr.Sureshkumar	<i>[Signature]</i>
11	Mr.E.Rajkumar	<i>[Signature]</i>
12	Mr.P.Sivaraja	<i>[Signature]</i>
13	Mrs.S.Susila	<i>[Signature]</i>
14	Mrs.S.Rajalakshmi	<i>[Signature]</i>
15	Mr.C.S.Raju	<i>[Signature]</i>
16	Mr.P.Swaminathan	<i>[Signature]</i>
17	Mrs.K.Neelavathi	<i>[Signature]</i>
18	Mr.A.Vijayan	<i>[Signature]</i>
19	Mr.P.Vijayan	<i>[Signature]</i>
20	Ms.Annamayil	<i>[Signature]</i>
21	Mr.C.Samath	<i>[Signature]</i>
22	Ms.Sadhana	<i>[Signature]</i>
23	Mr.M.Sagayam	<i>[Signature]</i>
24	Mr.M.Maria Francis	<i>[Signature]</i>
25	Mr.S.Shanmugasundaram	<i>[Signature]</i>
26	Mr.M.Jayaraman	<i>[Signature]</i>
27	Mr.C.H.Devadass	<i>[Signature]</i>

Work
Sh-X

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FEEDBACK



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
#363, Arcot Road, Kodambakkam, Chennai -600024, Tamil Nadu, India

Feedback

Date: 16.08.17
Participant Name: C.S. Raju
Department: ECE
College Name: MSEC
Phone:

Please indicate your feedback (√) to know the Outcomes obtained from this program using the following scale:

4=Extremely High 3 = High 2 = Normal 1 = Average

S.NO	Questions	4	3	2	1
1	How would you rate your learning experience through this event?	√			
2	How much has the event improved your skills?	√			
3	How much has this event helped you keep yourself updated with the current trends of the industry?	√			
4	How much has this event inspired you to research/explore more into the field of technology?	√			
5	How much has it encouraged you to participate in various events in the future?	√			

Any other Comments/suggestions:


Signature with Date


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Administrative training program for non teaching staff **COMMUNICATION SKILLS AND PERSONALITY DEVELOPMENT-INVITATION**



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

(Approved by AICTE, Affiliated to Anna University
Accredited by NBA for Programs Applied)
363, Arcot Road, Kodambakkam, Chennai - 600 024

The Management, Principal, Staff & Students

Cordially Invite You

COMMUNICATION SKILLS AND PERSONALITY DEVELOPMENT



for non teaching staff




27.09.2017 | 3:00 pm

GUEST SPEAKER

Mrs.Malathi Seetharaman

**VENUE :MEENAKSHI SUNDARARAJAN
ENGINEERING COLLEGE**

 www.msec.edu.in

 044-2480 1636

 principal@msec.edu.in




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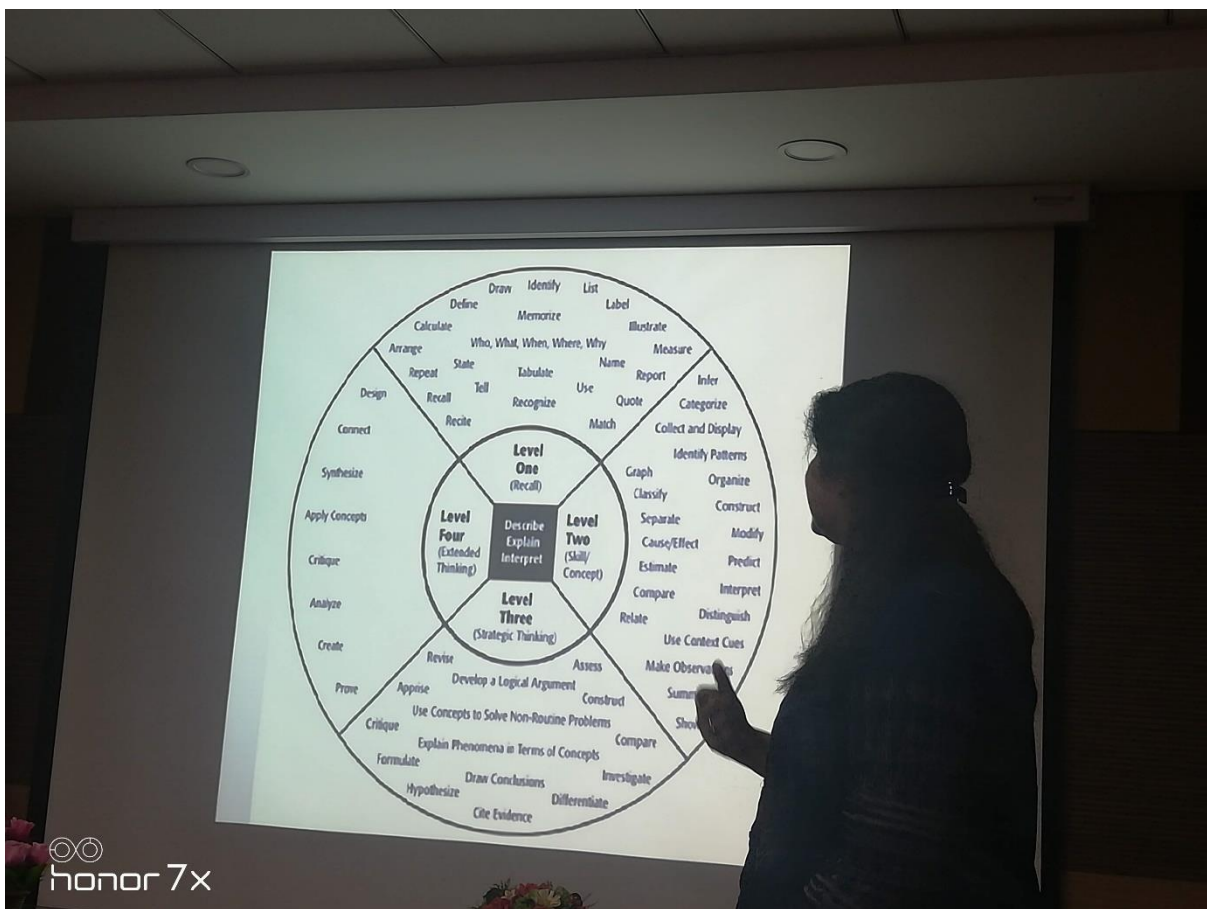
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REPORT

Topic: Communication skills and personality development
Inaugurated on 27th September 2017
Chief Guest: Mrs.Malathi Seetharaman

Msec

Communication skills and personality development program was conducted in order to realize the importance of character development and better communication skills. The session was held on 27th September 2017. This session speaks about how people with greater communication skills tend to have a better personality. This session also tells about how the staffs got enlightened. This session also tells about how to be a good and patient listener. This program was very informative which enlightened the staff for a better future. The speaker shared his experience which was very informative.



Photograph taken at 27th September 2017

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CIRCULAR

Administrative training program on Communication skills and personality development on 27.09.2017 by Mrs.Malathi Seetharaman for non teaching staffs of Meenakshi Sundararajan Engineering college.In this all faculties are invited to attend without fail.

Venue:KRS seminar hall
Time:3.00 pm


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Principal



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ATTENDANCE

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
Administrative Training Program for Non Teaching Staff
Communication skills and personality development

DATE: 27.09.2017

S.NO	NAME	ATTENDANCE	SIGNATURE
1	Mr. T. R. Sundaram		<i>[Signature]</i>
2	Mrs. V. Ramadevi		<i>[Signature]</i>
3	Mrs. P. Vanchola Devi		<i>[Signature]</i>
4	Mrs. V. Kanchana		<i>[Signature]</i>
5	Mrs. S. Saraswathi		<i>[Signature]</i>
6	Mr. E. Neelakumar		<i>[Signature]</i>
7	Mrs. N. Lalitha		<i>[Signature]</i>
8	Mrs. Vandehi Seidbar		<i>[Signature]</i>
9	MR. K. Piyankumar		<i>[Signature]</i>
10	Mr. Sureshkumar		<i>[Signature]</i>
11	Mr. E. Rajkumar		<i>[Signature]</i>
12	Mr. P. Sivarama		<i>[Signature]</i>
13	Mrs. S. Susila		<i>[Signature]</i>
14	Mrs. S. Kajalakshmi		<i>[Signature]</i>
15	Mr. C. S. Raju		<i>[Signature]</i>
16	Mr. P. Swaminathan		<i>[Signature]</i>
17	Mrs. K. Neelavathi		<i>[Signature]</i>
18	Mr. A. Vijayan		<i>[Signature]</i>
19	Mr. P. V. Jayan		<i>[Signature]</i>
20	Mrs. Anamayil		<i>[Signature]</i>
21	Mr. C. Sampath		<i>[Signature]</i>
22	Ms. Sachana		<i>[Signature]</i>
23	Mr. M. Sagar am		<i>[Signature]</i>
24	Mr. M. Maria Francis		<i>[Signature]</i>
25	Mr. S. Shanmugasundaram		<i>[Signature]</i>
26	Mr. M. Jayaraman		<i>[Signature]</i>
27	Mr. C. H. Devadas		<i>[Signature]</i>

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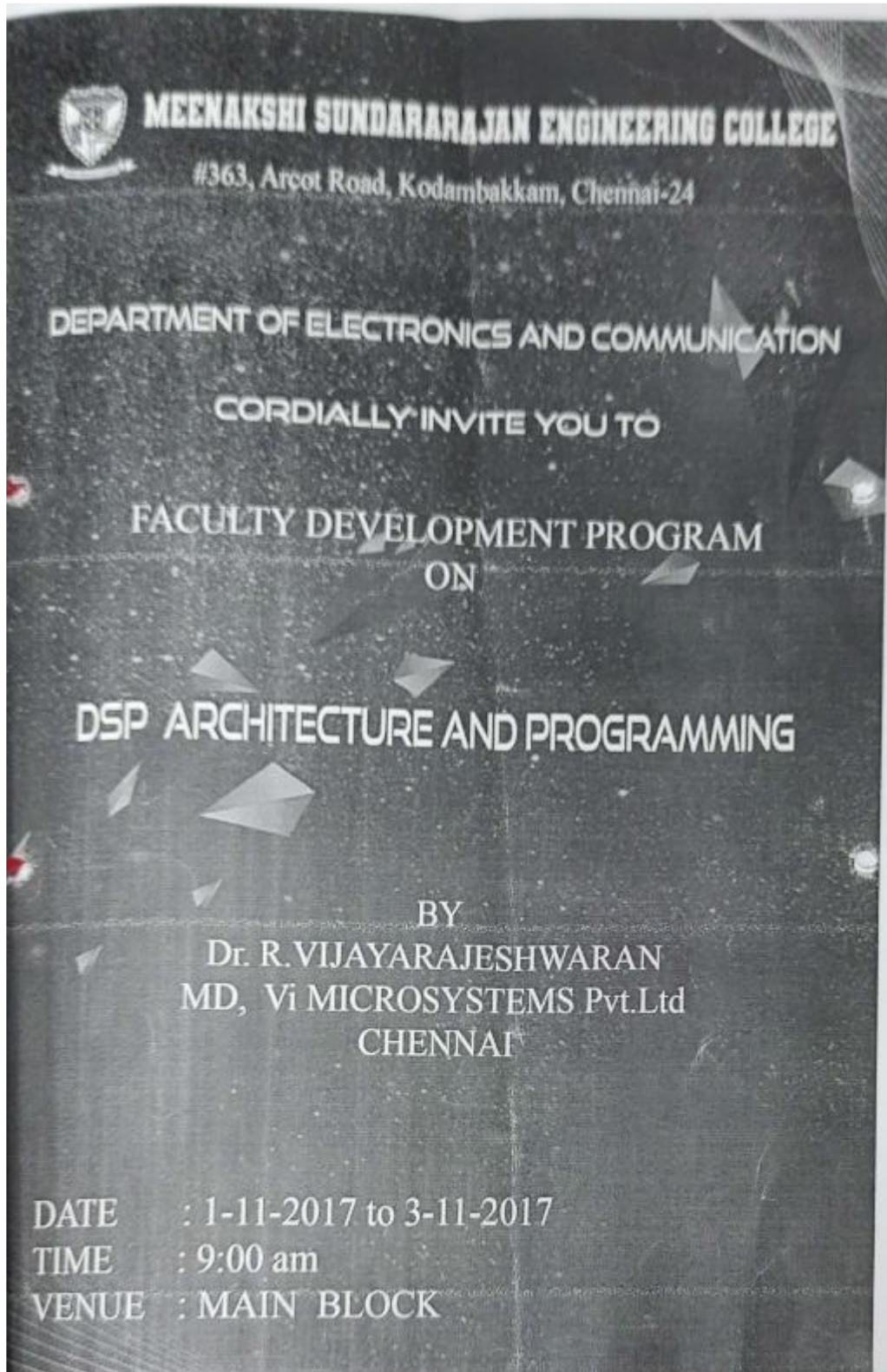
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FDP ON DSP ARCHITECTURE AND PROGRAMMING

BROCHURE





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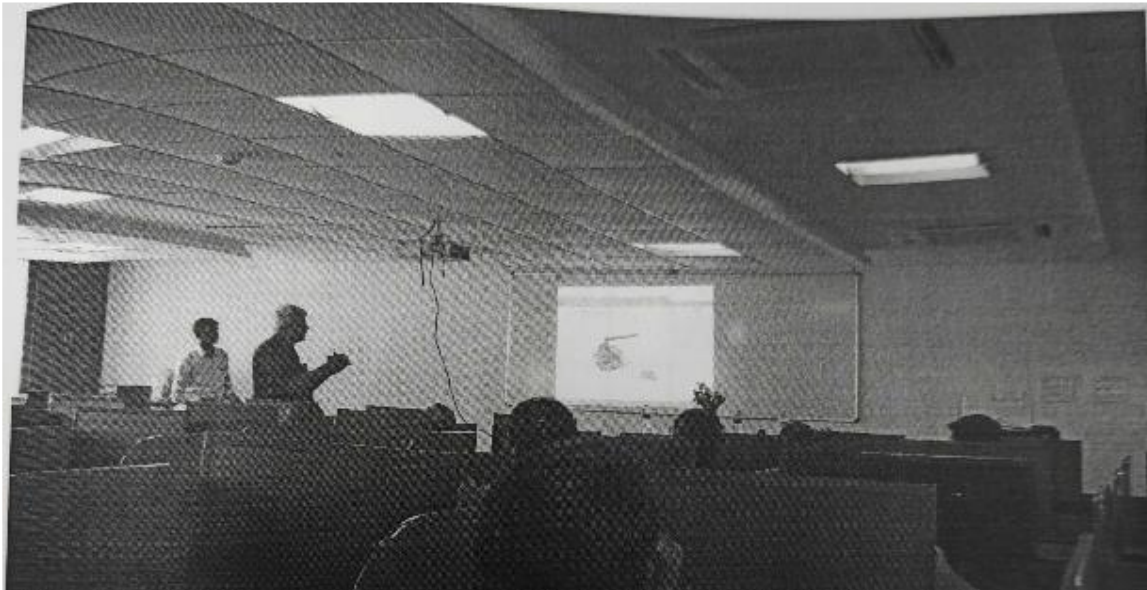
Topic:Dsp Architecture and programming

Resource Person:Dr.R.vijayarajeswaran vi microsystems

Date:1.11.17 to 3.11.17

Our ECE department has organized three days fdp on dsp architecture and programming.The resource person has explained in detail .A digital signal processor (DSP) is a specialized microprocessor chip, with its architecture optimized for the operational needs of digital signal processing. DSPs are fabricated on MOS integrated circuit chips. Digital Signal Processors (DSP) take real-world signals like voice, audio, video, temperature, pressure, or position that have been digitized and then mathematically manipulate them. A DSP is designed for performing mathematical functions like "add", "subtract", "multiply" and "divide" very quickly.

PHOTO



Photograph taken at 1/11/2017

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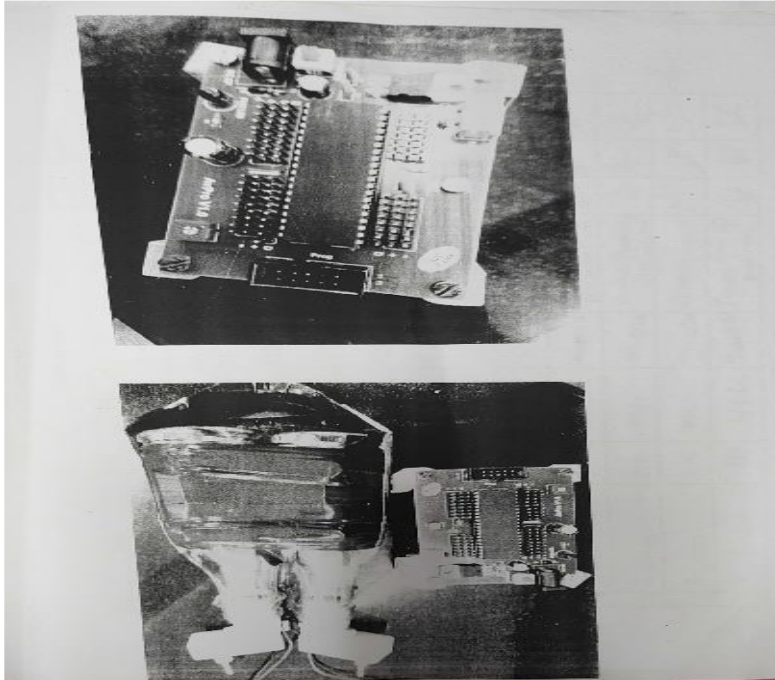
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PHOTO



Photograph taken at 1/11/2017

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ATTENDANCE

Meenakshi Sundararajan Engineering College
Faculty Development Program 01.11.2017 to 03.11.2017
Title : DSP Architecture and Programming

Attendance Sheet

SN	Name	Dept	College	Phone	E-mail ID	Signature		
						01.11.17	02.11.17	03.11.17
1	A. BABIYOLA	ECE	MSEC	9444664866	babiyoia@gmail.com	AB	AB	AB
2	SITIVANANDAN	ECE	MSEC	98843071	Sijimsec@gmail.com	S	S	S
3	NADEENKESH	ECE	MSEC	967719342	meena.jubum@gmail.com	N	N	N
4	B. Saravathy	ECE	MSEC	979922189	b.saravathy.m@gmail.com	B	B	B
5	P. Nirmaladevi	ECE	MSEC	994455009	nirmala.cash@gmail.com	P	P	P
6	N.V. Haritha	ECG	MSEC	986699704	nvharitha@gmail.com	N	N	N
7	G. Gayatri	EEE	MSEC	903543173	Sg.gayatri@gmail.com	G	G	G
8	P. ELANGO VAN	ECE	MSEC	978963826	mailrelangi.m@gmail.com	P	P	P
9	D. KARTHIKA	ECE	MSEC	952000526	karthika.karthika Devi@gmail.com	D	D	D
10	S. Sindhu	ECE	MSEC	805658244	Sindhusathiramesthi@gmail.com	S	S	S
11	A. VELU	ECE	MSEC	9884246749	velu2185@gmail.com	A	A	A
12	K. Rajasree	ECE	MSEC	944446742	Rajasree.raani@gmail.com	K	K	K

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Meenakshi Sundararajan Engineering College
Faculty Development Program 01.11.2017 to 03.11.2017
Title : DSP Architecture and Programming

Attendance Sheet

SN	Name	Dept	College	Phone	E-mail ID	Signature		
						01.11.17	02.11.17	03.11.17
13	PARAJURAMAN P	EEE	MSEC	994435469	rammsec14@gmail.com	[Signature]	[Signature]	[Signature]
14	S. MANIKANDAN	EEE	MSEC	984036654	Sms19ev@gmail.com	[Signature]	[Signature]	[Signature]
15	VANATHI.T	EEE	MSEC	994639978	vanathy.vj@gmail.com	[Signature]	[Signature]	[Signature]
16	SOUNDARABALA S	EEE	MSEC	900227801	bsoundea1977@gmail.com	[Signature]	[Signature]	[Signature]
17	M. Rooba	EEE	MSEC	994052805	sonand@gmail.com	[Signature]	[Signature]	[Signature]
18	D. Hemalatha	EEE	MSEC	994657332	hemalath23@gmail.com	[Signature]	[Signature]	[Signature]
19	Jaan Anita I.P.	EEE	MSEC	995288726	anita.jaanal@gmail.com	[Signature]	[Signature]	[Signature]
20	S. Uma	EEE	MSEC	984095465	S.umamathas@rediffmail.com	[Signature]	[Signature]	[Signature]
21	Deepa . U.	ECE	MSEC	9799868276	deepamaths@gmail.com	[Signature]	[Signature]	[Signature]
22	S. SATHISHKUMAR	EEE	MSEC	97004465	Sathishkumar02@gmail.com	[Signature]	[Signature]	[Signature]
23	S. BALASUBRAMANIAM	EEE	MSEC	984053471	balubala79@gmail.com	[Signature]	[Signature]	[Signature]
24	A. JOSEPHI	EEE	MSEC	9884465338	josephtsra@gmail.com	[Signature]	[Signature]	[Signature]

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ATTENDANCE

Meenakshi Sundararajan Engineering College
Faculty Development Program 01.11.2017 to 03.11.2017
Title : DSP Architecture and Programming

Attendance Sheet

SN	Name	Dept	College	Phone	E-mail ID	Signature		
						01.11.17	02.11.17	03.11.17
25	Noor Khan	ECE	MSEC	9840520091	noorkhan01@gmail.com			
26	M. Manjula	RTH	MSEC	9888080803	manjulawindana@gmail.com			
27								
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National Conference Trends and Transmogrification in Structural Engineering BROCHURE

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Ms. N.Sivaranjani, Assistant Professor
Ms. U.Malini, Assistant Professor



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The learners learn to love their cherished lore.

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NATIONAL CONFERENCE ON TRENDS AND TRANSMOGRIFICATION IN STRUCTURAL ENGINEERING

MARCH 3rd 2018



Organized by
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nctse18.in



About the Conference

With expeditious manifestations in the arena of Structural Engineering, a platform to amalgamate the masterminds that powers research and developments is an absolute prerequisite. National Conference on Trends and Transmogrification in Structural Engineering has been moulded to serve such an ambitious purpose of integrating the ideologies and skillsets of the eminent scholars with the budding generation of researchers. The conference is headed towards exploring the recent inclinations in Structural Engineering with the key spheres concentrated at Composites, Retrofitting, Disaster Resistant Design, Innovative Structural Design and many more. The conference is intended to sow the seeds of innovation and also to emphasize on the current trends in the sector of Structural Analysis and Design.

Paper Submission Guidelines

Authors are requested to send the soft copy of the technical paper in Times New Roman font, size 10 in two column format with number of pages not exceeding 10 to the email: msec2018civil@gmail.com. For the reference format visit nctse18.in. The papers are invited in the following topics

- | | |
|--|--|
| Application of Hydraulic damper systems in steel buildings | Different methods of deep shoring |
| Application of Nano technology in Concrete | Disaster Resistant Design |
| Application of High performance Concrete in Buildings | Durability Assessment of existing building (NDT) |
| Application of Remote Sensing | Ecosystem and Sustainable Development |
| Advancements in Precast segmental constructions and erections | Environmental Impact Assessment (EIA) |
| Classification and application of various construction chemicals | Soil surface interaction problems |
| Climate Change and Adaptation | Top down construction techniques |
| Design criteria for long span industrial building | Town Planning and Management |
| Developments in Pre-Engineering and Construction Methods | and other related topics in Civil Engineering |

About the College

Meenakshi Sundararajan Engineering College (MSEC) established in 2001 by the Indian Institute of Engineering and Technology (IIT) founded by late Prof. K.R.Sundararajan with the vision of becoming a centre of excellence in the field of engineering education. Our Institute offers 6 UG programmes in Civil, CSE, EEE, ECE, Mech, IT and a PG programme in Construction Engineering and Management. Our Institution aims to provide excellent learning facilities by imparting practical training, knowledge and skills to the youth. The college has signed MoU's with research organizations and industries to promote closer interaction in the areas of technology development, student training, curriculum upgradation and establishment of state-of-art-centers of excellence. The spirit of innovation continues to be the hallmark of our institution. Our two former students have made it to the Forbes '30 under 30' which includes individuals whose innovations have been listed among the top 30 innovations in the world.

About the Department

The Department of Civil Engineering was started in the year 2002, offering B.E. Civil Engineering, M.E Construction engineering & Management was started in the academic year 2012-13. The department has adequate infrastructure and modern equipments. We have active industry-institute partnership. The department has an ICI students chapter and has a strong association with CPWD, PWD, TWAD board, Highway department, SERC, CMRL, Chennai Port Trust, Metro Water, L&T, Utraccon Structural Systems, Simplex, Daimler and Langdonseah. Our faculty are invited to give special lectures in engineering colleges, universities and Anna University. Our department also conducts research and design works in the areas of soil testing, material testing, anti-sea erosion measures, sedimentation, hydrographic survey and preparation of reports. Our faculty also conduct training programmes for government institutes like National Water Academy, Pune, Anna Institute of Management and Irrigation Management Training Institute, Trichy.

Keynote Speakers

- Dr. Arivee Sujji Johnson, Professor, Department of Civil Engineering, College of Engineering, Thiruvandur, Kerala
- Dr. R. Ayothiraman, Professor, Geotechnical Engineering, Department of Civil Engineering, IIT Delhi
- Dr. V.Balakumar, Senior Consultant, Simplex, Chennai.
- Dr. K.P.Jaya, Professor and Add. Director, Center for Research, Anna University, Chennai.
- Dr. G.Janardhanan, Associate Professor and Head, Centre for Environment Management, NITTR, Chennai.
- Dr. Kamalakannan K.K., Managing Director, Utraccon Structural Systems Pvt.Ltd, Chennai.
- Dr. J.S.Padmansabhan, Structural Consultant, Jayam Consultancy Private Limited, Chennai.
- Dr. S.Poongothal, Professor, Department of Civil and Structural Engineering, Annamalai University, Chidambaram
- Dr. K.Premalatha, Professor and Head, Division of Soil Mechanics and Foundation Engineering, CEG, Chennai
- Dr. PSachithanantham, HOD, Department of Civil Engineering, Sri Lakshmi Ammal Engineering College, Thiruvancher.
- Dr. PSaiprasad, Chief Scientific Officer, TNPCB, Chennai.

Technical Committee

- Dr. DelliBabu Sekar, Structural Consultant, Chennai.
- Dr. H.Jane Helena, Associate Professor, Division of Structural Engineering, CEG, Anna University, Chennai.
- Dr. Madasamy Arockiasamy, Department of Civil, Environmental and Geomatics Engineering, FAU College of Engineering, Florida
- Dr. R.Panner Selvam, Professor, Ocean Department, IIT Madras.
- Dr. J.Praskasam, Joint General Manager Tracks, CMRL.
- Dr. PB.Sakthivel, Professor, Department of Civil Engineering, Vei Tech High Tech, Chennai.
- Dr. K.PSudheer, Professor, Environmental and Water Resources Engineering Division, IIT Madras.
- Dr. Thirumalini, Associate Professor, Department of Civil Engineering, IIT University, Vellore.
- Dr. T.Uthra, Scientist F, Integrated Coastal and Marine Area Management Project Directorate (ICMAM), Chennai
- Prof. K.Vijaya Bhaskar Raju, Director, Off-Campus, Bengaluru, GU, GITAM University, Hyderabad

Key Dates

- Submission of abstract on or before : 12th Feb '18
- Intimation of acceptance of abstract : 15th Feb '18
- Submission of full paper on or before : 20th Feb '18
- Acceptance of full paper and schedule of the conference to be released : 25th Feb '18

The extended version of high quality research papers will be published in peer reviewed reputed journals.

Registration Details

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REPORT

With expeditious manifestations in the arena of Structural Engineering, a platform to amalgamate the masterminds that powers research and developments is an absolute prerequisite. National Conference on Trends and Transmogrification in Structural Engineering has been moulded to serve such an ambitious purpose of integrating the ideologies and skillsets of the eminent scholars with the budding generation of researchers. The conference is headed towards exploring the recent inclinations in Structural Engineering with the key spheres concentrated at Composites, Retrofitting, Disaster Resistant Design, Innovative Structural Design and many more. The conference is intended to sow the seeds of innovation and also to emphasize on the current trends in the sector of Structural Analysis and Design.





MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE



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Website : www.msec.edu.in

BASIC MS WORD & MS EXCEL

INVITATION

Administrative training
program for
Non Teaching Staffs

Basic
MS word
&
MS excel



**S.PRISKILLA
MANONMANI**

DATE :
11/04/2018

Venue:
Meenakshi Sundararajan
Engineering College
IT Seminar Hall



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

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Website : www.msec.edu.in

REPORT

Topic: Basic MS word and MS excel
Inaugurated on: 11.04.2018
Chief Guest: S.PRISKILLA MANONMANI

IT /MSEC

Career guidance program on BASIC MS word and MS excel was conducted with the principal aim of making the skills of the faculties stronger in using those tools. Nowadays, knowing excel, word and other MS office tools is a basic requirement as it helps in making their work much better. It reduces the complexity of the work done by them.



Photograph taken at 11.04.2018

PRINCIPAL
MEENAKSHI SUNDARARAJAN ENGINEERING COL
363, ARCOT ROAD, KODAMBAKKAM
- CHENNAI-600 026



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Website : www.msec.edu.in

CIRCULAR

Administrative training program on BASIC MS word and MS excel on 11.04.2018 by **S.PRISKILLA MANONMANI/IT** for non teaching staffs of Meenakshi Sundararajan Engineering college. In this all faculties are invited to attend without fail.

Venue: IT SEMINAR HALL
Time: 10.00 am

PRINCIPAL
MEENAKSHI SUNDARARAJAN ENGINEERING COL
363, ARCOT ROAD, KODAMBAKKAM
- CHENNAI-600 024

Principal



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Website : www.msec.edu.in

ATTENDANCE

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
Administrative Training Program for Non Teaching Staffs
Basics of MS word and MS excel

DATE: 11.04.2018

S.NO	NAME	SIGNATURE
1	Mr.T.R.Sundaram	
2	Mrs.V.Ramadevi	
3	Mrs.P.Vatchala Devi	
4	Mrs.V.Kanchana	
5	Mrs.S.Sureswathi	
6	Mr.E.Selvakumar	
7	Mrs.N.Lalitha	
8	Mrs.Vaidehi Sridhar	
9	MR.K.Premkumar	
10	Mr.Sureshkumar	
11	Mr.E.Rajkumar	
12	Mr.P.Sivaranja	
13	Mrs.S.Sunila	
14	Mrs.S.Rajalakshmi	
15	Mr.C.S.Raju	
16	Mr.P.Swaminathan	
17	Mrs.K.Neelavathi	
18	Mr.A.Vijayan	
19	Mr.P.Vijayan	
20	Ms.Annamayil	
21	Mr.C.Sampath	
22	Ms.Sadhana	
23	Mr.M.Sagayam	
24	Mr.M.Maria Francis	
25	Mr.S.Shanmugasundaram	
26	Mr.M.Jayaraman	
27	Mr.C.H.Devadas	

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to Anna University email Id: principal@msec.edu.in

Website : www.msec.edu.in

FDP ON MAT LAB

Academic Year:2017-18

A FDP was organized by the department of IT on the topic of MAT LAB for the faculties of CSE, IT, ECE and EEE department on 16th APRIL 2018 by Mr. KAZI YASES AZAFAT, DESIGN TECH SYSTEMS LTD. The FDP was conducted in LAB 6 OF IT DEPARTMENT with the Introduction about the resource person and the detailed overview of FDP.

Objective:

The Faculty Development Program (FDP) aims at deliberation, sharing knowledge to the target audience about the significance of MATLAB Tools and its application and present current research opportunities in this field. The discussion shall foster inter-disciplinary collaborative research in MATLAB Tools and its application. Also this program provides an excellent opportunity to exchange ideas on the topics of importance along with thought provoking technical sessions.

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Website : www.msec.edu.in

Invitation



MEENAKSHI SUNDARARAJAN ENGINEERING
COLLEGE

No: 363, Arcot Road, Kodambakkam,
Chennai-600024

cordially invite you to the

FDP ON MAT LAB

ON 16th APRIL 2018 AT

LAB-6 IT DEPARTMENT

in an APRIL presence of

**DR. K S BABAI
SECRETARY**

Mr.KAZI YASES AZAFAT

DESIGN TECH SYSTEMS LTD

Will be the resource person

Dr. Suresh P

Principal, Felicitates

Dr. K UMARANI

Dean Academics

Welcomes the gathering



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

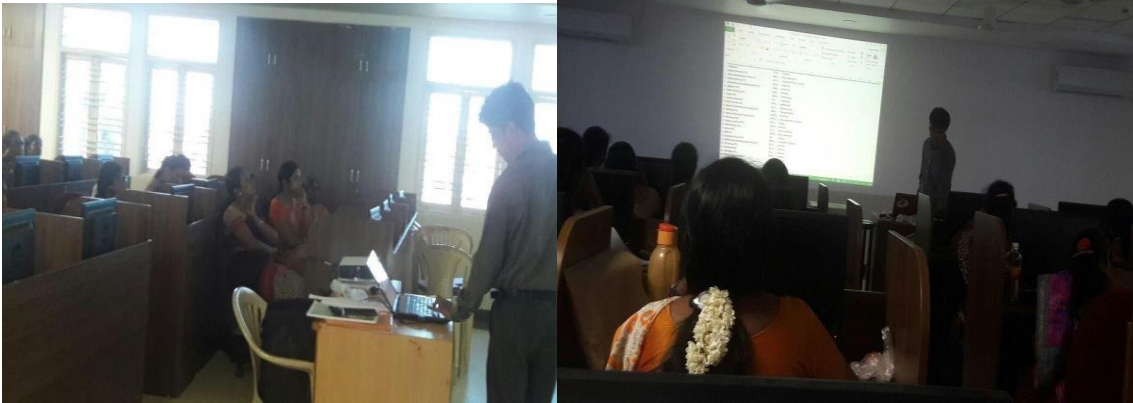
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to Anna University email Id: principal@msec.edu.in

Website : www.msec.edu.in

Report:

The speaker started the session by giving introductory to IDE (Interactive MATLAB Environment). Then he explained the importance and scope of the MATLAB for modelling and simulation of systems. Then the session was concerned with introducing the use of variables and expressions to be used in MATLAB. This ensured the participants to write system equations and how to convert those mathematical formulations into MATLAB scripts. After converting ideas into mathematical models, the researcher needs to visualize the results of simulations. This may be possible by exploring the effects of various governing system parameters by having graphical outputs and then interpretation of the results can be enhanced through very powerful plotting capabilities of MATLAB. Then he talked on plotting and graphics functions used in MATLAB and for script writing with various in-built graphics functions of MATLAB.



Photograph taken on 16.4.2018

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to Anna University email Id: principal@msec.edu.in

Website : www.msec.edu.in

Attendance:

Meenakshi Sundararajan Engineering College
363, Arcot Road, Kodambakkam, Chennai 600024
Department Of Information Technology
Association Of Information Technology (AIT)

FACULTY DEVELOPMENT PROGRAM
ON
MAT LAB

ATTENDANCE SHEET DATE: 16-04-18

SNO.	NAME OF THE FACULTY	DESIGNATION	SIGNATURE
1.	A. HANUMANTHI	Assoc. Prof	[Signature]
2.	B. MAHALAKSHMI	AP/IT	[Signature]
3.	S. PRISKILLA MANONHANI	AP/IT	[Signature]
4.	AKILA R.	AP/IT	[Signature]
5.	DEEPA. M.	AP/ECE	[Signature]
6.	M.K. SANDHYA	ASSOC. PROF/CSE	[Signature] 16/4/18
7.	S. AARTHI	AP/CSE	[Signature] 16/4/18
8.	C. JERIN MAHIBHA	AP/CSE	[Signature] 16/4/18
9.	M. SUMITHRA	AP/CSE	[Signature] 16/4/18
10.	R. SRI GOKULAM	AP/CSE	[Signature] 16/4/18
11.	V. SUNDARI	AP/CSE	[Signature] 16/4/18
12.	R. Venkatesh	AP/CSE	[Signature] 16/4
13.	H. Karagalahalli	AP/EEE	[Signature] 16/4

SNO.	NAME OF THE FACULTY	DESIGNATION	SIGNATURE
14	VANATHI.T	AP/EEE	[Signature]
15	R. Gayathri	AP/IT	[Signature]
16	M. SARALA SHOBINI	AP/ET	[Signature]
17	YAMUNA. S	AP/CSE	[Signature]
18	M. MANJULA	AP/ECE	[Signature]
19	N. MEENAKSHI	AP/ECE	[Signature]
20	A. BABTYOLA	Assoc. Prof / EEE	[Signature]
21	SIT. S.	AP/ECE	[Signature]
22	N.V. HARITHA	AP/EEE	[Signature]
23	F.A. JOAN ANITA	AP/EEE	[Signature]
24	A. SHAJI	AP/IT	[Signature]
25	N. Mathani	AP/IT	[Signature]

[Signature]
HOD SIGNATURE

[Signature]
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Website : www.msec.edu.in

Feedback form:

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
DEPARTMENT OF INFORMATION TECHNOLOGY
FACULTY DEVELOPMENT PROGRAM
FEEDBACK FORM

Date: 16-4-18

Name of participant: AKILA.K - AP/IT

Title: FDP ON MATLAB

Your feedback is important for planning future programming. Thank you.

4 = Excellent 3 = Very Good 2 = Good 1 = Fair 0 = No opinion

Circle your response

1. The FDP met my expectations. 4 (3) 2 1 0

2. The content was helpful and was on par with current trends. 4 (3) 2 1 0

3. The speaker had a good understanding of the topics. (4) 3 2 1 0

4. The instructors encouraged interaction and were helpful 4 (3) 2 1 0

5. Will you implement the learning from the program in your regular (4) 3 2 1 0
teaching and research work.

PRINCIPAL
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MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
DEPARTMENT OF INFORMATION TECHNOLOGY
FACULTY DEVELOPMENT PROGRAM
FEEDBACK FORM

Date: 16.4.18

Name of participant: Dr. M.K. Sandhya (CSE)

Title: FDP on Matlab

Your feedback is important for planning future programming. Thank you.

4 = Excellent 3 = Very Good 2 = Good 1 = Fair 0 = No opinion

Circle your response

1. The FDP met my expectations. 4 (3) 2 1 0

2. The content was helpful and was on par with current trends. 4 (3) 2 1 0

3. The speaker had a good understanding of the topics. 4 (3) 2 1 0

4. The instructors encouraged interaction and were helpful (4) 3 2 1 0

5. Will you implement the learning from the program in your regular teaching and research work. 4 (3) 2 1 0

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PROFESSIONAL DEVELOPMENT/ADMINISTRATIVE TRAINING PROGRAM 2016-2017

INDEX

S.NO	CONTENTS	PAGE NO
1	Two days workshop on Basics of MS Word and MS Excel	1-4
2	Entrepreneurship & Engineering Studies	5-8
3	Multidisciplinary Programme On Transportation Engineering	9-12
4	Recent Trends in Embedded Controllers used in Renewable Energy System & Internet of Things	13-19
5	Online Library Software	20-24
6	International Conference on Construction in Civil Engineering	25-30
7	Digital Technology	31-35



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Administrative training program for non teaching staffs WORKSHOP ON BASICS OF MS WORD AND MS EXCEL INVITATION



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

Approved by AICTE, Affiliated to Anna University and Accredited by NBA for programs applied.



Inviting you to join the

2 Days|Workshop on



"Basics of MS Excel and MS Word"

ADMINISTRATIVE TRAINING PROGRAM FOR NON TEACHING STAFFS

Guest Speaker : R.Gayathri IT,MSEC



07-07-2016 and 08-07-2016



1 p.m.



363, Arcot Road, Kodambakkam, Chennai-600024.



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044-2480 1636



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REPORT

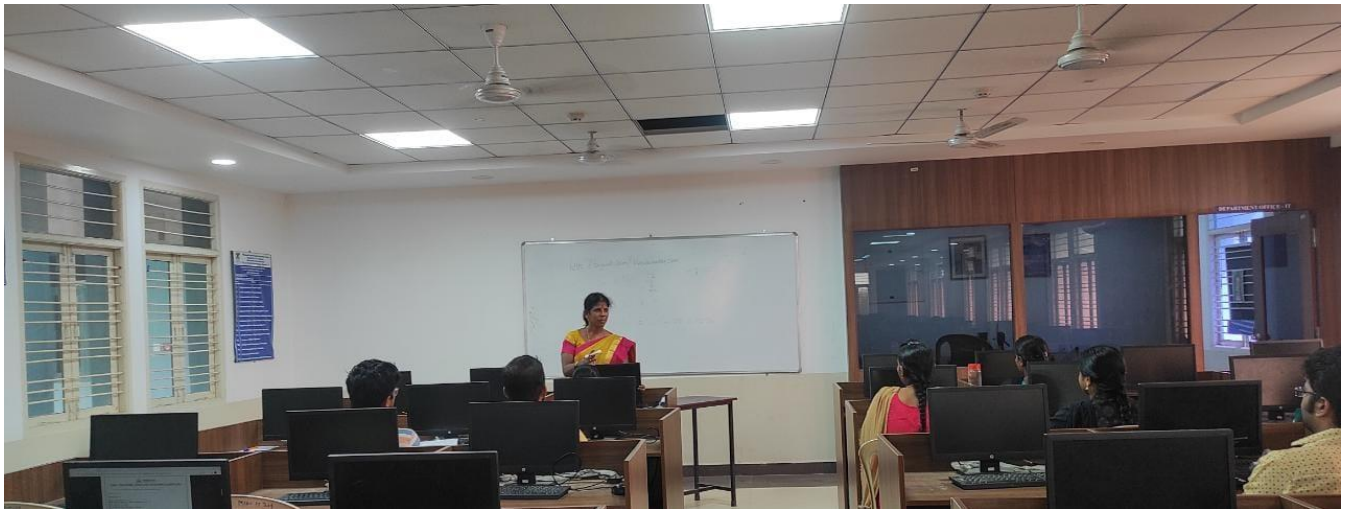
Topic: MS office

Inaugurated on: 7th July, 2016

Chief Guest: R.GAYATHRI

IT /MSEC

Administrative training program on MS office was conducted with the principal aim of making the skills of the faculties stronger in using those tools. Nowadays, knowing excel, word and other MS office tools is a basic requirement as it helps in making their work much better. It reduces the complexity of the work done by them.



Photograph taken at 7th july 2016

PRINCIPAL
MEENAKSHI SUNDARARAJAN ENGINEERING COL
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CIRCULAR

Administrative training program on MS OFFICE on 07.08.2016 by **R.GAYATHRI/IT**

for non teaching staffs of Meenakshi Sundararajan Engineering college. In this all faculties are invited to attend without fail.

Venue: KRS SEMINAR HALL

Time: 3.00 pm

PRINCIPAL
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Principal



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Website : www.msec.edu.in

ATTENDANCE

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

Administrative Training Program for Non Teaching Staffs
Basics of MS word and MS excel

DATE: 07.07.2016

ATTENDANCE		
S.NO	NAME	SIGNATURE
1	Mr.T.R.Sundaram	
2	Mrs.V.Ramadevi	
3	Mrs.P.Vatchala Devi	
4	Mrs.V.Kanchana	
5	Mrs.S.Saraswathi	
6	M.E.Selvakumar	
7	Mrs.N.Lalitha	
8	Mrs.Vaidehi Sridhar	
9	Mrs.M.Sharada	
10	Mr.T.Saravanan	
11	Mr.E.Rajkumar	
12	Mr.Rajiv Gandhi	
13	Mrs.S.Susila	
14	Mrs.S.Bajalakshmi	
15	Mr.C.S.Raju	
16	Mr.P.Swaminathan	
17	Mr.Gowtham	
18	Mr.M.Vijay	
19	Mrs.K.Neelavathi	
20	Mrs.V.Vijayan	
21	Mr.P.Vijayan	
22	Mr.C.Sampath	
23	Mr.M.Sagayam	
24	Mr.M.Maria Francis	
25	Mr.S.Shanmugasundaram	
26	Mr.M.Jayaraman	
27	Mr.C.H.Devadass	

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Website : www.msec.edu.in

FDP ON ENTREPRENEURSHIP & ENGINEERING STUDIES

INVITATION

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
363, Arcot Road, Kodambakkam, Chennai-24

CORDIALLY INVITE YOU TO THE
Faculty Development Program
on
Entrepreneurship & Engineering Studies
by
Karthi Vivek
CEO Neo Light

Date : 15/12/2016 - 17/12/2016
Venue : ECE Seminar Hall



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

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principal@msec.edu.in

Website : www.msec.edu.in

REPORT

Topic:Entrepreneurship & Engineering Studies

Resource Person:Mr.Karthi Vivek

Date:15.12.16 to 17.12.16

Our ECE department has organized three days fdp on **Entrepreneurship & Engineering Studies**.The resource person has explained in detail about the program.

The focus of the program is on the design of new products or technology that will be commercialized or made available to have community impact for engineers who aspire to start companies. The program requirements encourage the development of high-level communication skills and the development of a wealth of transferable skills that will be useful by graduates regardless of their ultimate career trajectory. These learning outcomes will be supported at all levels of the program requirements through the evaluation and mentorship of professors, advisors, peers, startup project committee members, and external mentors and coaches.



Photograph taken at 15/12/2016

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PHOTO



Photograph taken at 15/12/2016


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ATTENDANCE



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Website : www.msec.edu.in

ATTENDANCE
TOPIC: ENTREPRENEURSHIP AND ENGINEERING STUDIES
DATE: 15-12-2016 TO 17-12-2016

S.NO	NAME	SIGNATURE
1	ANGEL ESTHER RANI	
2	Mary Lily	
3	S. R. Subramanian	
4	Ko Nooruzaman Khan	
5	M. DEEPA	
6	R. Nirmala Devi	
7	S. Sathesh Kumar	
8	R. Lalitha	
9	J.P. Padmasri	
10	S. Seethalakshmi	
11	B. SRIVIDYA	
12	SITI SIVAVANDAN	
13	S. Lakshmi Devi	
14	M. Manjula	
15	J. Sujee	
16	A. Joseph	
17	K. Santhosh Kumar	
18	J. Sindhu	
19	B. Saravathy	
20	A. Babiyola	
21	M. A. Sathyaiah	
22	M. DIVYA	
23	K. DEEPAK	

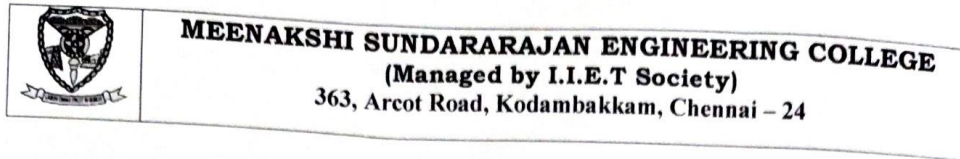


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Website : www.msec.edu.in

FDP ON TRANSPORTATION ENGINEERING

Permission Letter



From

The Head of the Department,
Department of Civil Engineering,
Meenakshi Sundararajan Engineering College,
Chennai 600024

To

The Secretary
Meenakshi Sundararajan Engineering College,
Chennai 600024

Respected Madam,

Sub: Permission to conduct Faculty Development Programme – reg.

The Department of Civil Engineering is planning to conduct a Faculty Development Programme on Transportation Engineering from 12th December to 14th December 2016. The main aim of the FDP is to integrate the ideologies and skillsets of the eminent scholars with the budding generation of researchers. At this juncture, on behalf of the department, we require your permission to conduct the FDP.

Thank You

Yours faithfully,

Date: 29.11.2016

Place: Chennai

PRINCIPAL
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363, ARCOT ROAD, KODAMBAKKAM
CHENNAI-600 024



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email Id: principal@msec.edu.in
Website : www.msec.edu.in

Invitation

Correspondent: Dr.K.S.Lakshmi

Secretary: Dr.K.S.Babai

Principal: Dr. P.K. Suresh

Our Staff Members

1. Prof. V.S. Sampath, HOD Civil
2. Dr. L. Ramajeyam, Dean Civil
3. Mrs. U. Nirmalambal
4. Mr. R. Arivazhagan
5. Mrs. M. Malini Gayathri
6. Mrs. K. Nithya
7. Mrs. N.S. Anwaya
8. Mrs. Y.N.V.S. Archana
9. Ms. T.P. Kavitha Selvam
10. Mrs. N. Sivaranjani
11. Mrs. R.K. Jayanthi
12. Mr. S. Saravanan
13. Mr. D. Yuvaraj
14. Dr. V. Balakumar, visiting faculty
15. Mr. Sriram, visiting faculty
16. Mr. Jayakar David, visiting faculty

Coordinators

Mr. R. Arivazhagan
Mr. S. Saravanan

Faculty Development Programme on Transportation Engineering

12 - 14 December 2016



Organized by

Department of Civil Engineering
MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
363, Arcot Road, Kodambakkam, Chennai, Tamil Nadu
600024
www.msec.edu.in

PROGRAMME

DAY 01: 12-12-2016 (Monday)

Topic: Design and Engineering Standards for Airport Terminal and Runway

Speaker: Er.Kamalakaran, Director, Utracon Structural Systems Private Limited

Session 1: 10 AM to 12 PM

Lunch: 12 PM to 1 PM

Session 2: 1 PM to 3 PM

Venue: CADD Lab, Civil Engineering Block, Meenakshi Sundararajan Engineering College, Chennai

DAY 02: 13-12-2016 (Tuesday)

Topic: Tunneling

Speaker: Er.K.Prakasam, JGM, Tracks, CMRL

Session 1: Construction and Equipments involved in CMRL Tunneling Project

Time: 9 AM to 10 AM

Session 2: Tracks, Yard and Signalling System

Time: 11 AM to 12 PM

Lunch: 12 PM to 1 PM

Session 3: Tunnel Visit

Time: 1 to 4 PM

Venue: Mount Road Site, Chennai

DAY 03: 14-12-2016 (Wednesday)

Topic: Harbour Facilities and Marine Survey

Speaker: Dr.Manikam, Superintendent Engineer, Chennai Port Trust

Session 1: Harbour Facilities and Marine Survey Lecture

Time: 9 AM to 11:30 AM

Lunch: 11:30 AM to 12 PM

Session 2: Field Visit – Container Terminal, Tide Station and Marine Survey

Time: 12 PM to 3 PM

Venue: Chennai Port Trust

ABOUT THE PROGRAMME

Transportation is used to move people and goods from one place to another and it is very essential for the development of the civilization. To promote public transportation and to reduce vehicle load, accidents, energy consumption in the roadways, Metro rail projects are being implemented in major metro cities in India. Air and water transportation improves the lifestyle and economic growth of the country and the planning, design and implementation of these humongous projects deal a lot of study. The main objective of this programme is to emphasize this significance to explore the study required in successful implementation of these projects and it is accomplished by focusing the challenges and issues in view to create a research ambience among the faculty members.

ABOUT THE DEPARTMENT

The department of Civil Engineering was established in the year 2002. It has a separate block equipped with all facilities and labs such as Soil Mechanics Lab, Fluid Mechanics Lab, Survey lab, Concrete Technology Lab, Geology Lab, PG Computer Lab and also a CADD Lab with a spacious drawing hall. Civil Department comprises of Bachelor of Engineering course in Civil Engineering and Master of Engineering course in Construction Engineering and Management. The department has a separate ICI (Indian Concrete Institute) students chapter and has a strong association with PWD, Highway Department, TWAD, SERC, CMRL, Chennai Port Trust, Metro Water, L&T, Utracon Structural Systems, and Langdonseah. This department conducts various technical seminars, conferences, workshops and faculty development programme at regular intervals apart from academic curriculum to make both students and staffs updated with latest research areas and trends in the civil engineering field. As a part of this continuing trend, this faculty programme is implemented to enrich the teachers with skill and knowledge, which in turn is used to cultivate and nurture research attitude among the students.

PRINCIPAL

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
363, ARCOT ROAD, KODAMBAKKAM,
CHENNAI-600 024



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

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Photo




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Faculty Development Programme on Transportation Engineering

Attendance Sheet

Date: 12/12/2016

S.No	Name of the Staff	Signature		
		Day 1	Day 2	Day 3
1	Dr.P.K Suresh			
2	Dr.L.Ramajeyam			
3	Mrs.U.Nirmalambal			
4	Mr.R.Arivazhagan			
5	Mrs.G.Anbuneema			
6	Mrs.Malini Gayathri			
7	Mrs.K.Nithya			
8	Mrs.Anwaya N S			
9	Mrs.T.P.Kavitha Selvam			
10	Mr.S.Saravanan			
11	Dr.V.Balakumar			


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FDP ON RECENT TRENDS IN EMBEDDED CONTROLLERS USED IN RENEWABLE ENERGY SYSTEM & IOT

BROCHURE

Faculty Development Programme on Recent Trends in Embedded controllers used in Renewable Energy System & Internet of Things - IoT
21 - 23 December 2016

Correspondent: Dr. K.S. Lakshmi
Secretary: Dr. K.S. Bala
Principal: Dr. P.K. Suresh
Dean Academics: Dr. K. Umashri

Our Staff Members

1. Mrs. K. Rajeswari, HOD EEE	14. Mrs. Siji Sivanandan, HOD ECE
2. Mrs. M. Rooba	15. Dr. A. Babiyola
3. Mrs. N.V. Radha	16. Mr. S. Balasubramanian
4. Mrs. S. Uma	17. Mrs. N. Moenakshi
5. Mr. G. Sathuraman	18. Mrs. S. Saraswathy
6. Mrs. T. Varathi	19. Mrs. M. Manjula
7. Mrs. G. Gayatri	20. Mr. A. Joseph Sathiasathesan
8. Mr. S. Manikandan	21. Mr. S. Prabhakaran
9. Mr. F.A. Joan Anita	22. Mrs. M. Deepa
10. Ms. P. Brinda	23. Mr. M.A. Sankarsh
11. Mr. P. Ponmurugan	24. Mrs. M.P. Divya
12. Mr. K. Shuker	25. Mrs. B. Angela Esther Rani
13. Mrs. D. Hemalatha	26. Mr. M. Neeluzamankhan
	27. Mr. S. Balasundaram
	28. Mr. S. Satheesh Kumar
	29. Mr. A. Vela
	30. Mrs. R. Lakshmi
	31. Ms. S. Sindhu
	32. Ms. J.R. Padmasri
	33. Mr. P. Manivannan
	34. Mr. S. Otheemoorthy
	35. Mrs. R. Nirmala Devi
	36. Mrs. R. Lakshmi Madhavan

Coordinators
Mrs. S. Uma
Mrs. G. Gayatri
Mrs. S. Saraswathy
Mrs. M.P. Divya

Organized by
Department of
ELECTRICAL & ELECTRONICS ENGINEERING
&
ELECTRONICS & COMMUNICATION ENGINEERING
MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
363, Arcot Road, Kodambakkam, Chennai 600024 Tamil Nadu
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PROGRAMME

21.12.16

- 11.00 - 12.00 - Introduction
- 12.00 - 01.00 - Presentation by Dr.R.Vijayarajewaran .M.B. - VI M.Sc. on "Recent Trends in Embedded controllers used in Renewable Energy System & Control and Monitoring Setup"
- 1.00 - 1.30 - Presentation by Mr.Benil on SCADA based Switch Gear System
- 1.30 - 1.45 - Break
- 1.45 - 4.00 - Demonstration & Hands on Training for SCADA based Switch Gear Setup

22.12.16

- 9.30 - 10.00 - Presentation by Mr.Benil on "SOLAR Based Power Generation"
- 10.00 - 11.30 - Demonstration of SOLAR based Power Generation
- 11.30 - 11.45 - Break
- 11.45 - 01.00 - Hands on Training on SOLAR Based Power Generation setup
- 01.00 - 01.30 - Lunch Break
- 01.30 - 02.30 - Presentation by Dr.R.Vijayarajewaran on IoT
- 02.30 - 03.00 - Presentation by Mr.Bhagavathi on IoT setup
- 03.00 - 03.15 - Break
- 03.15 - 05.00 - Demonstration & Hands on Training on Model based design & Interfacing realtime world with sensors

23.12.16

- 9.30 - 11.30 - Demonstration & Hands on Training on Interfacing Zigbee and WiFi modules
- 11.30 - 11.45 - Break
- 11.45 - 02.00 - Demonstration & Hands on Training on Implementation of IoT application with Mobile App & IoT gateway

ABOUT THE PROGRAMME

The widespread application of Renewable Energy Sources (RES) require centralized monitoring and controlling System. Development of an embedded system is need to today's world due to characteristics of embedded system like low cost, low power consumption, small size etc. Development of embedded system for the renewable energy source which is distributed at various locations is a challenging task for developer.

The internet of things (stylized internet of Things or IoT) is the internetworking of physical devices, vehicles (also referred to as "connected devices" and "smart devices"), buildings, and other items—embedded with electronics, software, sensors, actuators, and network connectivity that enable these objects to collect and exchange data. It encompasses technologies such as smart grids, smart homes, intelligent transportation and smart cities.

ABOUT THE DEPARTMENT

The Electrical and Electronics Engineering Department of MSEC commenced in the year 2003. The department lays emphasis on equipping its students with conceptual knowledge and comprehensive technical training to meet the requirements of the industries. The college gives importance for practical training in latest developments & effective student participation in many activities. The events are planned & Organized in a manner to improve the overall personality of the students in various forms.

The department of Electronics and Communication Engineering was started in the year 2001 with the inception of the College. Under the effective guidance of our faculty members, our budding electronic engineers have left no stone unturned. The Department has eight well equipped laboratories with latest hardware and software facilities. The Students of the department are members of various prestigious professional societies like IEEE, IETE and IETE and regularly attend seminars, workshops & conferences to update their knowledge.

This faculty programme focuses on developing the teachers skill and knowledge which in turn is used to cultivate and nurture research activities.

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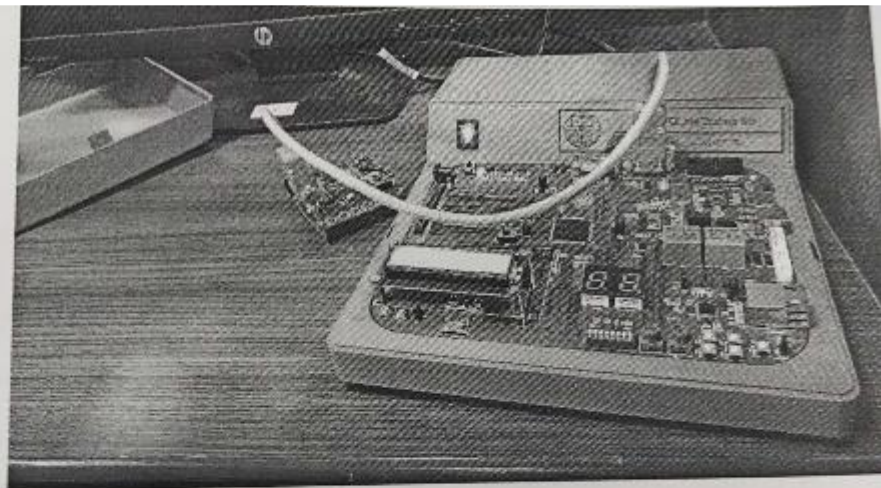
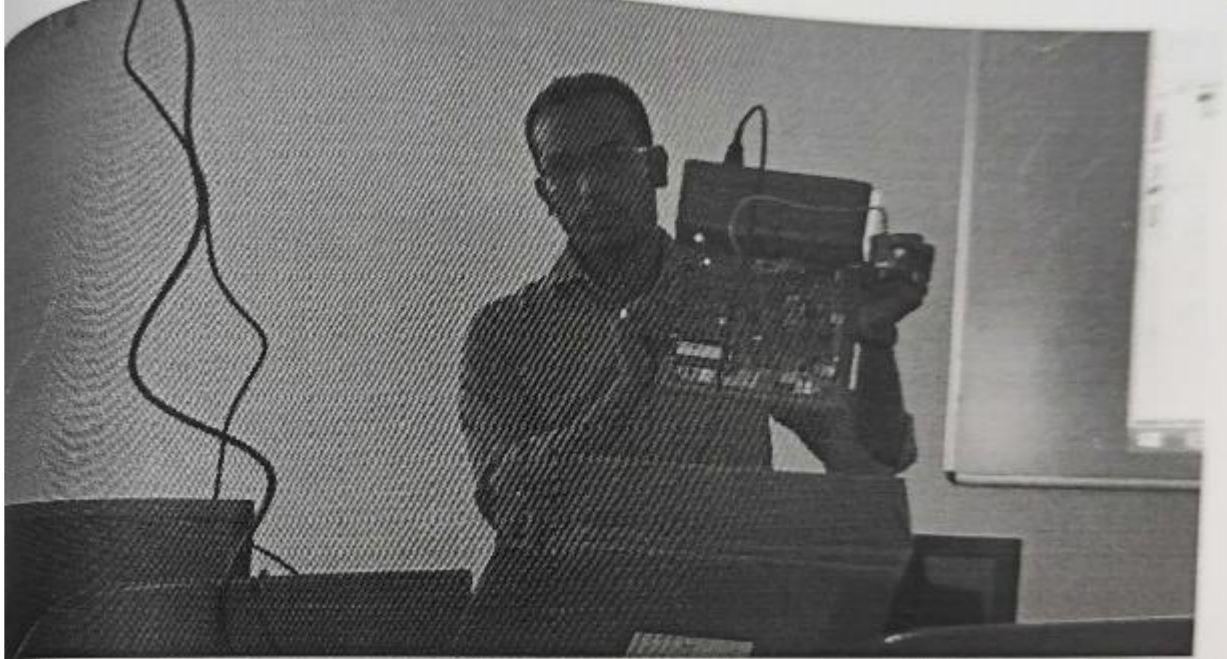
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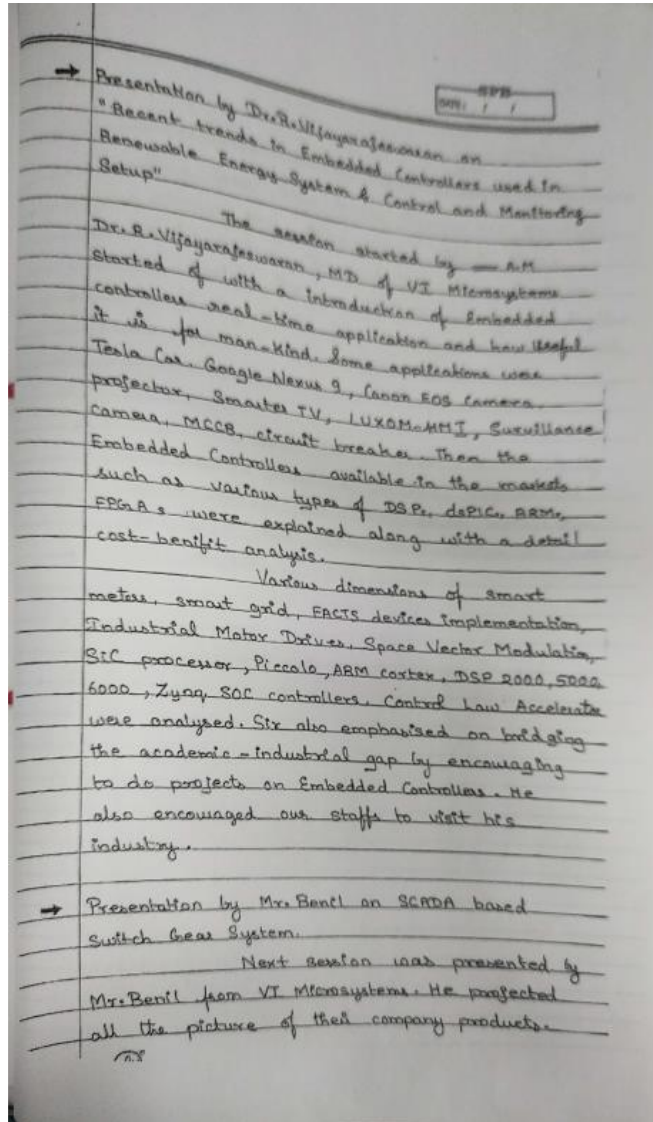
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REPORT



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ATTENDANCE

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FACULTY DEVELOPMENT PROGRAMME
DEPARTMENT OF IES
ATTENDANCE SHEET

S.NO	NAME	E-mail id	21/12/16	22/12/16 FN	22/12/16 AN	23/12/16 FN	23/12/16 AN
1	Mrs Siji Sivanandan	siji@msec@gmail.com	Sp	Sp	Sp	Sp	Sp
2	Dr. A. Babiyola	babiyola@gmail.com	AB	AB	AB	AB	AB
3	S. Balasubramanian	Paul.balasubramanian@gmail.com	S.Bal	S.Bal	S.Bal	S.Bal	S.Bal
4	Mrs. N. Meenakshi	meenakshi.kumar@gmail.com	Me	Me	Me	Me	Me
5	Mrs. B. Saraswathy	b.saraswathy.m@gmail.com	Sar	Sar	Sar	Sar	Sar
6	Mrs. M. Manjula	manjulavindar@gmail.com	Man	Man	Man	Man	Man
7	Mr. A. Joseph Sathiadasa Esra						
8	Mr. S. Prabhakaran	prabhas1422@gmail.com	Pr	Pr	Pr	Pr	Pr
9	Mrs. M. Deepa	deepamohan10@gmail.com	De	De	De	De	De
10	Mr. M.A. Seshalah	maseshalah@gmail.com	Se	Se	Se	Se	Se
11	Mrs M.P. Divya	mpdivya@gmail.com	Div	Div	Div	Div	Div

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FACULTY DEVELOPMENT PROGRAMME
DEPARTMENT OF IES
ATTENDANCE SHEET

S.NO	NAME	E-mail id	21/12/16	22/12/16 FN	22/12/16 AN	23/12/16 FN	23/12/16 AN
12	Mrs. S. Anglia Esther Paul	angliapaul@gmail.com	Ang	Ang	Ang	Ang	Ang
13	Mrs. N. Anuradha	n.anuradha@gmail.com	An	An	An	An	An
14	S. Balasubramanian	balasub@gmail.com	S.Bal	S.Bal	S.Bal	S.Bal	S.Bal
15	Mr. S. Jeevan Kumar	s.jeevan@gmail.com	Jee	Jee	Jee	Jee	Jee
16	Mr. A. Venu	venu.ven@gmail.com	Venu	Venu	Venu	Venu	Venu
17	Mrs. K. Lakshmi	lakshmi.k@gmail.com	Lak	Lak	Lak	Lak	Lak
18	Mrs. S. Sindhu	sindhu.s@gmail.com	Sin	Sin	Sin	Sin	Sin
19	Mrs. J.B. Pallavi	pallavi.jb@gmail.com	Pall	Pall	Pall	Pall	Pall
20	Mr. P. Maheshwar	maheshwar.p@gmail.com	Mah	Mah	Mah	Mah	Mah
21	S. Divya	divya.s@gmail.com	Div	Div	Div	Div	Div
22	Mrs. S. Nirala Devi	nirala.s@gmail.com	Nir	Nir	Nir	Nir	Nir
23	Mrs. S. Lakshmi Madhavan	lakshmi.mad@gmail.com	Lak	Lak	Lak	Lak	Lak



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MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FACULTY DEVELOPMENT PROGRAMME 21.12.16 to 23.12.16
DEPARTMENT OF EEE
ATTENDANCE SHEET

S.NO	NAME	E-mail id	21/12/16	22/12/16 FN	22/12/16 AN	23/12/16 FN	23/12/16 AN
1	Mrs.K.Rajeswari	had.see@msec.edu.in	PR	PR	PR	PR	PR
2	Mrs. M. Rooba	roobaad@gmail.com		M.P.R	M.P.R	M.P.R	M.P.R
3	Mrs. N.V Haritha	nv-haritha@yahoo.com	HCB	HCB	HCB	HCB	HCB
4	Mrs. S.Uma	S.unnamathur@gmail.com	silhu	silhu	silhu	silhu	silhu
5	Mr. G.Sethuraman	sethuvaramanigayatri@gmail.com	sethu	sethu	sethu	sethu	sethu
6	Mrs. T. Vanathi	vanathy.t@yahoo.com	vanathy	vanathy	vanathy	vanathy	vanathy
7	Mrs. G.Gayatri	Sggayatri@gmail.com	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri
8	Mr. S. Manikandan	srn.nsr@gmail.com	Mani	Mani	Mani	Mani	Mani
9	Mrs. F.A Joan Anita	anita.joan.06@gmail.com	Anita	Anita	Anita	Anita	Anita
10	Ms. P. Brinda	brindap6@gmail.com	P.B.L	P.B.L	P.B.L	P.B.L	P.B.L
11	Mr. P.Parasuraman	Parasuraman@gmail.com	P.P.T	P.P.T	P.P.T	P.P.T	P.P.T
12	Mr. K. Bhasker	hase.durg@gmail.com	Bhasker	Bhasker	Bhasker	Bhasker	Bhasker
13	Mrs. D. Hemalatha	hemalathas@gmail.com	D.H	D.H	D.H	D.H	D.H

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
FACULTY DEVELOPMENT PROGRAMME 21.12.16 to 23.12.16
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2	Mrs. M. Rooba	roobaad@gmail.com		M.P.R	M.P.R	M.P.R	M.P.R
3	Mrs. N.V Haritha	nv-haritha@yahoo.com	HCB	HCB	HCB	HCB	HCB
4	Mrs. S.Uma	S.unnamathur@gmail.com	silhu	silhu	silhu	silhu	silhu
5	Mr. G.Sethuraman	sethuvaramanigayatri@gmail.com	sethu	sethu	sethu	sethu	sethu
6	Mrs. T. Vanathi	vanathy.t@yahoo.com	vanathy	vanathy	vanathy	vanathy	vanathy
7	Mrs. G.Gayatri	Sggayatri@gmail.com	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri
8	Mr. S. Manikandan	srn.nsr@gmail.com	Mani	Mani	Mani	Mani	Mani
9	Mrs. F.A Joan Anita	anita.joan.06@gmail.com	Anita	Anita	Anita	Anita	Anita
10	Ms. P. Brinda	brindap6@gmail.com	P.B.L	P.B.L	P.B.L	P.B.L	P.B.L
11	Mr. P.Parasuraman	Parasuraman@gmail.com	P.P.T	P.P.T	P.P.T	P.P.T	P.P.T
12	Mr. K. Bhasker	hase.durg@gmail.com	Bhasker	Bhasker	Bhasker	Bhasker	Bhasker
13	Mrs. D. Hemalatha	hemalathas@gmail.com	D.H	D.H	D.H	D.H	D.H

J. An


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CERTIFICATE


MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
(I I E T SOCIETY)
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C E R T I F I C A T E

This is to certify that Mr./ Ms./ Dr. M. MANJULA has participated in the Faculty Development Program "Recent Trends in Embedded controllers used in Renewable Energy System & Internet of Things - IoT" organised by the Department of Electrical & Electronics and Electronics & Communication Engineering from 21/12/2016 to 23/12/2016

 Mrs. K. Rajeswari HOD / EEE MSEC	 Ms. Siji Sivanandan HOD / ECE MSEC	 Dr. K.S. Babai Secretary MSEC
--	---	--


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Administrative training program for non teaching staffs ONLINE LIBRARY SOFTWARE INVITATION


Meenakshi Sundararajan Engineering College
Approved by AICTE, Affiliated to Anna University and Accredited by NBA for programs applied.

You're invited to,
"Online Library Software"
Administrative Training Program for Non Teaching Staffs

Mr. Hariharan
AutoLib Software Systems

14-02-2017 **1 p.m.**

363, Arcot Road, Kodambakkam, Chennai-600024.
www.msec.edu.in 044-2480 1636 principal@msec.edu.in


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REPORT

Topic: online library software

Inaugurated on: 14th February, 2017

Chief Guest: Mr.Hariharan

AutoLib Software Systems

Online library software provides the faculties with knowledge about the digital libraries present in the internet and library management software. This program was conducted on February 14th in the year 2017. This software integrates all the records of students and manages them systematically. This provides time efficiency and tends to ease the work of faculties. Everybody will have access to the online library software and get insight of the innovations happening around them.



Photograph taken at 14th February 2017

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CIRCULAR

Administrative training program on Library software on 14.02.2017 by **Mr.hariharan,autolib software systems** for non teaching staffs of Meenakshi Sundararajan Engineering college.In this all faculties are invited to attend without fail.

Venue:library system room

Time:3.00 pm

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Principal



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ATTENDANCE

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

Administrative Training Program for Non Teaching Staffs

Online library software

DATE: 14.02.2017

ATTENDANCE		
S.NO	NAME	SIGNATURE
1	Mr.T.R.Sundaram	
2	Mrs.V.Ramadevi	
3	Mrs.P.Vatchala Devi	
4	Mrs.V.Kanchana	
5	Mrs.S.Saraswathi	
6	Mr.E.Selvakumar	
7	Mrs.N.Lalitha	
8	Mrs.Vaidehi Sridhar	
9	Mrs.M.Sharada	
10	Mr.T.Saravanan	

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FEEDBACK



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
#363, Arcot Road, Kodambakkam, Chennai -600024, Tamil Nadu, India

Feedback

Participant Name: P. Sivaraja
College Name: MSEC

Date: 14/2/2017
Department: ECE
Phone:

Please indicate your feedback (✓) to know the Outcomes obtained from this program using the following scale:

4=Extremely High 3 = High 2 = Normal 1 = Average

S.NO	Questions	4	3	2	1
1	How would you rate your learning experience through this event?	✓			
2	How much has the event improved your skills?	✓			
3	How much has this event helped you keep yourself updated with the current trends of the industry?			✓	
4	How much has this event inspired you to research/explore more into the field of technology?		✓		
5	How much has it encouraged you to participate in various events in the future?	✓			

Any other Comments/suggestions:

Sivaraja

Signature with Date

J. S.

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INTERNATIONAL CONFERENCE ON CONSTRUCTION IN CIVIL ENGINEERING

Permission Letter



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
(Managed by I.I.E.T Society)
363, Arcot Road, Kodambakkam, Chennai – 24

From

The Head of the Department,
Department of Civil Engineering,
Meenakshi Sundararajan Engineering College,
Kodambakkam,
Chennai 600024

To

The Secretary,
Meenakshi Sundararajan Engineering College,
Kodambakkam,
Chennai 600024

Respected Madam,

Sub: Permission to conduct International Conference – reg.

The Department of Civil Engineering is planning to conduct International Conference on “Construction in Civil Engineering” on March 16th 2017 (Thursday) in collaboration with Indian Concrete Institute. The main aim of the conference is to provide countless observations on construction engineering and management and the conference is good source for academicians, scientist, industrial experts to share their research and gain knowledge. At this moment, on behalf of the department of civil engineering, we require your permission to conduct the conference.

Thank You,

Yours faithfully,

Date: 04.11.2016

Place: Kodambakkam

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Circular



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

Kodambakkam, Chennai

APPROVED BY AICTE AND AFFILIATED TO ANNA UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING

CIRCULAR

Date: 28/02/2017

It is proposed to conduct **International level conference on 16/03/2017 for II, III, IV year (Civil) Students**. So, all the students are advised to attend the conference.

1. Title : "Construction in Civil Engineering".
2. Time : 08.00AM to 04.05 PM
3. Venue : Srimathy Meenakshi Sundararajan Centenary Seminar Hall

R. Anand
Convenor

K. Manoj Kumar
HOD/Civil

I Year - M. Srinivasan, AP

III year - A. Subhalakshmi

IV year - U. Nirmalanbala
(M. N. Nirmalanbala)
(M. N. Nirmalanbala)

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Brochure

CONFERENCE TOPICS

The papers are invited for the following topics and their sub topics in its civil engineering discipline

- Construction Materials
- Concrete Technology
- Structural systems and its Integration
- Modern Construction Practices
- Safety and Quality in Construction
- Resource Management and Productivity

KEY DATES

Description	Date
Last date of Paper Submission	10-02-2017
Intimation of Acceptance	20-02-2017
Last Date of Registration	28-02-2017


Note To register for the conference, visit - icce17.in

TECHNICAL AND ADVISORY COMMITTEE

Dr.AraveSajidJohnson, Professor, Department of Civil Engineering, College of Engineering, Trivandrum, Kerala
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Prof.K.VijvalhasakarRaju, Director, OIF Campus, Bengaluru, GU, GITAM University, Hyderabad

INTERNATIONAL CONFERENCE ON CONSTRUCTION IN CIVIL ENGINEERING

March 16th 2017 THURSDAY



Organized by DEPARTMENT OF CIVILENGINEERING

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
363, Arcot Road, Kodambakkam, Chennai - 24

Contact Details
9841772127, 9500142633
www.icce17.in

Meenakshi Sundararajan Engineering College founded by late Prof. K.R. Sundararajan, is a fully fledged engineering college, established by Indian Institute of Engineering Technology (IIT) in July 2001. Presently MSEC offers 6 Engineering UG programmes in Civil, Computer Science, Electrical & Electronics, Electronics & Communication, Information Technology, Mechanical Engineering and a P.G. programme in Construction Engineering and Management.

The 15 year old engineering college has been ranked in the top position twice among the various affiliated institutions in Tamil Nadu under Anna University. The college constantly strives to be a center of excellence with the singular aim of producing students of outstanding academic excellence and sterling character to benefit the society through virtues, discipline and commitment.

The department of Civil Engineering was established in the year 2002. The department has an ICI students chapter and has a strong association with CPWD, PWD, TWAD, Highway Department, SERC, CMRL, Chennai Port Trust, Metro Water, L&T, Ultrason Structural Systems, Simplex and Langdonseah. The department conducts various technical seminars, conferences, workshops and faculty development programme at regular intervals to make students and staffs updated with latest research areas in civil engineering field.

The objective of the conference is to hold an open deliberation of the latest trends and development of Construction in Civil Engineering and to make a firsthand assessment of the existing challenges. These kinds of dynamic discussion will not only help us to explore the changes shaping the profession today and in the future but also kindle the thoughts thereby refining our thinking process towards sustainable society. Engineers with enhanced skills and knowledge are needed to interact to increase both technical and communication skills. The international conference provides opportunity for students, research scholars and industrial delegates to express and share their innovative thoughts on their perspectives which provides insight to the society.

Authors are requested to send the soft copy of the technical paper as per IEEE double column format, Times New Roman with a font size of 10 throughout the text including figure caption in A4 size not exceeding 6 pages to the following email address

iccemsec@gmail.com

Chief Patron Dr.K.S.Lakshmi, Correspondent, MSEC

Patron Dr.K.S.Babai, Secretary, MSEC

President Dr.P.K.Suresh, Principal, MSEC

Vice President Dr.L.Ramajeyam, Dean Civil, MSEC

Chairpersons Prof.K.Sampath, HOD & Prof. Civil Department
Dr.K.Umarani, Dean Academic, MSEC

Conveners Mrs.U.Nirmalambal, Mr.R.Arivazhagan, Sr. Asst. Prof. Civil Department
Mrs.M.MaliniGayathri, Asst. Prof. Civil Department

Description	Fees
Academicians, Research Scholars & Participants from Industries	Rs. 750
PG Students	Rs. 500
UG Students	Rs. 500

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Photo Session



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Feedback Form



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE DEPARTMENT OF CIVIL ENGINEERING International Conference on Construction in Civil Engineering 16th March 2017 Feedback Form

Name of the Author[s] : A. PAVIYA

Name of the Institute / Organization : NATIONAL ENGINEERING COLLEGE, KOVILPATTI

1. How useful do you think this event for you?
(Please circle the appropriate number where 1 = not at all useful and 5 = extremely useful)

1	2	3	4	5 ✓
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2. The levels of presentation were appropriate.

1	2	3	4	5 ✓
---	---	---	---	-----

3. Do you think this venue was appropriate?

Yes ✓	No
-------	----

4. Did you receive all the information you required at this venue?

Yes ✓	No
-------	----

5. Based on your experiences at this conference, how strongly would you attend or suggest to someone else to attend future events in our institution?

<input checked="" type="checkbox"/> A. Very Strongly	B. Somehow	C. Not So Strongly	D. Would never recommend
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A. Paviya
Signature of the Author(s)

J. J.
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Attendance Sheet

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
 DEPARTMENT OF CIVIL ENGINEERING
 International Conference on Construction in Civil Engineering
 16th March 2017
 Attendance Sheet

S.No	Name of the author	Institute	Signature
01.	A. PAVIYA	NATIONAL ENGG. COLLEGE, KOVILPATTI	A. Pavaya
02.	N. GIYATHRI	NATIONAL ENGG. COLLEGE, KOVILPATTI	GIYATHRI
3.	Yamini. V	Vels University	Yamini
4.	Bahir Eshan	Vels University	Bahir
5.	R. Lokitha	National Engineering college	R. Lokitha
6.	Bentah.p	MSE - Chennai	T. Sma.
7.	SURJA PRKASH R	Anna Engg college, Chennai	Surja Prakash R
8.	K. B. Palkupathy	MSEC, Chennai - 24	K. B. Palkupathy
9.	K. Rajeevi	MSEC Chennai - 24	K. Rajeevi
10.	Vishnu vasanthan	MSEC Chennai-24	Vishnu
11.	Prareetha. K	MSEC	Prareetha
12.	Sarath kumar. H	MSEC	Sarath
13.	Mohammed Sirguddeen	MSEC	Mohammed
14.	Sardar maula ane	MSEC	Sardar
15.	A N AND	MSEC	A N AND
16.	R - NANDHINI	MSEC	R NANDHINI

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FDP ON DIGITAL TECHNOLOGY

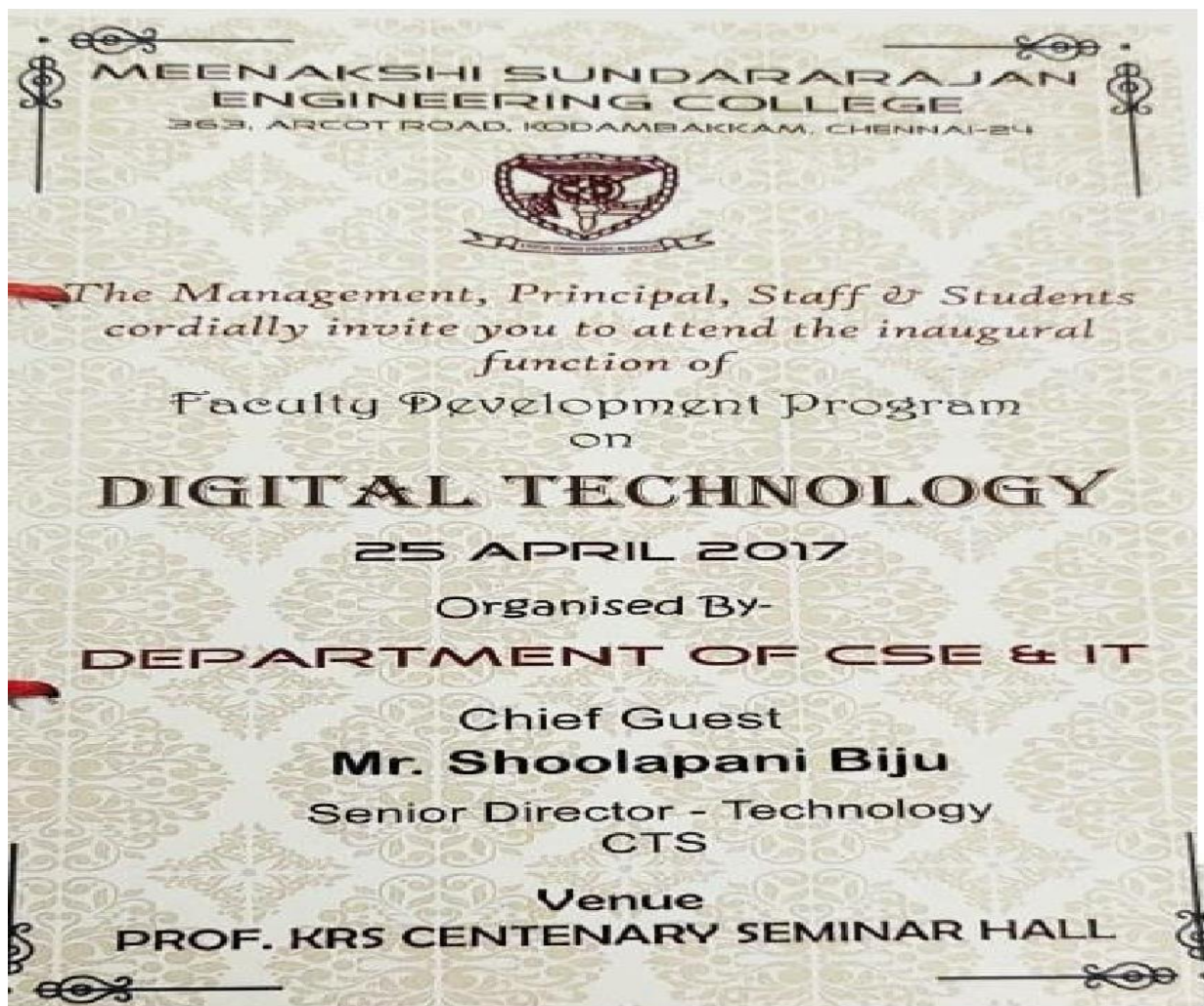
Academic year :2016-2017

A FDP was organized by the department of CSE and IT in Association with **CSI** on the topic of **DIGITAL TECHNOLOGY** for the faculties of CSE, IT, and ECE department on 24th April 2017 by **Mr. SHOOLAPANI BIJU SENIOR DIRECTOR-TECHNOLOGY, CTS**. The FDP was conducted in **PROF.KRS.CENTENARY SEMINAR HALL** with Prayers followed by the Introduction about the resource person and the detailed overview of FDP.

Objective:

The objective of the FDP was to train the faculty members in the use of digital tools for academic purposes, creating research profiles and digital skills which can be used for writing research papers.

Invitation:



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Website : www.msec.edu.in

Mail Conversation:

The screenshot shows an email client interface with the following details:

- Subject:** Fwd: FDP - 25th April
- From:** Monica J, HOD - Computer Science Engineering - Meenakshi Sundararajan Engineering College <hod.cse@msec.edu.in>
- To:** me, Siji, HOD
- Date:** Mon, Apr 24, 2017 at 9:26 AM
- Subject:** Fwd: FDP - 25th April
- From (original):** Internal Quality Assurance Cell - MSEC <iqac@msec.edu.in>
- Date (original):** Mon, Apr 24, 2017 at 9:26 AM
- Subject (original):** Fwd: FDP - 25th April
- To (original):** "Monica J, HOD - Computer Science Engineering - Meenakshi Sundararajan Engineering College" <hod.cse@msec.edu.in>

Dear Prof,

As discussed, we will have the FDP on 25th April from 10.00 am – 12.00 pm at your college venue.

Topic: Digital Technology.

Mr. Shoolapani Biju, Senior Director – Technology will be conducting the FDP. He can be reached at [8754484876](tel:8754484876). Kindly call him and explain the expectations. Please take care of the hospitality and reception.

Also please share some photos after the event.

Thanks & Regards,

Anand R
Human Resources - Talent Acquisition | Cognizant Technology Solutions
Office: (+91-735-805-5742) | VNET: 485278

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Report:

Mr. SHOOLAPANI BIJU presented a plethora of advanced digital tools to the participants to enhance and complement their classroom teaching. He also provided a hands-on-training session for participants to experience the digital tools and become proficient with them. Then the session was concerned with three ICT tools, namely Google Slides, Google Docs and Google Meet. Each tool was very well explained and demonstrated in detail. The videos also discussed the various advantages of these tools over other forms available, for instance, the advantages of Google Slides and Google Docs over MS PowerPoint and MS Word were highlighted as both of these methods allow for real-time sharing and collaboration and all changes are saved automatically.

After the break, the speaker explained the uses and features of Google Slides, use of templates, features like speaker notes, insertion of videos, images and charts, sharing at three levels (view, comment and edit), tracking changes through version history and comment history, presenting slides making it appear at full screen etc. The video content on Google Docs apprised the participants of several features such as real-time sharing and collaboration, sharing the document for viewing, commenting and editing, tracking changes etc. Voice typing is a unique feature where typing can be done automatically through speech recognition. Translate option allows for the document to be translated into another language. Other add-on features like charts, equations, bibliography, cloud generator and phonetic transcription make Google Docs very useful. Then the speaker explained the features of Google Meet- user interface including scheduling a meeting, sharing screen, audio and videoseettings, adding participants, pinning and removing participants, chat functions and live captions were demonstrated. The recording feature was explained which is extremely useful for faculties to create their repositories. Finally, the speaker touched upon the usage of Twitter, LinkedIn, and YouTube for research and academic purposes



photograph taken on 24.4.2017

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Attendance:

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
&
DEPARTMENT OF INFORMATION AND TECHNOLOGY
FACULTY DEVELOPMENT PROGRAM
DAY 1 : 25/04/2017
SESSION I & SESSION II

S NO	NAME	DEPT	SESSION I	SESSION II
1	MONICA SENEFFER .B	CSE	SB	SB
2	M.K.SANDHYA	CSE	SB	SB
3	S. Aarthi	CSE	SB	SB
4	C. Jagan Mahibha	CSE	SB	SB
5	V. Sundari	CSE	SB	SB
6	JAYUNA.D	CSE	SB	SB
7	P. REVATHI	CSE	SB	SB
8	W.M.Mary Lisy	CSE	SB	SB
9	R.Sudha	CSE	SB	SB
10	R.SRI Gokulam	CSE	SB	SB
11	R.S. Shobanadevi	CSE	SB	SB
12	A. BABIYOLA	ECE	SB	SB
13	AKILA.K	IT	SB	SB
14	Devilakshmi. G.S.	IT	SB	SB
15	S. Vijayalakshmi	IT	SB	SB
16	R. Gayathri	IT	SB	SB
17	S. Priscilla Manonmani	IT	SB	SB
18	M. SARALA SHOBINI	IT	SB	SB
19	N. MATHANGI	IT	SB	SB
20	A. KANIMATHI	IT	SB	SB
21	M. MANJULA	RCE	SB	SB
22	M. MEENAKSHI	ECE	SB	SB
23	R. Nirmaladevi	ECE	SB	SB
24	J. Sindhu	ECE	SB	SB
25	D. KARTHIKA	RCE	SB	SB

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
&
DEPARTMENT OF INFORMATION AND TECHNOLOGY
FACULTY DEVELOPMENT PROGRAM
DAY 1 : 25/04/2017
SESSION I & SESSION II

NO	NAME	DEPT	SESSION I	SESSION II
26	Riji S. Varadan	PCE	SB	SB
27	ELANGO VAN S	ECE	SB	SB
28	J.R.PADMASRI	ECE	SB	SB
29	JAKSHMI.R	ECE	SB	SB
30	S. BALASUBRAMANIAN	ECE	SB	SB
31	Md Nooruzzaman Khan	ECE	SB	SB
32	A. SHAJI	IT	SB	SB
33	K.P. SRIKANTH	IT	SB	SB
34	P. ManiVaanan	ECE	SB	SB
35	M.A. SESHATHA	ECE	SB	SB
36	K. RAJESH	ECE	SB	SB
37	N.V. HARITHA	ECE	SB	SB
38	S. Balasundaram	ECE	SB	SB
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Feedback form:

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
DEPARTMENT OF INFORMATION TECHNOLOGY
FACULTY DEVELOPMENT PROGRAM
FEEDBACK FORM

Name of participant: R. Gayathri Date: 25.4.17 - 27.4.17
Title: Digital Technology APLIT
Your feedback is important for planning future programming. Thank you.

4 = Excellent 3 = Very Good 2 = Good 1 = Fair 0 = No opinion

	Circle your response				
1. The FDP met my expectations.	4	3	2	1	0
2. The content was helpful and was on par with current trends.	4	3	2	1	0
3. The speaker had a good understanding of the topics.	4	3	2	1	0
4. The instructors encouraged interaction and were helpful	4	3	2	1	0
5. Will you implement the learning from the program in your regular teaching and research work.	4	3	2	1	0

Outcome:

The participants were given exposure to Google tools, Google forms, Google sites creation, and ranking tricks. They enthusiastically created their own websites on Google sites and learnt the ways to make their blogs popular. They were also apprised about the usage of Twitter, LinkedIn, and YouTube for research and academic purposes. The programme incorporated both theoretical components as well as rigorous hands-on practical training sessions

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