

CRITERION 6 - GOVERNANCE, LEADERSHIP AND MANAGEMENT

Key Indicator 6.3 Faculty Empowerment Strategies

Metric No 6.3.3 Average Number of Professional Development / Administrative Training Programs Organized by the Institution for Teaching and Non-Teaching Staff

Sl. No	Academic Year	No of Professional Development /Administrative Training Programs Organized by the Institution	Page No.
1	2020-2021	13	3



PRINCIPAL

Dr. J.SUNDARARAJAN,
 B.E., M.Tech., Ph.D.,
 Principal
N.P.R. College of Engineering & Technology
 Natham, Dindigul (Dt) - 624 401.

**6.3.3 Average Number of Professional Development / Administrative Training
Programs Organized by the Institution for Teaching and Non-Teaching Staff**

ACADEMIC YEAR 2020 - 21

Sl. No	Dates	Title of the professional development program organised for teaching staff
1	08.06.2020 to 12.06.2020	FDP on "Computational Fluid Dynamics"
2	17.08.2020 to 21.08.2020	FDP on "Innovative Contactless Investigation Techniques in Civil Engineering"
3	18.08.2020 to 20.08.2020	Three Days Workshop on "Matlab & Simulink"
4	06.07.2020 to 10.07.2020	FDP on "Research Methodology: Tools & Techniques"
5	24.08.2020 to 29.08.2020	FDP on "EC8791-Embedded and Real Time Systems"
6	21.09.2020 to 25.09.2020	FDP on "Artificial Intelligence and Machine Learning with Data Science"
7	05.10.2020 to 06.10.2020	Workshop on "Soft Computing"
8	04.03.2021	Workshop on "High Performance in Smart Materials for Structural Applications"
9	11.03.2021 to 12.03.2021	Workshop on "Recent Trends in Embedded Technology"
10	27.03.2021	FDP on "Personality Development Programme"
11	12.04.2021 to 16.04.2021	FDP on "Research Opportunities, Challenges in Power Electronics for EV and ITS Impact on Renewable Energy System"
12	15.04.2021 to 17.04.2021	Skill Enhancement Program
13	04.05.2021	Workshop on "Recent Advancement in Industrial Instrumentation"




 PRINCIPAL
Dr. J. SUNDARARAJAN,
 B.E., M.Tech., Ph.D.,

Principal
N.P.R. College of Engineering & Technology
Natham, Dindigul (Dt) - 624 401.

DEPARTMENT OF MECHANICAL ENGINEERING

Five Days Online Faculty Development Programme

on

“Computational Fluid Dynamics”


INDEX

ACADEMIC YEAR: 2020 -2021


SEMESTER:EVEN


DURATION: Five Days

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 Program Co-ordinator


 HoD-MECH


 IQAC Co-ordinator
 Co-ordinator, IQAC


 Principal
 Principal

Head of the Department
 Department of Mechanical Engineering
 NPR College of Engineering & Technology
 Natham, Dindigul (DT) - 624 401.

NPR College of Engineering & Technology
 Natham, Dindigul, Dt:-624 401

N.P.R. College of Engineering & Tech.
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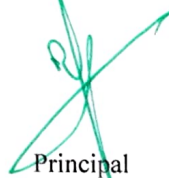
Program Co-ordinator



HoD-MECH



IQAC Co-ordinator



Principal

Head of the Department
 Department of Mechanical Engineering
 NPR College of Engineering & Technology
 Natham, Dindigul (DT) - 624 401.

NPR College of Engineering & Technology
 Natham, Dindigul (DT)-624 401

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NPR College of Engineering & Technology

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DEPARTMENT OF MECHANICAL ENGINEERING

PERMISSION LETTER

DATE: 25.05.2020

From

Dr.T. Malaichamy,
Head of the Department
Department of Mechanical Engineering,
NPR College of Engineering & Technology,
Natham.

To

The Principal,
NPR College of Engineering & Technology,
Natham.

Respected Sir,

Sub: Requisition for organizing Five Days Online FDP on “**COMPUTATIONAL FLUID DYNAMICS**”–
Reg.

We, the Department of Mechanical Engineering, proposed to organize Five days Faculty Development Programme on ‘COMPUTATIONAL FLUID DYNAMICS’ to the faculties of our college and other colleges from 08.06.2020 to 12.06.2020 in Google Meet.

1. Dr.G.Kannan, Associate Professor, PSNACET, Dindigul
2. Dr. R. Suresh Kumar, Professor & Head, Sri Eshwar College of Engineering, Coimbatore.

are going to be the resource persons for this FDP. We expect around 25 delegates from various Institutions. We request you to grant permission to organize the FDP.

Thanking you

Yours faithfully,

Dr.T. Malaichamy,

HoD-Mech





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COVERING LETTER

Date :26.05.2020

Patron

Dr. J.Sundararajan,
Principal

To

The Principal/ Dean/Director,
All Engineering Colleges.

Convener

Dr. T. Malaichamy,
HoD-MECH

Dear Sir/Madam,

Sub: 5 days Online Faculty Development programme on
"COMPUTATIONAL FLUID DYNAMICS"- Reg.,

Co-ordinator

Mr. T. Balasubramani AP-MECH

We have great pleasure in informing you that the Department of Mechanical Engineering, NPR college of Engineering and Technology, Natham is organizing 5 days FDP on "COMPUTATIONAL FLUID DYNAMICS" from 08.06.2020 and 12.06.2020.

Organizing Committee Members


1. Dr. S.Paulsingarayar AP-MECH
2. Mr. G.Sundararajan AP-MECH
3. Mr. K. ArunaSenthil Kumar AP-MECH

The objective of the FDP is to enrich the knowledge and best practices for the young faculty to interact with senior expert academicians and to enhance their teaching-learning process in theoretical sessions. Please find the details of the above FDP in the enclosed brochure. We request you to sponsor faculty members from Mech/Mechatronics departments of your esteemed institution for these five days FDP. We shall be glad to receive nominations on or before 02.06.2020.

Kindly forward the attached brochure to the respective departments. Looking forward to your kind cooperation for the success of the FDP.

Thanking you

With regards,


Dr.T. Malaichamy
HoD-MECH





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DEPARTMENT OF MECHANICAL ENGINEERING

Five Days Online Faculty Development Programme

on

“Computational Fluid Dynamics”

Brochure

Five Days Faculty Development Programme on ‘COMPUTATIONAL FLUID DYNAMICS’

DATE: 08.06.2020 to 12.06.2020

VENUE: Google Meet

Registration Form

(To be filled in block letters)

Name :

Department:

Gender : Male / Female

Designation :

Organization :

Address for Communication:

Phone :

Email id :

Mode of Payment : DD/CASH

If DD

DD No.:

Date:

Name of Bank: Amount Rs.

[Rs.250/- Demand Draft should be drawn in favour of
“NPR College of Engineering & Technology” payable
at Natham]

Date:

Signature

ORGANIZING COMMITTEE

Patron

Dr. J. Sundararajan,

Principal,

NPR College of Engineering & Technology,
Natham - 624 401.

Convener

Dr. T.Malaichamy,

Prof-Mech,

NPRCET.

Co-ordinator

Mr. T. Balasubramani,

AP-Mech,

NPRCET.

Organizing Committee Members

1.Dr. S.Paulsingarayar,

AP-Mech,

NPRCET.

2.Mr. G. Sundararajan,

AP-Mech,

NPRCET.

3.Mr. K.Aruna Senthil Kumar,

AP-Mech,

NPRCET.



NPR

COLLEGE OF ENGINEERING &
TECHNOLOGY

(An ISO 9001:2015 Certified Institution)
Natham – 624 401.

Phone : 04544 246500, 501, 502

Fax : 04544 246511

E-mail: nprcetprincipal@nprcolleges.org

Five Days Faculty Development Programme
on

‘COMPUTATIONAL FLUID DYNAMICS’

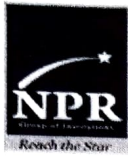
DATE: 08.06.2020 to 12.06.2020

VENUE: Google Meet

Organized by

DEPARTMENT OF MECHANICAL
ENGINEERING





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DEPARTMENT OF MECHANICAL ENGINEERING

Five Days Online Faculty Development Programme

on

"Computational Fluid Dynamics"

Brochure

About the College

NPR College of Engineering and Technology is situated at Natham which is 27 kms away from Dindigul and 35 kms away from Madurai, Tamil Nadu. The campus is spread over 100 acres of lush green environment with lots of green cover and pristine surroundings. Our college recognizes the growing necessity to prepare the students from the rural and semi-urban sectors of India to be employable.

The main goal of NPR is to uplift the knowledge and consciousness of our students in and around our region.

Hence, we offer seats to all the students regardless of their social background and economic status. We offer a unique chance for any student who wishes to pursue further education. Our admission policy is transparent and easy to follow for anyone who wishes to pursue any professional courses.

Resource Person

1. Dr. G. Kannan,
Associate Professor,
PSNA CET, Dindigul.
2. Dr. R. Suresh Kumar
Professor & Head,
Sri Eshwar College of Engineering,
Combatores.

About the Department

Mechanical Engineering Department was established in the year 2009 with an intake of 60 students. From the academic year 2012-2013 the intake was increased to 120 students. We have well established and modernized laboratories with latest technologies to enrich the knowledge of our students.

We have a separate department library for the reference of staff and students. We have well qualified and dedicated faculty members to teach and guide the students to develop their technical skills.

Important Dates

Last Date for Registration : 01.06.2020
Confirmation mail : 02.06.2020

Application form completed in all aspects is to be sent to:

Prof. Dr. T. Malaichamy,
HoD-Mech
NPR College of Engineering & Technology
Natham - Dindigul - 624 401.
Mobile No: 9442258930
Email Id: nprcetmech@nprcolleges.org

Declaration

The above information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the FDP. If selected, I shall attend the FDP for the entire duration. I also undertake the responsibility to inform the co-ordinators in case I am unable to attend the FDP.

Place:

Date:

Signature of the Applicant

Sponsorship certificate

Mr/Mrs/Dr.....
.....is an employee/student of our Institute and is hereby sponsored. He /She will be permitted to attend the FDP for the entire duration, if selected.

Office Seal

Signature of the sponsoring authority

Place:

Date:





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DEPARTMENT OF MECHANICAL ENGINEERING

The Management, Principal and Staff

**Cordially invite you for the inauguration of
Five Days Faculty Development Programme**

on

'COMPUTATIONAL FLUID DYNAMICS'

On 08th June, 2020

Venue: Google Meet at 09.30 a.m.

Link: meet.google.com/iqt-fwrv-ckt

Chief Guest

- 1. Dr.G. Kannan, Associate Professor,
PSNACET, Dindigul.**
- 2. Dr. R. Suresh Kumar, Professor & Head, Sri Eshwar College of
Engineering, Coimbatore**

Dr.J.Sundararajan

Principal,

NPR College of Engineering & Technology

Felicitates the function

Organized by

**Department of Mechanical Engineering,
NPR College of Engineering & Technology,
NPR Nagar, Natham.**





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DEPARTMENT OF MECHANICAL ENGINEERING

Five Days online Faculty Development Programme

on

COMPUTATIONAL FLUID DYNAMICS

Registration form for FDP on "COMPUTATIONAL FLUID DYNAMICS"

Form description

Name of the staff

Short answer text

Designation of the staff

Short answer text

Name of the

Short answer text


Department

Short answer text


Mail ID

Short answer text





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DEPARTMENT OF MECHANICAL ENGINEERING

Five Days online Faculty Development Programme

on

COMPUTATIONAL FLUID DYNAMICS

Programme Schedule

Venue: Google Meet

Date: 08.06.2020

Meeting Link : meet.google.com/iqt-fwrv-ckt

External Resource Persons:	Internal Resource Persons:
<ol style="list-style-type: none"> 1. Dr.G. Kannan, Associate Professor, PSNACET, Dindigul. 2. Dr. R. Suresh Kumar, Professor & Head, Sri Eshwar College of Engineering, Coimbatore. 	<ol style="list-style-type: none"> 1. Dr.T. Malaichamy Prof/Mech, NPRCET 2. Dr.S. Paulsingarayalar AP/Mech, NPRCET 3. Mr.G. Sundararajan AP/Mech, NPRCET 4. Mr.K. Aruna Senthil Kumar AP/Mech, NPRCET

PROGRAMME SCHEDULE				
DATE	TIME	SESSION	TOPIC	RESOURCE PERSON
Day 1 08.06.2020	9:30 a.m.to 10:00 a.m.		Inauguration	
	10:00 a.m. to 11:10 a.m.	SESSION I	Computational Fluid Dynamics (CFD) Analysis Of Optical Payload For Lasercomm Science	Dr.T. Malaichamy Prof/Mech, NPRCET
	11:10 a.m. to 11:30 a.m.		Tea Break	
	11:30 a.m.to 12:30 p.m.	SESSION II	Flask fluid flow simulation using CFD	Dr.G. Kannan, Associate Professor, PSNACET, Dindigul.
	12:30 p.m. to 1:30 p.m.		Lunch Break	
	1:30 p.m.to 2: 45 p.m.	SESSION III	CFD application to supersonic/hypersonic inlet airframe integration.	Dr.T. Malaichamy Prof/Mech, NPRCET
	2:45 p.m.to 3: 00 p.m.		Tea Break	





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DEPARTMENT OF MECHANICAL ENGINEERING

	3:00 p.m.to 4: 00 p.m.	SESSION IV	Computational Fluid Dynamics (CFD) investigation onto passenger car disk brake design.	Mr.K. ArunaSenthil Kumar AP/Mech, NPRCET
Day 2 09.06.2020	9:30 a.m. - 10:45 a.m.	SESSION I	Computational Fluid Dynamics for nuclear applications.	Dr.G. Kannan, Associate Professor, PSNACET, Dindigul.
	10:45 a.m. to 11.00 a.m.	Tea Break		
	11.00 a.m. to 12.30 p.m.	SESSION II	Computational Fluid Dynamics for nuclear applications.	Dr.G. Kannan, Associate Professor, PSNACET, Dindigul.
	12.30 p.m.to 1.30 p.m.	Lunch Break		
	1.30 p.m.to 2.45 p.m.	SESSION III	CFD to multi-scale CMFD Nondestructive evaluation of structure	Dr.S. Paulsingarayar AP/Mech, NPRCET
	2.45 p.m.to 3.00 p.m.	Tea Break		
	3.00 p.m.to 4.00 p.m.	SESSION IV	CFD to multi-scale CMFD Nondestructive evaluation of structure	Dr.S. Paulsingarayar AP/Mech, NPRCET
Day 3 10.06.2020	9:30 a.m.to 10:45 a.m.	SESSION I	Computational Fluid Dynamics (CFD) program - Building technology to solve future challenges	Dr. R. Suresh Kumar, Professor & Head, Sri Eshwar College of Engineering, Coimbatore.
	10:45 a.m.. to 11.00 a.m.	Tea Break		
	11.00 a.m. to 12.30 p.m.	SESSION II	Computational Fluid Dynamics (CFD) program - Building technology to solve future challenges	Dr. R. Suresh Kumar, Professor & Head, Sri Eshwar College of Engineering, Coimbatore.
	12.30 p.m.to 1.30 p.m.	Lunch Break		
	1.30 p.m.to 2.45 p.m.	SESSION III	Computational fluid dynamics for propulsion technology.	Mr.G. SundarajanAP/Mech, NPRCET
	2.45 p.m.to 3.00 p.m.	Tea Break		
	3.00 p.m.to 4.00p.m.	SESSION IV	Computational fluid dynamics for propulsion technology.	Mr.G. SundarajanAP/Mech, NPRCET-





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DEPARTMENT OF MECHANICAL ENGINEERING

Day 4 11.06.2020	9:30 a.m. - 10:45 a.m.	SESSION I	Mathematics And Fluid Dynamics Essentials	Dr. R. Suresh Kumar, Professor & Head, Sri Eshwar College of Engineering, Coimbatore
	10:45 a.m. to 11.00 a.m.	Tea Break		
	11.00 a.m. to 12.30 p.m.	SESSION II	Mathematics And Fluid Dynamics Essentials	Dr. R. Suresh Kumar, Professor & Head, Sri Eshwar College of Engineering, Coimbatore
	12.30 p.m. to 1.30 p.m.	Lunch Break		
	1.30 p.m. to 2.45 p.m.	SESSION III	Introduction To Matlab And Basic CFD Concepts	Dr.G. Kannan, Associate Professor, PSNACET, Dindigul.
	2.45 p.m. to 3.00 p.m.	Tea Break		
	3.00 p.m. to 4.00 p.m.	SESSION IV	Introduction To Matlab And Basic CFD Concepts	Dr.G. Kannan, Associate Professor, PSNACET, Dindigul.
Day 5 12.06.2020	9:30 a.m. - 10:45 a.m.	SESSION I	Solving Standard CFD Problems In Openfoam	Dr. R. Suresh Kumar, Professor & Head, Sri Eshwar College of Engineering, Coimbatore
	10:45 a.m. to 11.00 a.m.	Tea Break		
	11.00 a.m. to 12.30 p.m.	SESSION II	Solving Standard CFD Problems In Openfoam	Dr. R. Suresh Kumar, Professor & Head, Sri Eshwar College of Engineering, Coimbatore
	12.30 p.m. to 1.30 p.m.	Lunch Break		
	1.30 p.m. to 2.45 p.m.	SESSION III	Exploring CFD By Solving Standard CFD Problems Using FDM	Dr.G. Kannan, Associate Professor, PSNACET, Dindigul.
	2.45 p.m. to 3.00 p.m.	Tea Break		
	3.00 p.m. to 3.45p.m.	SESSION IV	Questionnaire session	
	3.45p.m. to 4.00 p.m.	Valedictory		



Five Days online Faculty Development Programme
on

COMPUTATIONAL FLUID DYNAMICS

STAFF ATTENDANCE

S.No.	Title	Name	Name of the Organisation	Designation	08.06.2020		09.06.2020		10.06.2020		11.06.2020		12.06.2020	
1.	Mr	MR.E.NALLASIVAM	SSM college of Engineering	Assistant Professor	P	P	P	P	P	P	P	P	P	P
2.	Dr	MR.K.S.GOWRISHANKA	SSM college of Engineering	Assistant Professor	P	P	P	P	P	P	P	P	P	P
3.	Mr	S.GOWTHAM	Sri Krishna polytechnic	Assistant Professor	P	P	P	P	A	A	P	P	P	P
4.	Mrs	C.MINIKALA	JAYAMATHA ENGINEERING	Assistant Professor	P	P	P	P	P	P	P	P	P	P
5.	Dr.	S.MANOCHARAN	SKSVMACET	Assistant Professor	P	P	P	P	A	A	P	P	P	P
6.	Mr	F.JUSTIN DHIRAVIAM	GUDLAVALLERU ENGINEERING	Assistant Professor	P	P	P	P	P	P	P	P	P	P
7.	Mr	MR.T.GANDHIRAM	SSN COLLEGE OF ENGINEERING	Assistant Professor	P	P	P	P	P	P	P	P	P	P
8.	Mr	CHIRANJEEVI TADI	BAPATLA ENGINEERING COLLEGE	Assistant Professor	P	A	A	P	P	P	P	P	P	P
9.	Mr	V.PRADEEP	SSN College of Engineering	Assistant Professor	P	P	P	P	P	P	P	P	P	P
10.	Mr	M.SELVAMSAGAYARA	MOTILAL NEHRU GOVERNMENT	LECTURER	P	P	P	P	P	P	P	P	P	P
11.	Ms	ANJU ANNE VARGHESE	ACS College of Engineering	Assistant Professor	P	P	P	P	P	P	P	A	A	P
12.	Mr	ANBAZHAGAN K	SSN COLLEGE OF ENGINEERING	Assistant Professor	P	P	P	P	P	A	P	P	P	P
13.	Dr.	S.GANESH KUMAR	Sri Eshwar college of Engineering	Assistant Professor	P	P	P	P	P	P	P	P	P	P
14.	Ms	MR.R.PANDIYARAJAN	Deccan College of Engineering and	Assistant Professor	P	P	P	P	P	P	P	P	P	P
15.	Dr.	G.GOKILAKRISHNAN	Mohamed Sathak Engineering College	Assistant Professor	P	P	P	P	P	P	P	P	P	P
16.	Mr	S.GOKUL	SSN College of Engineering	Assistant Professor	P	P	P	P	P	P	P	P	P	P
17.	Mr	K. SIRAJUDEEN	MOHAMED SATHAK ENGINEERING	Assistant Professor	P	P	P	P	P	P	P	P	P	P
18.	Mr	SARAVANAN. M	Sri Lakshmi Ammal Engineering College	Lecturer	P	P	P	P	P	P	P	P	P	P
19.	Mr	UDRAYYASWAMY.B.S	College of Technology and Engineering	Assistant Professor	P	P	P	P	P	P	P	P	P	P
20.	Mr	VIVRK KANCHARLA	ADITYA Institute of Technology and	Assistant Professor	P	A	A	P	P	P	P	P	A	A
21.	Mrs.	S. KRISHNAPRIYA	Adiya college of Engineering	Assistant Professor	P	P	P	P	P	P	P	P	P	P
22.	Mr	LOKESH K	Visveswaraya Technological University	Assistant Professor	P	P	P	P	P	P	P	P	P	P
23.	Mr	R.VIVEK	SSN College of Engineering	Assistant Professor	P	P	P	P	P	P	P	P	P	P
24.	Mr	SABYASACHI SUR	L & T	Industry personal	P	P	P	P	P	P	P	P	P	P
25.	Mr	S.BASKARAN	RAJALAKSHMI ENGINEERING	Assistant Professor	P	P	P	P	P	P	P	P	A	P





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DEPARTMENT OF MECHANICAL ENGINEERING

Five Days online Faculty Development Programme

on

COMPUTATIONAL FLUID DYNAMICS

Photograph

Presentation of Chief Guest





NPR College of Engineering & Technology

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DEPARTMENT OF MECHANICAL ENGINEERING

Five Days online Faculty Development Programme

on

COMPUTATIONAL FLUID DYNAMICS

PARTICIPANT FEEDBACK FORM

NPR COLLEGE OF ENGINEERING & TECHNOLOGY, NATHAM

DEPARTMENT OF MECHANICAL ENGINEERING
FDP- COMPUTATIONAL FLUID DYNAMICS

Email *

Valid email

This form is collecting emails. Change settings

DEPARTMENT

Your answer

NAME OF THE COLLEGE

Your answer

Title

FACULTY FEEDBACK FORM

Course Content *

☐ EXCELLENT

☐ GOOD

☐ FAIR

☐ SATISFACTORY

NAME OF THE STAFF *

Short answer text

Way of exposed new knowledge and practices *

☐ EXCELLENT

☐ GOOD

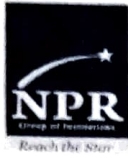
☐ FAIR

☐ SATISFACTORY

DESIGNATION *

Short answer text





NPR College of Engineering & Technology

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DEPARTMENT OF MECHANICAL ENGINEERING

Examples Provided during the FDP :

☐ EXCELLENT

☐ GOOD

☐ FAIR

☐ SATISFACTORY

Delivered by Resource Person :

☐ EXCELLENT

☐ GOOD

☐ FAIR

☐ SATISFACTORY

Time Management :

☐ EXCELLENT

☐ GOOD

☐ EXCELLENT

☐ GOOD

☐ FAIR

☐ SATISFACTORY

Overall rating of this FDP :

☐ EXCELLENT

☐ GOOD

☐ FAIR

☐ SATISFACTORY

Any Other Comments / Suggestions :

Long answer text



Five Days Online Faculty Development Programme

on

"Computational Fluid Dynamics"

FEEDBACK SUMMARY REPORT

Timestamp	Email Address	NAME OF THE STAFF	DESIGNATION	NAME OF THE COLLEGE	Course Content	Way Exposed the knowledge	Examples provided
4/5/2021 17:05:50	lgashkr@gmail.com	LOKESH K	ASSISTANT PROFESSOR	GUDJAVALLURU ENGINEERING COLLEGE	EXCELLENT	Good	EXCELLENT
4/5/2021 17:15:26	minika379165@yahoo.com	MINIKALA C	ASSISTANT PROFESSOR	JAYAMATHA ENGINEERING COLLEGE	EXCELLENT	FAIR	EXCELLENT
4/5/2021 17:21:52	lgandhirankumar@gmail.com	T. GANDHIRAM	ASSISTANT PROFESSOR	SSN COLLEGE OF ENGINEERING	Good	EXCELLENT	FAIR
4/5/2021 17:29:32	voradeepa@gmail.com	V. PRADEEP	ASSOCIATE PROFESSOR	SSM COLLEGE OF ENGINEERING	EXCELLENT	Good	EXCELLENT
4/5/2021 18:10:02	panthiyaraj456@gmail.com	R. PANDIYARAJAN	ASSISTANT PROFESSOR	DECCAN COLLEGE OF ENGINEERING AND TECHNOLOGY	Good	Good	FAIR
4/5/2021 17:28:02	gowthams255@yahoo.co.uk	S. GOWTHAM	ASSISTANT PROFESSOR	SRI KRISHNA POLYTECHNIC COLLEGE	EXCELLENT	Good	Good
4/5/2021 17:28:30	saravanganp25@gmail.com	M. SARAVANAN	ASSOCIATE PROFESSOR	SRI LAKSHMI AMMAL ENGINEERING COLLEGE	EXCELLENT	EXCELLENT	FAIR
4/5/2021 17:30:36	chiranjeevisdmps@gmail.com	CHIRANJEEVI TADI	ASSISTANT PROFESSOR	BAPATLA ENGINEERING COLLEGE	EXCELLENT	EXCELLENT	EXCELLENT
4/5/2021 17:28:26	vivek125@gmail.com	VIVEK R	ASSISTANT PROFESSOR	SSN COLLEGE OF ENGINEERING	EXCELLENT	Good	Good

Timestamp	Email Address	NAME OF THE STAFF	DESIGNATION	NAME OF THE COLLEGE	Delivery of Resource per Time Management	Overall rating of this Web	Any other comments
4/5/2021 17:05:50	lgashkr@gmail.com	LOKESH K	ASSISTANT PROFESSOR	GUDJAVALLURU ENGINEERING COLLEGE	EXCELLENT	EXCELLENT	NIL
4/5/2021 17:15:26	minika379165@yahoo.com	MINIKALA C	ASSISTANT PROFESSOR	JAYAMATHA ENGINEERING COLLEGE	EXCELLENT	EXCELLENT	NIL
4/5/2021 17:21:52	lgandhirankumar@gmail.com	T. GANDHIRAM	ASSISTANT PROFESSOR	SSN COLLEGE OF ENGINEERING	EXCELLENT	EXCELLENT	GOOD
4/5/2021 17:29:32	voradeepa@gmail.com	V. PRADEEP	ASSOCIATE PROFESSOR	SSM COLLEGE OF ENGINEERING	Good	EXCELLENT	GOOD KNOWLEDGE
4/5/2021 18:10:02	panthiyaraj456@gmail.com	R. PANDIYARAJAN	ASSISTANT PROFESSOR	DECCAN COLLEGE OF ENGINEERING AND TECHNOLOGY	EXCELLENT	EXCELLENT	NIL
4/5/2021 17:28:02	gowthams255@yahoo.co.uk	S. GOWTHAM	ASSISTANT PROFESSOR	SRI KRISHNA POLYTECHNIC COLLEGE	EXCELLENT	EXCELLENT	NIL
4/5/2021 17:28:30	saravanganp25@gmail.com	M. SARAVANAN	ASSOCIATE PROFESSOR	SRI LAKSHMI AMMAL ENGINEERING COLLEGE	EXCELLENT	EXCELLENT	NIL
4/5/2021 17:30:36	chiranjeevisdmps@gmail.com	CHIRANJEEVI TADI	ASSISTANT PROFESSOR	BAPATLA ENGINEERING COLLEGE	Good	EXCELLENT	PRACTICED LOT
4/5/2021 17:28:26	vivek125@gmail.com	VIVEK R	ASSISTANT PROFESSOR	SSN COLLEGE OF ENGINEERING	FAIR	Good	NIL
4/5/2021 17:28:26	vivek125@gmail.com	VIVEK R	ASSISTANT PROFESSOR	SSN COLLEGE OF ENGINEERING	EXCELLENT	Good	NIL





NPR College of Engineering & Technology

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DEPARTMENT OF MECHANICAL ENGINEERING

Five Days online Faculty Development Programme

on

COMPUTATIONAL FLUID DYNAMICS


Summary Report

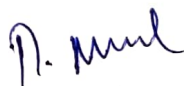
Department of Mechanical Engineering Organized a FDP from 08.06.2020 to 12.06.2020. The Inauguration function for the FDP was conducted on 08.06.2020 at 9.30 a.m. in Google Meet. Principal Dr.J.Sundararajan, Head of the Department of Mechanical Engineering Dr.T. Malaichamy and the Chief Guest Dr. G. Kannan graced the inaugural session.

Mr.T.Balasubramani, Assistant Professor-MechEngineering, welcomed the gathering. Dr.T.Malaichamy enlightened the audience by relating the current trends in investigation techniques in MechanicalEngineering in real time applications. He explained the objective of recent innovative computational fluid dynamics in Mechanical Engineering in concern to the thrust areas of research as well as the relation with academics.

Principal Dr.J.Sundararajan felicitated the function with his inspiring words and finally thanked the organizing team for the arrangements made. Chief guest Dr. R. Suresh Kumar during his presidential address shared a lot of real time experiences in CFD to all the participants. After that, by 10.00a.m, the first session on Computational Fluid Dynamics (CFD) Analysis Of Optical Payload For Lasercomm Science was started. As per the schedule the internal and external resource persons delivered the lectures on their respective topics.

On 12.06.20, during the valedictory session, the participants gave feedback about the programme. Then the programme Co-ordinator Mr.T. Balasubramani, delivered the vote of thanks and the programme came to an end. The certificates were mailed to the participants within the week.


Program Co-ordinator


HoD-Mech


IQAC Co-ordinator

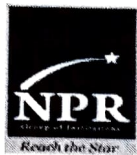

Principal

Head of the Department,
Department of Mechanical Engineering,
NPR College of Engineering & Technology
Natham, Dindigul (Dt) - 624 401,

Coordinator - IQAC
NPR College of Engineering & Technology
Natham, Dindigul (Dt) - 624 401

Principal
NPR College of Engineering & Technology
Natham, Dindigul (Dt) - 624 401





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DEPARTMENT OF MECHANICAL ENGINEERING

Five Days Faculty Development Programme

on

COMPUTATIONAL FLUID DYNAMICS

CERTIFICATE



NPR COLLEGE OF ENGINEERING & TECHNOLOGY

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Website: www.nprcet.org, E-mail: nprcetprincipal@nprcolleges.org

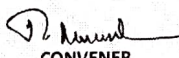


CERTIFICATE OF PARTICIPATION

This is to certify that of

..... has actively

participated in the Faculty Development Programme on "Computational Fluid Dynamics" organised by the Department of Mechanical Engineering, NPR College of Engineering & Technology, Natham from 08.06.2020 to 12.06.2020 through online pedagogy.


CONVENER
Dr. T. Malaichamy
HoD/Mech




Principal
Dr. J. Sundararajan



DEPARTMENT OF CIVIL ENGINEERING

Five Days Faculty Development Programme

on

‘INNOVATIVE CONTACTLESS INVESTIGATION TECHNIQUES IN CIVIL ENGINEERING’

INDEX

EVENT: FDP ON “INNOVATIVE CONTACTLESS INVESTIGATION TECHNIQUES IN CIVIL ENGINEERING”

ACADEMIC YEAR: 2020 -2021

SEMESTER: EVEN

DURATION: Five Days

S.No.	Particulars	Page No.
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5.	Invitation	8
6.	Course Content	9
7.	Programme Schedule	10
8.	Staff Attendance	13
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11.	Certificates of the Programme	17

P. Manikandan
Programme Co-ordinator

P. MANIKANDAN
AP - CIVIL

[Signature]
HoD-Civil

[Signature]
IQAC Co-ordinator

[Signature]
Principal

Head of the Department
Department of Civil Engineering
NPR College of Engineering & Technology

Coordinator - IQAC

NPR College of Engineering & Technology
Natham, Dindigul (Dt)-624 401

Principal
NPR College of Engineering & Technology



DEPARTMENT OF CIVIL ENGINEERING

PERMISSION LETTER

DATE: 04.08.2020

From

Dr.A.Hemalatha,
 Head of the Department
 Department of Civil Engineering,
 NPR College of Engineering & Technology,
 Natham

To

The Principal,
 NPR College of Engineering & Technology,
 Natham.

Respected Sir,

Sub: Requisition for organizing Five Days FDP on “**INNOVATIVE CONTACTLESS INVESTIGATION TECHNIQUES IN CIVIL ENGINEERING**” – Reg.

We, the Department of Civil Engineering, proposed to organize Five days Faculty Development Programme on ‘**INNOVATIVE CONTACTLESS INVESTIGATION TECHNIQUES IN CIVIL ENGINEERING**’ to the faculties of our college and other colleges from 17.08.2020 to 21.08.2020 in our college premises.

1. Er.A.Karthikeyan M.E,MIE,MIGS, Karthikeyan Associates, Structural and Geo Technical Engineer, Designer, Chennai
2. Dr.R.Siva Chidambaram Scientist, Advanced Structural composite and Durability Section CSIR – CBRI, Roorkee.

are going to be the resource persons for this FDP. We expect around 45 delegates from various Institutions. We request you to grant permission to organize the FDP.

Thanking you

Yours Faithfully,


 Dr.A.Hemalatha

HoD-Civil



Head of the Department
 Department of Civil Engineering
 NPR College of Engineering & Technology,
 Natham, Dindigul - 624401



NPR College of Engineering & Technology

NPR Nagar, Natham, Dindigul - 624401, Tamil Nadu, India.

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DEPARTMENT OF CIVIL ENGINEERING

FUNCTION PERMISSION LETTER

Letter date : 06.08.2020

Sl.No.	PARTICULARS	
1.	Name of the College	NPR College of Engineering & Technology
2.	Department	Civil Engineering
3.	Title of the Function	Five Days FDP on 'INNOVATIVE CONTACTLESS INVESTIGATION TECHNIQUES IN CIVIL ENGINEERING'
4.	Function Date	17.08.2020 to 21.08.2020
5.	Function Name	Faculty Development Programme
6.	A. Resource Persons Names	1.Er.A.Karthikeyan M.E,MIE,MIGS, Karthikeyan Associates, Structural and Geo Technical Engineer, Designer, Chennai 2.Dr.R.Siva Chidambaram Scientist, Advanced Structural composite and Durability Section CSIR – CBRI, Roorkee.
	B. Mode of Transport Receiving	No
	C. Mode of Transport Sending	No
	D. Honoring	-
	i. Memento	No
	ii. Shawl	No
	iii. Bouquey	No
	E. Tiffin / Lunch /Dinner	No
	F. Tea & Snacks	No
7.	Tea & Snacks for Staff	No
8.	Invitation& Flex Designing	





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DEPARTMENT OF CIVIL ENGINEERING

	A. Printing Invitation Model	Yes
	B. Invitations / Brochures	Yes
	C. Invitation Distribution	
	i. Name list by Post	No
	ii. Name list by person	No
9.	Reception things requirement	
	A. Table & Table Cloth	No
	B. Tray & Tray Cloth	No
	C. Sandal	No
	D. Kungumam	No
	E. Sweet	No
	F. Paneer Bottle/ Spray	No
10.	Hall & Seating arrangements	-
	A. No. of Staff	-
	B. No. of Chairs on the stage	-
	C. No. of VIP in front of the Stage	No
	i. Prayer Song	Yes
	ii. National Anthem	Yes
	D. Podiums	No
	E. Tea Poy	No
	F. Flower Wash	No





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DEPARTMENT OF CIVIL ENGINEERING

	G. Water Bottle & Glasses	No
11.	Advertisement	
	A. Photographer time	-
	B. Daily News	Yes
12.	Feedback form needed	Yes



DEPARTMENT OF CIVIL ENGINEERING

COVERING LETTER

Chief Patron

Date: 05.08.2020

Mr.M.Sivakumar
 Chief Administrative Officer, NPRGI

To
 The Principal / Dean / Director,
 All Engineering Colleges.

Patron

Dr.J.Sundararajan
 Principal

Dear Sir / Madam,

Convener

Sub: Five days Faculty Development Programme on 'INNOVATIVE CONTACTLESS INVESTIGATION TECHNIQUES IN CIVIL ENGINEERING' – Reg.,

Dr.A.Hemalatha
 HoD-Civil

We have a great pleasure in informing you that the Department Civil Engineering of NPR College of Engineering & Technology, Natham is organizing Five days Faculty Development Programme on 'INNOVATIVE CONTACTLESS INVESTIGATION TECHNIQUES IN CIVIL ENGINEERING' during 08th Jun to 12th June 2021.

Co-ordinator

Mr.P.Manikandan, AP/Civil

The objective of the FDP is to make the participant faculty conversant with new investigative techniques in civil infrastructures, to make the participant know the intricate details of the new investigative technology, to facilitate students to do work with these techniques to procure better skill set to work in the industry to apply the knowledge in research to analyze the complex systems and Perform advanced research and quality publications and enhance teaching scope in the courses handling Please find the details of the above FDP in the enclosed brochure. We request you to sponsor faculty members from Civil department of your esteemed institution/organization for this Five Days Faculty Development Programme. We shall be glad to receive nominations from your Institution on or before 15.08.2020

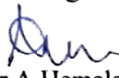
Organizing Committee Members

1. Mr.K.Shanthakumar AP/Civil
2. Mr.C.Vijayakumar AP /Civil
3. Mr.K.Selvam AP /Civil
4. Mrs.S.Premasundari AP /Civil

Kindly forward the attached brochure to the Civil Engineering department. Looking forward to your kind cooperation for the success of the FDP.

Thanking you

With regards,


 Dr.A.Hemalatha
 HoD-Civil



Head of the Department
 Department of Civil Engineering
 NPR College of Engineering & Technology
 Natham, Dindigul (DT) - 624 401.



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DEPARTMENT OF CIVIL ENGINEERING

Five Days Faculty Development Programme

on

'INNOVATIVE CONTACTLESS INVESTIGATION TECHNIQUES IN CIVIL ENGINEERING' Brochure



**NPR COLLEGE OF ENGINEERING
&
TECHNOLOGY**

Natham - 624 401.

Phone : 04544 246500, 501, 502
Fax : 04544 246511
E-mail : nprcetsv@nprcolleges.org

Five Days Faculty Development Programme

on

**'INNOVATIVE CONTACTLESS
INVESTIGATION IN CIVIL
ENGINEERING'**

From 17.08.2020 to 21.08.2020

Organized by

Department of Civil Engineering



ORGANIZING COMMITTEE

Chief Patron

Mr. M.SivaKumar,

Chief Administrative Officer,

NPR College of Engineering & Technology,

Natham - 624 401.

Patron

Dr.J.SUNDARARAJAN

Principal,

NPR College of Engineering & Technology,

Natham - 624 401.

Convener

Dr.A.Hemalatha,

HoD - Department of Civil,

Co-ordinator

Mr.P.Manikandan, AP/Civil

Organizing Committee Members

1. Mr.K.Shanthakumar AP/Civil

2. Mr.C.Vijayakumar AP /Civil

3. Mr.K.Selvan AP /Civil

4. Mrs.S.Prenasundari AP /Civil

Five Days Faculty Development Programme On

**'INNOVATIVE CONTACTLESS
INVESTIGATION IN CIVIL ENGINEERING'**
From 17.08.2020 to 21.08.2020

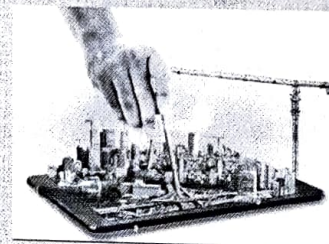
RESOURCE PERSONS

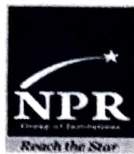
1. Er.A.Karthikeyan,M.E,MIE,MIGS,
Karthikeyan Associates, Structural and
Geo Technical Engineer, Designer,
Chennai
2. Dr.R.Siva Chidambaram Scientist,
Advanced Structural composite and
Durability Section CSIR - CBRI, Roorkee

FDP VENUE

Through Google Meet

<https://forms.gle/nAFxCIt9ouBTVIr1A>





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DEPARTMENT OF CIVIL ENGINEERING

Five Days Faculty Development Programme

on

'INNOVATIVE CONTACTLESS INVESTIGATION TECHNIQUES IN CIVIL ENGINEERING'

Brochure

ABOUT THE INSTITUTION

NPRCET is situated at Natham which is 27 kms away from Dindigul and 35 kms away from Madurai, Tamil Nadu. The campus is spread over lush green environment with lots of green cover and pristine surroundings. Our college recognizes the growing necessity to prepare the students from the rural to urban sectors of India to be employable. We ensure that our institute can provide suitable industry engagement and career opportunities for students.

The main goal of NPRCET is to uplift the knowledge and consciousness of our students in and around our region. Hence, we offer seats to all the students regardless of their social background and economic status. We offer a unique chance for any student who wishes to pursue further education. Our admission policy is transparent and easy to follow for anyone who wishes to pursue any professional courses. It is our pleasure to highlight that our college is the remote centre for IIT BOMBAY.

ABOUT THE DEPARTMENT

Civil Engineering department is considered as one of the oldest Engineering disciplines, Civil Engineering involves planning, designing and executing structural works. The Department of Civil Engineering was started in the year 2010. The Department has well experienced, dedicated faculty members with different field of specialization Like Structural Engineering, Water Resource, Environmental, Soil Mechanics & foundation, Remote Sensing.

Students are given education as well as training exposure in order to get placed in highly reputed companies. Symbiosis between placement cell and the department help the students to achieve the best of the jobs of their careers. Exposure as well as training is provided to the students for advanced Studies and various guest lectures and Mock interviews.

SIGNIFICANCE OF INNOVATIVE CONTACTLESS INVESTIGATION IN CIVIL ENGINEERING

NPR College of Engineering & Technology have goal to create Advances in Civil Engineering

The objective of the FDP about to make the participant faculty conversant with new Investigative techniques in civil infrastructures. To make the participant know the intricate details of the new investigative technology. To facilitate students to do work with these techniques to procure better skill set to work in the industry To apply the knowledge in research to analyze the complex systems and Perform advanced research and quality publications Enhance teaching scope in the courses handling Please

TOPICS TO BE COVERED

- *Applications of Drone survey in Civil Engineering
- *Applications of Ground Penetration Radar in Sub-Surface Investigation
- *MASW testing for High Depth Investigation
- *Analysis of large bored piles by using O-Cell test methods
- *Use of Photogrammetric in 3D Modeling and
- *Visualization of Buildings Smart Buildings
- Nondestructive evaluation of structures
- *Analysis of thermal characteristics of Geo materials
- *Advanced field testing for compaction control at the site

IMPORTANT DATES

- | | |
|------------------------------|--------------|
| Last date for registration | : 15.08.2020 |
| Confirmation of registration | |
| through E-mail | : 16.08.2020 |

BOARDING AND LODGING

Boarding and lodging will be provided to the participants in the college campus with prior request.

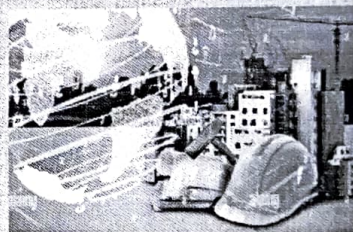
REGISTRATION FEE DETAILS

Registration by paying of Rs.250/- of "NPR College of Engineering & Technology" payable Through Gpay. Certificate will be provided to all the participants.

ADDRESS FOR CORRESPONDENCE

Dr.A.Hemalatha
HoD - Department of Civil
NPR College of Engineering & Technology,
Natham - 624 401.
TamilNadu, Mobile: 9894879990.

E-mail ID : nprcetcivil@nprcolleges.org
Website : www.nprcolleges.org



DEPARTMENT OF CIVIL ENGINEERING

CIRCULAR


DATE: 10.08.2020

This is to inform that Department of Civil Engineering has planned to conduct Five Days FDP on 'INNOVATIVE CONTACTLESS INVESTIGATION TECHNIQUES IN CIVIL ENGINEERING' to the Internal and External staff from Civil Engineering Department during this academic year 2020-2021. Interested Staff Members from respective department may register their name through Google Forms

The details of the training programme are given below:

EVENT	: Five Days FDP on 'INNOVATIVE CONTACTLESS INVESTIGATION TECHNIQUES IN CIVIL ENGINEERING'
RESOURCE PERSON'S	: 1.Er.A.Karthikeyan M.E,MIE,MIGS, Karthikeyan Associates, Structural and Geo Technical Engineer, Designer, Chennai 2.Dr.R.Siva Chidambaram Scientist, Advanced Structural composite and Durability Section CSIR – CBRI, Roorkee.
VENUE	: Via Google Meet
DATE	: 17.08.2020 to 21.08.2020
SESSION TIMING (for all days)	: 9:30 a.m. to 12:30 p.m. 1:30 p.m. to 4:00 p.m.
PROGRAMME CO-ORDINATOR	: Mr.P.Manikandan, AP/Civil


Programme Co-ordinator



HoD-Civil
Head of the Department
Department of Civil Engineering
NPR College of Engineering & Technology
Natham, Dindigul (DT) - 624401.



NPR College of Engineering & Technology

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Website : www.nprcolleges.org, www.nprcet.org, Email nprcetprincipal@nprcolleges.org



DEPARTMENT OF CIVIL ENGINEERING

The Management, Principal and Staff

Cordially invite you for the inauguration of

Five Days Faculty Development Programme

on

**'INNOVATIVE CONTACTLESS INVESTIGATION TECHNIQUES IN CIVIL
ENGINEERING'**

On 17th August, 2020

Through: Google Meet at 09.30 a.m.

Chief Guest

Dr.R.Siva Chidambaram Scientist,

Advanced Structural composite and Durability Section

CSIR – CBRI, Roorkee.

Dr.J.Sundararajan

Principal,

NPR College of Engineering & Technology

Felicitates the function



Organized by

Department of Civil Engineering,

NPR College of Engineering & Technology,

NPR Nagar, Natham.



	<p>NPR College of Engineering & Technology NPR Nagar, Natham, Dindigul - 624401, Tamil Nadu, India. Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai. An ISO 9001:2015 Certified Institution. Phone No: 04544- 246 500, 246501, 246502. Website : www.nprcolleges.org, www.nprcet.org, Email nprcetprincipal@nprcolleges.org</p>	
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DEPARTMENT OF CIVIL ENGINEERING

Five Days Faculty Development Programme

on

INNOVATIVE CONTACTLESS INVESTIGATION TECHNIQUES IN CIVIL ENGINEERING

Course Content:

The Theoretical sessions conducted will include the following topics:

- Applications of Drone survey in Civil Engineering
- Applications of Ground Penetration Radar in Sub-Surface Investigation
- MASW testing for High Depth Investigation
- Analysis of large bored piles using O-Cell test methods
- Use of Photogrammetric in 3D Modeling and Visualization of Smart Buildings
- Non destructive evaluation of structures
- Analysis of thermal characteristics of Geo materials
- Advanced field testing for compaction control at the site

P. Manikandan
 Programme Co-ordinator
 P. MANIKANDAN

[Signature]
 HOD-Civil
Head of the Department
 Department of Civil Engineering
 NPR College of Engineering & Technology,
 Natham, Dindigul (DT) - 624 401.





NPR College of Engineering & Technology

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DEPARTMENT OF CIVIL ENGINEERING

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on

INNOVATIVE CONTACTLESS INVESTIGATION TECHNIQUES IN CIVIL ENGINEERING

Programme Schedule

Venue: Google Meet

Date: 15.08.2020

External Resource Persons:	Internal Resource Persons:
1. Er.A.Karthikeyan M.E,MIE,MIGS, Karthikeyan Associates, Structural and Geo Technical Engineer, Designer, Chennai	1. Mr.K.Santhakumar AP/Civil, NPRCET
2. Dr.R.Siva Chidambaram Scientist, Advanced Structural composite and Durability Section CSIR – CBRI, Roorkee.	2. Mr.C.Vijayakumar AP /Civil, NPRCET
	3. Mr.K.Selvam AP /Civil, NPRCET
	4. Mrs.S.Premasundari AP /Civil , NPRCET

PROGRAMME SCHEDULE				
DATE	TIME	SESSION	TOPIC	RESOURCE PERSON
Day 1 17.08.2020	9:30 a.m.to 10:00 a.m.	Inauguration		
	10:00 a.m. to 11:10 a.m.	SESSION I	Applications of Drone survey in Civil Engineering	Mr.K.Santhakumar AP/Civil, NPRCET
	11:10 a.m. to 11:30 a.m.	Tea Break		
	11:30 a.m.to 12:30 p.m.	SESSION II	Applications of Ground Penetration Radar in Sub-Surface Investigation	Er.A.Karthikeyan Karthikeyan Associates, Structural and Geo Technical Engineer
	12:30 p.m. to 1: 30 p.m.	Lunch Break		
	1:30 p.m.to 2: 45 p.m.	SESSION III	Applications of Ground Penetration Radar in Sub-Surface Investigation	Er.A.Karthikeyan Karthikeyan Associates, Structural and Geo Technical Engineer
	2:45 p.m.to 3: 00 p.m.	Tea Break		
	3:00 p.m.to 4: 00 p.m.	SESSION IV	MASW testing for High Depth Investigation	Mr.K.Selvam AP/Civil NPRCET





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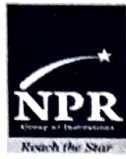
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DEPARTMENT OF CIVIL ENGINEERING

Day 2 18.08.2020	9:30 a.m. - 10:45 a.m.	SESSION I	Analysis of large bored piles using O-Cell test methods	Mr.C.Vijayakumar AP /Civil, NPRCET
	10:45 a.m. to 11.00 a.m.	Tea Break		
	11.00 a.m. to 12.30 p.m.	SESSION II	Analysis of large bored piles using O-Cell test methods	Mrs.S.Premasundari AP /Civil , NPRCET
	12.30 p.m.to 1.30 p.m.	Lunch Break		
	1.30 p.m.to 2.45 p.m.	SESSION III	Analysis of large bored piles using O-Cell test methods	Mr.C.Vijayakumar AP /Civil, NPRCET
	2.45 p.m.to 3.00 p.m.	Tea Break		
	3.00 p.m.to 4.00 p.m.	SESSION IV	Analysis of large bored piles using O-Cell test methods	Mr.C.Vijayakumar AP /Civil, NPRCET
Day 3 19.08.2020	9:30 a.m.to 10:45 a.m.	SESSION I	Use of Photogrammetric in 3D Modeling and Visualization of Buildings Smart Buildings	Dr.R.Siva Chidambaram Scientist, Advanced Structural composite and Durability Section CSIR – CBRI, Roorkee
	10:45 a.m. to 11.00 a.m.	Tea Break		
	11.00 a.m. to 12.30 p.m.	SESSION II	Use of Photogrammetric in 3D Modeling and Visualization of Buildings Smart Buildings	Dr.R.Siva Chidambaram Scientist, Advanced Structural composite and Durability Section CSIR – CBRI, Roorkee
	12.30 p.m.to 1.30 p.m.	Lunch Break		
	1.30 p.m.to 2.45 p.m.	SESSION III	Advanced field testing for compaction control at the site	Mrs.S.Premasundari AP /Civil , NPRCET
	2.45 p.m.to 3.00 p.m.	Tea Break		
	3.00 p.m.to 3.45p.m.	SESSION IV	Advanced field testing for compaction control at the site	Mrs.S.Premasundari AP /Civil , NPRCET
Day 4 20.08.2020	9:30 a.m.to 10:45 a.m.	SESSION I	Introduction of Non Destructive Structures	Mr.C.Vijayakumar AP /Civil, NPRCET
	10:45 a.m. to 11.00 a.m.	Tea Break		
	11.00 a.m. to 12.30 p.m.	SESSION II	Nondestructive evaluation of structures	Er.A.Karthikeyan, Karthikeyan Associates, Structural and Geo Technical Engineer
	12.30 p.m.to 1.30 p.m.	Lunch Break		





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DEPARTMENT OF CIVIL ENGINEERING

	1.30 p.m.to 2.45 p.m.	SESSION III	Nondestructive evaluation of structures	Er.A.Karthikeyan Karthikeyan Associates, Structural and Geo Technical Engineer
	2.45 p.m.to 3.00 p.m.	Tea Break		
	3.00 p.m.to 3.45p.m.	SESSION IV	Non destructive evaluation of structures	Er.A.Karthikeyan Karthikeyan Associates, Structural and Geo Technical Engineer
Day 5 21.08.2020	9:30 a.m.to 10:45 a.m.	SESSION I	Analysis of thermal characteristics of Geo materials	Dr.R.Siva Chidambaram Scientist, Advanced Structural composite and Durability Section CSIR – CBRI, Roorkee
	10:45 a.m to 11.00 a.m.	Tea Break		
	11.00 a.m. to 12.30 p.m.	SESSION II	Analysis of thermal characteristics of Geo materials	Dr.R.Siva Chidambaram Scientist, Advanced Structural composite and Durability Section CSIR – CBRI, Roorkee
	12.30 p.m.to 1.30 p.m.	Lunch Break		
	1.30 p.m.to 2.45 p.m.	SESSION III	Analysis of thermal characteristics of Geo materials	Dr.R.Siva Chidambaram Scientist, Advanced Structural composite and Durability Section CSIR – CBRI, Roorkee
	2.45 p.m.to 3.00 p.m.	Tea Break		
	3.00 p.m.to 3.45p.m.	SESSION IV	Questionary Session	
	3.45p.m. to 4.00 p.m.	Valedictory		


Programme Co-ordinator
P.MANI KANDAN


HOD-Civil
Head of the Department
Department of Civil Engineering
NPR College of Engineering & Technology
Natham, Dindigul (DT) - 624 401.



DEPARTMENT OF CIVIL ENGINEERING

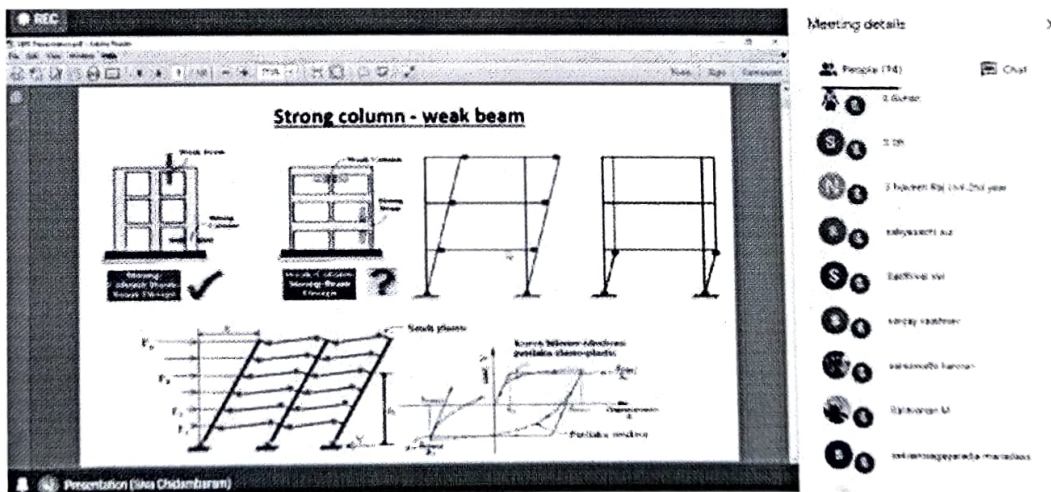
Five Days Faculty Development Programme

on

INNOVATIVE CONTACTLESS INVESTIGATION TECHNIQUES IN CIVIL ENGINEERING Photograph



Presentation of our Chief Guest Dr.R.Siva Chidambaram Scientist, CSIR – CBRI, Roorkee.



Our chief guest Dr.R.Siva Chidambaram Scientist explaining the Non Destructive structures to our participants





DEPARTMENT OF CIVIL ENGINEERING

Five Days Faculty Development Programme

on

INNOVATIVE CONTACTLESS INVESTIGATION TECHNIQUES IN CIVIL ENGINEERING

Summary Report

Department of Civil Engineering Organized a FDP from 17.08.2020 to 21.08.2020. The Inauguration function for the FDP was conducted on 17.08.2020 at 9.30 a.m. through Google Meet. Principal Dr.J.Sundararajan, HoD Dr.A.Hemalatha and the Chief Guest Dr.R.Siva Chidambaram Scientist participated in the inaugural session.

Mr.P.Manikandan, Assistant Professor-Civil Engineering, welcomed the gathering. Dr.A.Hemalatha enlightened the audience by relating the current trends in investigation Techniques in Civil Engineering in real time applications. He explained the objective of recent innovative investigation techniques in civil Engineering in concern to the thrust areas of research as well as in relation with academics.

Principal, Dr.J.Sundararajan felicitated the function with his inspiring words and finally thanked the organizing team for the arrangements made. Chief guest Dr.R.SivaChidambaram Scientist during his presidential address shared a lot of real time experiences in construction to all the participants. After that, by 10.00 a.m, the first session on Applications of Drone survey in Civil Engineering was started. As per the schedule all internal and external resource persons delivered the lecture on their respective topics as per the planned schedule. Totally 45 Participants were participated in this programme.


On 21.08.20, during the valedictory session, the participants gave feedback about the programme and arrangements. Then the programme Co-ordinator Mr.P.Manikandan, delivered the vote of thanks, the arrangement of certificates were sent through Gmail to the participants and the programme came to an end



 Programme Co-ordinator
 P. MANIKANDAN



 HoD Civil


 IQAC Co-ordinator


 Principal


 Head of the Department
 Department of Civil Engineering
 NPR College of Engineering & Technology
 Natham, Dindigul (Dt) - 624 401


 Coordinator
 NPR College of Engineering & Technology
 Natham, Dindigul (Dt) - 624 401


 Principal
 NPR College of Engineering & Technology
 Natham, Dindigul (Dt) - 624 401





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DEPARTMENT OF CIVIL ENGINEERING

Five Days Faculty Development Programme

on

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CERTIFICATE



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

THREE DAYS WORKSHOP ON MATLAB & SIMULINK

18th to 20th AUGUST 2020

ACADEMIC YEAR: 2020-2021

SEMESTER: ODD


DURATION: 3 DAYS

INDEX

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 Programme Co-ordinator


 HoD-EEE


 Co-ordinator IQAC


 Principal

Head of the Department
 Department of Electrical & Electronics Engineering

NPR College of Engineering & Technology
 Natham, Dindigul (DT) - 624 401.

NPR College of Engineering & Technology
 Natham, Dindigul (Dt) - 624 401.



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

PERMISSION LETTER

DATE: 28.07.2020

From

Prof. G. Elangovan
Head of the Department,
Department of Electrical and Electronics Engineering,
NPR College of Engineering & Technology,
Natham, Dindigul.

To

The Principal,
NPR College of Engineering & Technology,
Natham, Dindigul.

Respected Sir,

Sub: Requisition for organizing three days Workshop on 'MATLAB & SIMULINK'.

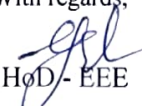
We, the Department of Electrical and Electronics Engineering, have proposed to organize Three days workshop on 'MATLAB & SIMULINK' to the Internal and External faculties of Electrical and Electronics Engineering department from 18.08.2020 to 20.08.2020 in our college premises. Mr.K. Ramakrishnan Managing Director, Solypsis Labs India Private Limited, Bengaluru, Mr. R. Jaikumar, Senior Software Engineer, Solypsis Labs India Private Limited, Bengaluru and Dr.P.Selvam, Associate Professor/EEE, Government College of Engineering, Tirunelveli. We expect around 110 delegates from various institutions. We request you to grant permission to organize the same.

Thanking You,

Yours sincerely
Mr. G. Elangovan
HOD-EEE

Head of the Department
Department of Electrical & Electronics Engineering
NPR College of Engineering & Technology
Natham, Dindigul (DT) - 624 401.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

COVERING LETTER	
<p>Chief Patron Dr.K.K.Shyam Umasankar Executive Director, NPRGI</p> <p>Patron Dr. J. Sundararajan, Principal</p> <p>Convener Prof. G.Elangovan, HOD / EEE</p> <p>Co-ordinator Mr.T.Sivakumar AP/EEE</p> <p>Organizing Committee Members</p> <ol style="list-style-type: none"> 1. Mr.S.Sathyamoorthi, AP/EEE 2. Mrs.Anitha AP/EEE 3. Ms.K.Tamilselvi, AP/EEE 4. Mr.M.Edwin Lawrance, AP/EEE 	<p align="right">Date: 30.07.2020</p> <p>To The Principal / Dean / Director, All Engineering Colleges.</p> <p><i>Dear Sir / Madam,</i></p> <p>Sub: Three days Workshop on 'MATLAB & SIMULINK' – Reg.</p> <p>We have great pleasure in informing you that the Department of Electrical & Electronics Engineering, NPR College of Engineering & Technology, Natham is organizing Three Days Workshop on 'MATLAB & SIMULINK' from 18th Aug to 20th Aug 2020.</p> <p>The objective of this programme is to familiarize and train the industrial experts, academicians and research scholars in these emerging areas. We shall be glad to receive nominations from your Institution on or before 15.08.2020.</p> <p>Kindly forward the attached brochure to the EEE department. Looking forward to your kind cooperation for the success of the workshop</p> <p align="right">Thanking you,</p> <p align="right">With regards,  HoD - EEE Prof. G.Elangovan</p>



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Brochure

ABOUT COLLEGE

NPR College of Engineering & Technology is one of the premier institutions in South Tamil Nadu situated near Natham in Dindigul District. The Institution was established in 2008 by Tish Educational Trust with an exalted aim of uplifting the rural students to excel in the field of Engineering and Technology. It is approved by AICTE and affiliated to Anna University, Chennai. The Institution encompasses a lush green environment with lawns and gardens in pristine surroundings conducive for learning. The Institution offers 8 Under Graduate courses in Engineering and 1 Post graduate course in Engineering as well as Management studies. Our college is an institutional life member of various professional bodies like IUI, BIC, PIC and QI. Our institution has Centre of Excellence in CISCO, IIT, Red Hat Academy, Rural Entrepreneurship Development Cell and local chapter of NPTEL. College has a vibrant Placement Cell, Women Development Cell, Industry - Institute Interaction Cell, Internal Quality Assurance Cell and signed MoUs with leading National and International engineering industries. Being the green campus, our college is honored with NGEN Award and JAL SANTHI award for Clean and Smart campus by AICTE in 2019.

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering was started in the year 2008. It offers a four year B.E. degree programme in Electrical and Electronics Engineering and Two year PG programme in M.P. - Power Electronics and drives. The course has been designed to provide students a strong foundation in theory to equip them with skills that are necessary to grasp and develop new technologies. The faculty members are dedicated towards maintaining a high quality of teaching and always encourage innovative research.

OBJECTIVE

This workshop explores emerging trends and software coding in the field of Matlab Simulation. Thus this workshop will enable the staff members and PG Students/ Research Scholars to work in the right direction and strengthen them in producing a good

Research Thesis/ Technical paper for Journal publications

RESOURCE PERSONS

1. Mr.K.Ramakrishna
Managing Director,
Sriyukelshel India Private Limited, Bengaluru
2. Mr.R.Jaikumar
Senior Software Engineer,
Sulysis Global India Private Limited, Bengaluru
3. Dr.P.Selvam
Associate Professor,
Government College of Engineering,Tirunelveli.

BOARDING AND LODGING

Accommodations and Boarding if required will be provided in the College campus on chargesable basis.

COURSE FEE AND REGISTRATION

Details	Amount
Registration fee	Rs. 500/- (Faculty Members) Rs. 100/- (Students/ Research Scholars)
Accommodation and Boarding	Rs. 100/- per day

Duly filled in registration form with the Demand Draft on favor of "NPR College of Engineering and Technology" payable at Dindigul should reach the Coordinator on or before 17.08.2020.

As we have limited number of entries, priority will be given on first come first served basis. Student participants must bring their ID Cards.

IMPORTANT DATES

Last date for Receipt of Application: 15.08.2020
Final Selection : 16.08.2020

CONTACT US

The Coordinator,
Workshop on MATLAB & SIMULINK,
Department of EEE,
NPR College of Engineering and Technology,
NPR Nagar, Natham - 624 401
Phone: 04544- 305 516, 9003486057, 9944380995.
E-mail: nprcetee@nprcolleges.org

THREE DAYS WORKSHOP On "MATLAB & SIMULINK"

18th to 20th August 2020

Organized by

Department of
Electrical and Electronics Engineering



NPR College of Engineering and Technology,

NPR Nagar, Natham - 624 401

Phone: 04544- 305 516, 9003486057, 9944380995.

E-mail: nprcetee@nprcolleges.org

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

The Management, Principal and Staff

Cordially invite you for the inauguration of

THREE DAYS WORKSHOP

on

'MATLAB & SIMULINK'

from 18th to 20th August 2020

Venue: NPRCET SEMINAR HALL

Chief Guest

Dr.S.Manoharan

Professor & Head,

Department of E&I

Karpagam College of Engineering, Coimbatore.

Prof. Dr.J.Sundararajan

Principal,

NPR College of Engineering & Technology

Felicitates the function

Organized By

*Department of ELECTRICAL & ELECTRONICS ENGINEERING,
 NPR College of Engineering & Technology, Natham.*

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

WORKSHOP AGENDA

DAY 1	Session descriptions
	Registration (9:00 a.m.)
	Lighting Lamb & Inauguration (9:30 a.m. to 10:00 a.m.)
	Session 1: Matlab/Simulink applications in Electrical engineering (10:00 a.m. to 11:30 a.m.)
	Break (11:30 a.m. to 11.45 am)
	Session 2: Algorithm development (11:45 a.m. to 01:15 p.m.)
	Lunch (01:15 p.m. to 02: 00 p.m.)
	Session 3: Modelling, simulation and prototyping (02:00 p.m. to 03: 15 p.m.)
	Break (03:15 p.m. to 03:25 p.m)
	Session 4: Data analysis, exploration, and visualization (03:20 p.m. to 04: 00 p.m.)
DAY 2	Session 5: Scientific and engineering graphics (10:00 a.m. to 11:30 a.m.)
	Break (11:30 a.m. to 11.45 am)
	Session 6: Application development (11:45 a.m. to 01:15 p.m.)
	Lunch (01:15 p.m. to 02: 00 p.m.)
	Session 7: Simulink Concepts, Interactive Model Editing (02:00 p.m. to 03: 15 p.m.)
	Break (03:15 p.m. to 03:25 p.m)
	Session 8: Programmatic Model Editing (03:25 p.m. to 04: 00 p.m.)
DAY 3	Session 9: Model Upgrades, Block Libraries (10:00 a.m. to 11:30 a.m.)
	Break (11:30 a.m. to 11.45 am)
	Session 10: Simulink Environment Customization
	Lunch (01:15 p.m. to 02: 00 p.m.)
	Session 11: Containing Graphical User Interface building (02:00 p.m. to 03: 15 p.m.)
	Break (03:15 p.m. to 03:25 p.m)
	Valedictory (03.30 p.m. to 4.00 p.m.) & National anthem



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

THREE DAYS WORKSHOP

on

‘MATLAB & SIMULINK’

PROGRAMME SCHEDULE

Venue: NPRCET SEMINAR HALL

Date: 18.08.2020

<p>EXTERNAL RESOURCE PERSONS:</p> <p>INDUSTRY EXPERTS:</p> <ol style="list-style-type: none"> Mr.K. Ramakrishnan, Managing Director, Solypsis Labs India Private Limited, Bengaluru, Karnataka. Mr. R Jaikumar, Senior Software Engineer, Solypsis Labs India Private Limited, Bengaluru Karnataka <p>ACADEMICIAN:</p> <ol style="list-style-type: none"> Dr.P.Selvam, Associate Professor/EEE, Government College of Engineering, Tirunelveli, Tamil Nadu. 	<p>INTERNAL RESOURCE PERSON:</p> <ol style="list-style-type: none"> Mr.T.Sivakumar AP/EEE NPR College of Engineering & Technology
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

PROGRAMME SCHEDULE				
DATE	TIME	SESSION	TOPIC	RESOURCE PERSON
Day 1 18.08.2020	9:00 a.m.	Registration		
	9:30 a.m. to 10:00 a.m.	Inauguration		
	10:00 a.m. to 11:30 a.m.	SESSION I	Matlab/Simulink applications in Electrical engineering	Dr.S.Manoharan Professor & Head, Department of E&I Karpagam College of Engineering, Coimbatore
	11:30 a.m. to 11:45 am	Tea Break		
	11:45 a.m. to 01:15 p.m.	SESSION II	Algorithm development	Mr.K. Ramakrishnan, Managing Director, Solypsis Labs India Private Limited, Bengaluru.
	01:15 p.m. to 02: 00 p.m.	Lunch Break		
	02:00 p.m. to 03: 15 p.m.	SESSION III	Modelling, simulation and prototyping	Mr. R Jaikumar, Senior Software Engineer, Solypsis Labs India Private Limited, Bengaluru.
	03:15 p.m. to 03:30 p.m.	Tea Break		
	03:30 p.m. to 04: 45 p.m.	SESSION IV	Data analysis, exploration, and visualization	Mr. R Jaikumar, Senior Software Engineer, Solypsis Labs India Private Limited, Bengaluru.



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

PROGRAMME SCHEDULE				
DATE	TIME	SESSION	TOPIC	RESOURCE PERSON
Day 2 19.08.2020	10:00 a.m. to 11:30 a.m.	SESSION I	Scientific and engineering graphics	Mr. R Jaikumar, Senior Software Engineer, Solypsis Labs India Private Limited, Bengaluru.
	11:30 a.m. to 11:45 am	Tea Break		
	11:45 a.m. to 01:15 p.m.	SESSION II	Application development	Mr. R Jaikumar, Senior Software Engineer, Solypsis Labs India Private Limited, Bengaluru.
	01:15 p.m. to 02:00 p.m.	Lunch Break		
	02:00 p.m. to 03:15 p.m.	SESSION III	Simulink Concepts, Interactive Model Editing	Mr.K. Ramakrishnan, Managing Director, Solypsis Labs India Private Limited, Bengaluru.
	03:15 p.m. to 03:30 p.m.	Tea Break		
	03:30 p.m. to 04:45 p.m.	SESSION IV	Programmatic Model Editing	Mr.K. Ramakrishnan, Managing Director, Solypsis Labs India Private Limited, Bengaluru.



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

PROGRAMME SCHEDULE				
DATE	TIME	SESSION	TOPIC	RESOURCE PERSON
Day 3 20.08.2020	10:00 a.m. to 11:30 a.m.	SESSION I	Model Upgrades, Block Libraries	Dr.P.Selvam, Associate Professor/EEE, Government College of Engineering, Tirunelveli, Tamilnadu.
	11:30 a.m. to 11.45 am	Tea Break		
	11:45 a.m. to 01:15 p.m.	SESSION II	Simulink Environment Customization	Dr.P.Selvam, Associate Professor/EEE, Government College of Engineering, Tirunelveli, Tamilnadu.
	01:15 p.m. to 02: 00 p.m.	Lunch Break		
	02:00 p.m. to 03: 15 p.m.	SESSION III	Containing Graphical User Interface building	Mr. T.Sivakumar, AP/EEE, NPRCET,Natham
	03:15 p.m. to 03:30 p.m.	Tea Break		
	03.30 p.m. to 4.00 p.m.	Valedictory		


 Programme Co-ordinator


 HoD-EEE




 Principal

Head of the Department
 Department of Electrical & Electronics Engineering
NPR College of Engineering & Technology
 Natham, Dindigul (DT) - 624 401.

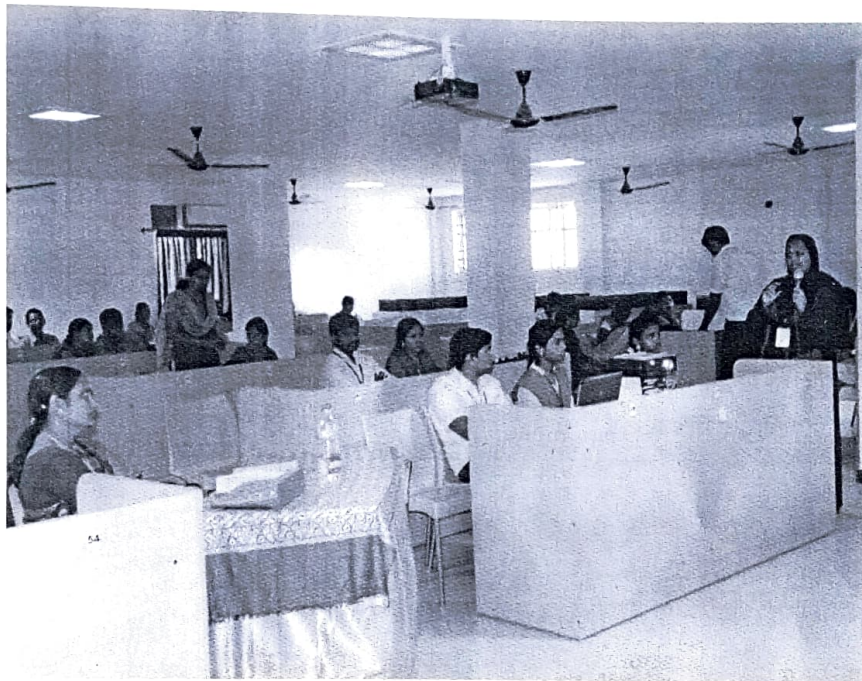
Principal
NPR College of Engineering & Technology
 Natham, Dindigul (Dt) - 624 401.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

THREE DAYS WORKSHOP

on

‘MATLAB & SIMULINK’



Practice Session

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

THREE DAYS WORKSHOP on 'MATLAB & SIMULINK' PARTICIPANTS FEEDBACK REPORT

I attended the Three days Workshop on Matlab & Simulink, which actually was more informative also I had the foundation to start my research work. The hospitality at NPR College of Engg & Tech was very good. I enjoyed the program, the to coordinators and department faculty for their support and cooperation.

Raj Kumar
(R. Raj Kumar) asst
Treasurer of
M. S. S. S.

11

FEEDBACK SUMMARY

Overall, attendees characterized the workshop as very useful and targeting the right impediments to enhancing diversity in engineering education. They were very satisfied with the workshop speakers and the topics discussed. Attendees also reported increased awareness, knowledge gains, and collaboration and implementation ideas in enhancing diversity as a result of the workshop. Attendees had specific recommendations for improving future workshops by providing more time, background information, and documentation, as well as a clearer rationale for breakout group assignments; by diversifying the institutional mix at the workshop; and by securing buy-in and commitment from decision makers. In addition, there were suggestions about broadening the focus beyond ethnic diversity and addressing new topics at future workshops.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

THREE DAYS WORKSHOP

on

'MATLAB & SIMULINK'

SUMMARY REPORT

Our workshop session began with inauguration at 09:30 a.m on 18.08.2020. The venue was NPRCET seminar hall. Dignitaries of the programme were Prof. Dr. J.Sundararajan, Principal, NPR College of Engineering & Technology and the chief guest Prof. Dr. S.Manoharan, Professor & Head, Department of E&I, Coimbatore who graced the inaugural session by lighting the lamp.

Mr.T.Sivakumar Assistant Professor, EEE, NPR College of Engineering & Technology addressed the gathering by welcoming the guests and all the participants who came from various institution.

Prof. G.Elangovan, Head of Electrical & Electronics Engineering department, educated the audience on the prospects and challenges in power electronics for electric vehicles, as well as their impact on renewable energy systems.

Our Principal Prof. Dr.J.Sundararajan congratulated all the participants and the organizing team.

Chief Guest of the day Dr.S.Manoharan, Professor & Head, Department of E&I, Karpagam College of Engineering, Coimbatore gave a primary motivation to all the participants.

The Program was concluded by Valedictory function. The dignitaries who graced the occasion were Prof. Dr.J.Sundararajan, NPR College of Engineering & Technology, Prof. G.Elangovan, Head of EEE, NPR College of Engineering & Technology and the external resource person Mr.K. Ramakrishnan, Managing Director, Solypsis Labs India Private Limited, Bengaluru, Mr. R. Jaikumar, Senior Software Engineer, Solypsis Labs India Private Limited, Bengaluru and Dr. P. Selvam, Associate Professor/EEE, Government College of Engineering, Tirunelveli, Tamil Nadu .

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

The valedictory function was initiated by Head, Prof. G.Elangovan, who addressed the gathering by congratulating all the participants for attending the workshop. Later Certificates were distributed to the 60 participants from various Institutions by Prof. G.Elangovan, followed by the feedback of the participants regarding the workshop. Finally vote of thanks was delivered by the workshop coordinator Mr.T.Sivakumar AP/EEE, to all the dignitaries, participants, teaching and non-teaching staff of Department of EEE of NPR College of Engineering & Technology. The session was finally concluded with National Anthem.


 Programme Co-ordinator


 HoD-EEE


 Co-ordinator IQAC


 Principal

Head of the Department
 Department of Electrical & Electronics Engineering
 NPR College of Engineering & Technology
 Natham, Dindigul (Dt) - 624 401

Coordinator - IQAC

Principal





DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

THREE DAYS WORKSHOP

on

'MATLAB & SIMULINK'

CERTIFICATE

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

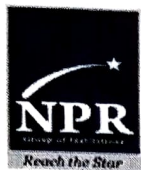
CERTIFICATE

This is to certify that Dr./Mr./Mrs./Ms.
has attended Three
 Days Workshop on "MATLAB & SIMULINK" at NPR College of Engineering and
 Technology, Natham, Dindigul from 18.08.2020 to 20.08.2020.

CO-ORDINATOR

HOD EEE

PRINCIPAL



NPR College of Engineering & Technology

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DEPARTMENT OF SCIENCE & HUMANITIES

Five Days Faculty Development Programme

on

'RESEARCH METHODOLOGY: TOOLS & TECHNIQUES'

INDEX

ACADEMIC YEAR: 2020 -2021

SEMESTER: I

DURATION: Five Days

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Programme Co-ordinator


HoD-S&H


IQAC Co-ordinator


Principal

Coordinator - IQAC
NPR College of Engineering & Technology
Natham, Dindigul (Dt)-624 401

Dr. J.SUNDARARAJAN,
B.E., M.Tech., Ph.D.,
Principal
N.P.R. College of Engineering & Technology
Natham, Dindigul (Dt) - 624 401.





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DEPARTMENT OF SCIENCE & HUMANITIES

PERMISSION LETTER

DATE: 02.07.2020

From

Dr.T.PRIYA
Head of the Department
Department of S&H,
NPR College of Engineering & Technology,
Natham

To

The Principal,
NPR College of Engineering & Technology,
Natham.

Respected Sir,

Sub: Requisition for organizing FDP on '**RESEARCH METHODOLOGY: TOOLS & TECHNIQUES**'-
Reg.

We, the Department of S&H proposed to organize a Faculty Development Programme on '**RESEARCH METHODOLOGY: TOOLS & TECHNIQUES**' to the faculties of our college and other colleges from 06.07.2020 to 10.07.2020 in our college premises.

1. Dr.A.Joseph Dorairaj, Professor, Department of English, Gandhigram Deemed University.
2. Dr. T, Arokiadoss, Head - Department of Physics, MK University, Madurai.
3. Dr.S.Jeyabharathi, Head - Department of Mathematics, Thiagarajar college of engineering, Madurai
4. Dr.P.Kalyani, Head - Department of Chemistry, MK University, Madurai.
5. Dr.S.Arumugam, Professor (Rtd),GRI, Gandhigram Deemed University, are going to be the resource persons for this FDP. We request you to grant permission to organize the FDP.

Thanking you



Yours Faithfully,

T. Priya
Dr.T.PRIYA

HoD- S&H



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DEPARTMENT OF SCIENCE & HUMANITIES

CIRCULAR


DATE: 02.07.2020


This is to inform that Department of Science & Humanities has planned to conduct Five Days FDP on 'RESEARCH METHODOLOGY: TOOLS & TECHNIQUES' to the Internal and External faculties from S&H Department in our college campus during this academic year 2020 - 2021. Interested Staff Members may kindly register their names to the Programme coordinator.

The details of the training programme are given below:

EVENT	:	Five Days FDP on 'RESEARCH METHODOLOGY: TOOLS & TECHNIQUES'
RESOURCE PERSONS	:	1. Dr.A.Joseph Dorairaj 2. Dr.T. Arokiadoss 3. Dr.S.Jeyabharathi 4. Dr.P.Kalyani 5. Dr.S.Arumugam,
VENUE	:	NPRCET Seminal Hall
DATE	:	06.07.2020 to 10.07.2020
SESSION TIMING (for all days)	:	9:30 a.m. to 12:30 p.m. 1:30p.m. to 4:00 p.m.
PROGRAMME CO-ORDINATOR	:	Mrs.R.Muthukumari, AP/Maths


Programme Co-ordinator


HoD-S&H


IQAC Co-ordinator


Principal

Dr. J.SUNDARARAJAN

B.E., M.Tech., Ph.D.

Principal

Coordinator - IQAC
NPR College of Engineering & Technology
Natham, Dindigul (Dt)-624 401

N.P.R. College of Engineering & Technology,
Natham, Dindigul (Dt) - 624 401.





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DEPARTMENT OF SCIENCE & HUMANITIES

COVERING LETTER

Chief Patron

Mr.M. Sivakumar

Chief Administrative officer

Patron

Dr.J.Sundararajan

Principal

Convener

Dr.T.Priya

HoD - S & H

Co-ordinator

Mrs.R.Muthukumari, AP/Maths

Organizing Committee Members

1.Mrs.K.Poorani, AP/Physics

2.Mrs.S.Kanagalakshmi, AP/Maths

3. Mr.U.VijayaNarayanan, AP/Maths

Date: 02.07.2020

To

The Principal / Dean / Director,
All Engineering Colleges.

Dear Sir / Madam,

Sub: Five days Faculty Development Programme on **"RESEARCH METHODOLOGY: TOOLS & TECHNIQUES"** – Reg.,

We have a great pleasure in informing you that the Department of Science & Humanities of NPR College of Engineering & Technology, Natham is organizing five days Faculty Development Programme on **"RESEARCH METHODOLOGY: TOOLS & TECHNIQUES"** from 06th July to 10th July 2020.

The objective of the FDP is to make the participant faculty conversant with new techniques and Research. The participants could develop the skills of maintaining work life balance, perform advanced research and quality publications and enhance teaching scope in the courses handling. Please find the details of the above FDP in the enclosed brochure. We request you to sponsor faculty members from S&H departments of your esteemed institution/organization for this five Days Faculty Development Programme. We shall be glad to receive nominations from your Institution on or before 04.07.2020

Kindly forward the attached brochure to the respective departments (S&H). Looking forward to your kind cooperation for the success of the FDP.

Thanking you

With regards,

Dr.T.Priya
HoD- S&H



REGISTRATION FORM

FACULTY DEVELOPMENT PROGRAMME

On

"RESEARCH METHODOLOGY: TOOLS & TECHNIQUES"

06TH TO 10TH JULY 2020

(To be filled in block letters)

Name :

Department:

Gender : Male / Female

Designation :

Organization :

Address for Communication:

.....

.....

Phone :

Email id :

Mode of Payment : DD ☐ CASH ☐

If DD

DD No.:

Name of Bank:

Date:

Amount Rs.

[Rs.500/- Demand Draft should be drawn in favour of "The

Principal,NPR College of Engineering & Technology" payable

at Natham]

Date:

Signature:

ORGANIZING COMMITTEE

Chief Patron

Mr.M.Sivakumar

Chief Administrative Officer,

NPR Group of Institutions,

Natham - 624 401.

Patron

Prof. Dr. J. Sundararajan,

Principal,

NPR College of Engineering & Technology,

Natham - 624 401.

Convener

Dr.T.Priya

HOD / S&H

Co-ordinator

Mrs.R.Muthukumari,AP/Maths

Members

1. Mrs.K.Poorani, AP/Physics

2. Mrs.S.Kanagalakshmi,AP/Maths

3. Mr.U.Vijaya Narayanan, AP/Maths

FACULTY DEVELOPMENT PROGRAMME

On

"RESEARCH METHODOLOGY: TOOLS & TECHNIQUES"

06TH TO 10TH JULY 2020

Organized by

Department

of

SCIENCE AND HUMANITIES



NPR COLLEGE OF ENGINEERING

&

TECHNOLOGY

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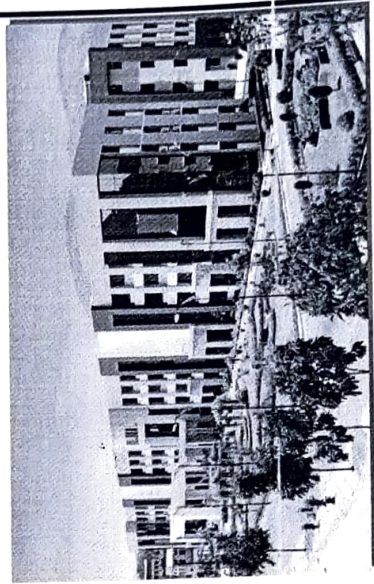
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Natham - 624 401.

Phone : 04544 246500, 501, 502

Fax : 04544 246511

E-mail : nprcets&h@nprcolleges.org



ABOUT THE INSTITUTION

NPR College of Engineering & Technology (NPRCET) offers top class education in Engineering & Business Administration at UG, PG. It has well qualified staff, state of the art laboratories and all facilities. NPRCET has been created with an exalted aim of bringing students especially from the rural areas into the fields of Engineering and Technology. The NPR College of Engineering and Technology was established in the year 2008 with a basic goal to impart quality, discipline and education. The campus is spread over 100 a large environment with lots of green cover and pristine surroundings. We ensure that our institute can provide suitable industry engagement and career opportunities for students.

The NPR College of Engineering and Technology entered into e-revolution by making the entire campus Wi-Fi with 100 Mbps Internet facilities. The campus also holds the distinction by having a world class cricketing turf, the first of its kind in south Tamil Nadu. It is our pleasure to highlight that our college is the remote centre for IIT Kharagpur, centre of excellence with HCL for placement training & MoU with Electronics Corporation of India, UTL Tech Bengaluru, CISCO, Tech Mahendra, Tekbos India Pvt Ltd, Chennai Sardar Motor, Earth Institute.

ABOUT THE DEPARTMENT

Department of Science and Humanities constitutes the whole universe of intellectual domains, spanning the entire range of knowledge pertinent to scientific and technology prospects of the future



The department was established in the academic year 2008-2009. The department is always striving hard to create and nurture scientific ideas in the young minds

The department is equipped with physics laboratory, chemistry laboratory and communication skills laboratory.

OBJECTIVE

Scope of the Training Programme:

To conduct the programme to build research, teaching and administration competence for holistic development of individual. To organize advanced level capacity enhancement and continuous knowledge up gradation training programme for people working in different capacities and roles.

To focus different modes of approach in order to meet the challenges of life in order to become not merely a trained professional but also a better citizen

RESOURCE PERSONS

- 1. Dr.A. Joseph Dorairaj**
Department of English
Gandhigram deemed university, Dindigul.
- 2. Dr.P. Kalyani**
Department of Chemistry
Head-Department of chemistry, MK University,
Madurai
- 3. Dr.S. Jeyabharathi,**
Head-Department of Mathematics,
Thiagarajar college of engineering, Madurai
- 4. Dr.S. Arumugam,**
Professor (Rtd), GRI,
Gandhigram Deemed University, Dindigul.

IMPORTANT DATES

Last date for Receipt of Application: 01.07.2020
Intimation of Selection : 04.07.2020

REGISTRATION FEE DETAIL

Details	Amount
Registration fee	Rs. 800/- (Faculty Members)
Accommodation and Boarding	Rs. 200/- per day

ABOUT THE LOCATION

NPRCET is situated at Natham which is 27 kms away from Dindigul and 35 kms away from Madurai, Tamil Nadu.

VENUE

NPRCET SEMINAR HALL
Department of Science and Humanities
NPR College of Engineering & Technology
Natham-624 401

ADDRESS FOR CORRESPONDENCE

Dr.T.Priya,
HOD / S&H
NPR College of Engineering & Technology,
Natham - 624 401.
Tamil Nadu. Mobile: 9790556663
Email ID: nprcets&h@nprcolleges.org



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DEPARTMENT OF SCIENCE & HUMANITIES

The Management, Principal and Staff

Cordially invite you for the inauguration of
Five Days Faculty Development Programme

on

'RESEARCH METHODOLOGY: TOOLS & TECHNIQUES'

On 06th July, 2020

Venue: NPRCET Seminar Hall

Chief Guest

Dr.A.Joseph Dorairaj,
Professor, Gandhigram Deemed University.

Dr.J.Sundararajan

Principal,

NPR College of Engineering & Technology

Felicitates the function

Organized by

Department of Science & Humanities,
NPR College of Engineering & Technology,
NPR Nagar, Natham.





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DEPARTMENT OF SCIENCE & HUMANITIES

Five Days Faculty Development Programme

on

RESEARCH METHODOLOGY: TOOLS & TECHNIQUES

Course content:

The Theoretical sessions will be conducted which will include the following topics:

- Developing beginning –of- day and end- of- day routines
- Focus on the talk in front of us
- Addition of screen –free breaks during the day
- Maintaining the mental health
- Advanced statistical techniques
- Skill Enhancement

Programme Co-ordinator

HoD-S&H

IQAC Co-ordinator

Principal

Coordinator - IQAC
NPR College of Engineering & Technology
Natham, Dindigul (Dt)-624 401

Principal

N.P.R. College of Engineering & Technology
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DEPARTMENT OF SCIENCE & HUMANITIES

Day 3 08.07.2020				Madurai
	10:45 a.m. to 11.00 a.m.		Tea Break	
	11.00 a.m. to 12.30 p.m.	SESSION II	Research data collection tools and techniques	Ms. A. Sakthi Balaji, AP/Physics
	12.30 p.m. to 1.30 p.m.		Lunch Break	
	1.30 p.m. to 2.45 p.m.	SESSION III	Scientometric	Mrs. R. Muthukumari, SP/Maths
	2.45 p.m. to 3.00 p.m.		Tea Break	
Day 4 09.07.2020	3.00 p.m. to 4.00 p.m.	SESSION IV	Research Opportunities in Control Engineering	Mrs. A. Kanimozhi, AP/Maths
	9:30 a.m. - 10:45 a.m.	SESSION I	Research facilities and Instrumentation	Ms. G. Sornambigai, AP/Physics
	10:45 a.m. to 11.00 a.m.		Tea Break	
	11.00 a.m. to 12.30 p.m.	SESSION II	Mathematical Modeling in Engineering	Dr. P. Kalyani, Head Department of Chemistry, MK University, Madura
	12.30 p.m. to 1.30 p.m.		Lunch Break	
	1.30 p.m. to 2.45 p.m.	SESSION III	Introduction to Simulation Tools (EES)	Ms. S. Suganya, AP/English
Day 5 10.07.2020	2.45 p.m. to 3.00 p.m.		Tea Break	
	3.00 p.m. to 4.00 p.m.	SESSION IV	Research Proposal and Funding Opportunity	Mr. U. Vijayanarayanan AP/MATHS
	9:30 a.m. to - 10:45 a.m.	SESSION I	Reference Manager	Dr. S. Arumugam, Professor (Rtd), GRI, Gandhigram Deemed University
	10:45 a.m. to 11.00 a.m.		Tea Break	
	11.00 a.m. to 12.30 p.m.	SESSION II	Presenting Papers Ethics in Research	Ms. R. Sindhu, AP/English
	12.30 p.m. to 1.30 p.m.		Lunch Break	
	1.30 p.m. to 2.45 p.m.	SESSION III	Characteristics for researcher	Ms. K. Poorani, AP/Physics
	2.45 p.m. to 3.00 p.m.		Tea Break	
	3.00 p.m. to 4.00 p.m.	SESSION IV	Vote of thanks	Dr. T. Priya HOD, S&H

R. Sankar
Programme
Co-ordinator

T. R. J.
HoD/S&H

A. S. M.
IQAC

J. S.
Principal



Coordinator - IQAC
NPR College of Engineering & Technology
Natham, Dindigul (Dt)-624 401

Dr. J. SUNDARARAJAN,
B.E., M.Tech., Ph.D.,
Principal
N.P.R. College of Engineering & Technology
Natham, Dindigul (Dt) - 624 401.



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DEPARTMENT OF SCIENCE & HUMANITIES

PROGRAMME SCHEDULE

DATE	TIME	SESSION	TOPIC	RESOURCE PERSON
Day 1 06.07.2020	9:30 a.m. to 10:00 a.m.	Inauguration		
	10:00 a.m. to 11:10 a.m.	SESSION I	Introduction of Research	Dr.J.Sundararajan, Principal, NPR CET
	11:10 a.m. to 11:30 a.m.	Tea Break		
	11:30 a.m. to 12:30 p.m.	SESSION II	Keynote Address on What is Research, RM and Process	Dr.A.JosephDorairaj, Professor Department of English, Gandhigram Deemed University
	12:30 p.m. to 1:30 p.m.	Lunch Break		
	1:30 p.m. to 2:45 p.m.	SESSION III	Research Design	Mrs.A.Kanimozhi, ASP/MATHS – NPRCET
	2:45 p.m. to 3:00 p.m.	Tea Break		
	3:00 p.m. to 4:00 p.m.	SESSION IV	Literature Review	Mr. U.Vijayanarayanan AP/MATHS – NPRCET
Day 2 07.07.2020	9:30 a.m. - 10:45 a.m.	SESSION I	Patent Search Methodology	Dr. T, Arokiadoss, Head Department of Physics, MK University, Madurai.
	10:45 a.m. to 11:00 a.m.	Tea Break		
	11:00 a.m. to 12:30 p.m.	SESSION II	Advanced Simulation Software Tools	Dr. T, Arokiadoss, Head Department of Physics, MK University, Madurai.
	12:30 p.m. to 1:30 p.m.	Lunch Break		
	1:30 p.m. to 2:45 p.m.	SESSION III	Advanced Simulation Software Tools 2	Mr. P. Madasamy, AP/Maths
	2:45 p.m. to 3:00 p.m.	Tea Break		
	3:00 p.m. to 4:00 p.m.	SESSION IV	Experimental Research	Dr. T. Priya. HOD, S&H
	9:30 a.m. - 10:45 a.m.	SESSION I	Design of Experiments	Dr.S.Jeyabharathi, Head Department of Mathematics, Thiagarajar College of Engineering,





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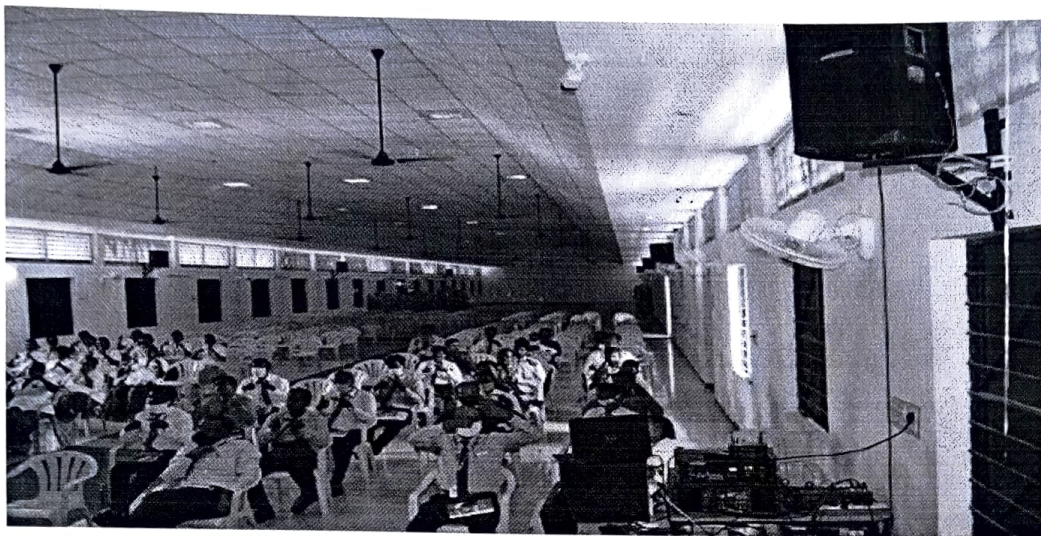
DEPARTMENT OF SCIENCE & HUMANITIES

Five Days Faculty Development Programme

On

RESEARCH METHODOLOGY: TOOLS & TECHNIQUES

PHOTOGRAPHS



Inter College Participants



Chief Guest Presentation



 NPR Reach the Stars	NPR College of Engineering & Technology NPR Nagar, Natham, Dindigul - 624401, Tamil Nadu, India. Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai. An ISO 9001:2015 Certified Institution. Phone No: 04544- 246 500, 246501, 246502. Website : www.nprcolleges.org , www.nprcet.org , Email nprcetprincipal@nprcolleges.org	
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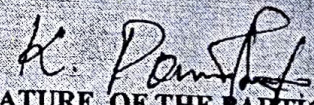
Five Days Faculty Development Programme

on

'RESEARCH METHODOLOGY: TOOLS & TECHNIQUES'

PARTICIPANT FEEDBACK REPORT

I am K. PODOVENDRAN from KLN Institute of Technology, madurai. I have attended the FDP on Research methodology : Tools and Techniques. I have learned many things about Research and funding agency. I am very Thankful for given a wonderful session.


SIGNATURE OF THE PARTICIPANT





NPR College of Engineering & Technology

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DEPARTMENT OF SCIENCE & HUMANITIES


Five days Faculty Development Programme
on

'RESEARCH METHODOLOGY: TOOLS & TECHNIQUES'

Summary Report

Department of Science and Humanities organized a Faculty Development Programme from 06.07.2020 to 10.07.2020. The inauguration function for the FDP was conducted on 06.07.2020 at 9.30 a.m. in NPRCET Seminar Hall. Our Principal Dr.J.Sundararajan, Dr.T.Priya, Head of the Department of Science and Humanities and Dr.A.Joseph Dorairaj graced the inaugural session. Dr.T.Priya, HoD delivered the welcome address. Dr.J.Sundararajan, Principal delivered the felicitation address. Dr.A.Joseph Dorairaj, Professor Department of English, Gandhigram Deemed to be University, Dr. T.Arokiadoss, Head-Department of Physics, MK University, Madurai, Dr.S.Jeyabharathi, Head-Department of Mathematics, Thiagarajar college of engineering, Madurai Dr.P.Kalyani, Head-Department of Chemistry, MK University, Madurai, Dr.S.Arumugam, Professor (Rtd),GRI, Gandhigram Deemed to be University, Mrs.A.Kanimozhi, ASP/Maths and Mrs.K.Poorani AP/Physics and Mr. U.Vijayanarayanan, AP/Maths were the resource persons of the FDP. The resource persons of the function delivered the course contents based on the planned schedule to all the Internal & External participants from various colleges, to enrich their teaching skills.

The FDP became an eye-opener to all the participants. On 06.07.2020, during the valedictory session, the participants gave feedback about the programme and the arrangement. Certificates were distributed to the participants by the principal. Then programme co-ordinator, Mrs.R.Muthukumari, AP/Maths delivered the vote of thanks and the programme came to an end with the National Anthem.


Programme
Co-ordinator


HoD/S&H


IQAC


Principal



Coordinator - IQAC
NPR College of Engineering & Technology
Natham, Dindigul (Dt)-624 401

Dr. J.SUNDARARAJAN,
B.E., M.Tech., Ph.D.,
Principal
N.P.R. College of Engineering & Technology
Natham, Dindigul (Dt) - 624 401.



NPR COLLEGE OF ENGINEERING & TECHNOLOGY

FACULTY DEVELOPMENT PROGRAMME

ON

"RESEARCH METHODOLOGY: TOOLS & TECHNIQUES"

Certificate of Participation

This is to certify that _____ has attended and successfully completed the Faculty Development Programme on "RESEARCH METHODOLOGY: TOOLS & TECHNIQUES" organized by the Department of Science and Humanities, NPR COLLEGE OF ENGINEERING & TECHNOLOGY from 06.07.2020 to 10.07.2020

**PROGRAMME
CO-ORDINATOR**
Mrs.R.Muthukumar,AP/Maths



HOD
Dr.T.Priya,Hod-S&H

PRINCIPAL
Dr.J.Sundararajan

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING


Online Faculty Development Program on ‘EC8791 – Embedded and Real Time Systems’ INDEX


ACADEMIC YEAR: 2020 - 2021


SEMESTER: ODD


DURATION: One week


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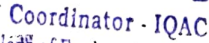

PROGRAM COORDINATOR



HoD-ECE


IQAC COORDINATOR


PRINCIPAL


Head of the Department
 Department of Electronics & Communication
 NPR College of Engineering & Technology
 Natham, Dindigul (DT) - 624 401.


Coordinator - IQAC
 NPR College of Engineering & Technology
 Natham, Dindigul (DT) - 624 401.


Dr. J. SUNDARARAJAN,
 B.E., M.Tech., Ph.D.,
Principal
 NPR College of Engineering & Technology
 Natham, Dindigul (DT) - 624 401.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

PERMISSION LETTER

03.08.2020

From

The Head of the Department,
 Department of Electronics and Communication Engineering,
 NPR College of Engineering & Technology,
 Natham.

To

The Principal,
 NPR College of Engineering & Technology,
 Natham.

Respected Sir,

Sub: Requisition for organizing one week FDP through Online mode on 'EC8791 – Embedded and Real Time Systems' – Reg.

We, Department of Electronics and Communication Engineering, proposed to organize one week Faculty Development Program on 'EC8791 – Embedded and Real Time Systems' to the faculties of our college and other colleges from 24.08.2020 to 29.08.2020 in our campus. Dr.P.Manirajkumar, Professor, Electronics and Communication Engineering, PSNA College of Engineering and Technology, Dindigul, Dr.G.Mohan Babu, Associate Professor, Electronics and Communication Engineering, SSM Institute of Engineering & Technology, Dindigul, Mrs.R.Devika, Assistant Professor, Electronics and Communication Engineering, Sethu Institute of Technology, Kariapatti, Dr.N.M.Masoodhu Banu, Professor, Biomedical Engineering, Vellore Institute of Technology, Chennai, Mrs.R.Sivaranjani, Associate Professor, Electronics and Communication Engineering, Sethu Institute of Technology, Kariapatti and Dr.A.Shenbagavalli, Professor, Electronics and Communication Engineering, National Engineering College, Kovilpatti are going to be the resource persons for this FDP. We expect around 40 delegates from various institutions.

We request you to kindly grant permission to organize the same.

Thanking you

Yours faithfully,

(Dr.A.Gopisaminathan)
 HoD-ECE

Head of the Department
 Department of Electronics & Communication Engineering
 NPR College of Engineering & Technology
 Natham, Dindigul (DT) - 624 401.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

COVERING LETTER

Patron

Prof.Dr.J.Sundararajan
Principal

Date: 12.08.2020

Convener

Dr.A.Gopisaminathan,
HoD-ECE

To

The Principal / Dean / Director,
All Engineering Colleges.

Dear Sir / Madam,

Sub: Online Faculty Development Program on 'EC8791 – Embedded and Real Time Systems' – Reg.

Co-ordinator

Mr.S.Sudhakar, AP-ECE

We have great pleasure in informing you that the Department of Electronics and Communication Engineering, NPR College of Engineering & Technology, Natham is organizing Online Faculty Development Program on 'EC8791 – Embedded and Real Time Systems' from 24.08.2020 to 29.08.2020.

Organizing Committee Members

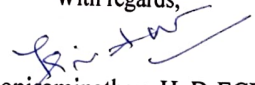
1. Mr.S.M.Vijayarajan, AP-ECE
2. Mr.J.G.Sabarish, AP-ECE
3. Mrs.C.Kannika Parameshwari,
AP-ECE

The objective of the FDP on 'EC8791 – Embedded and Real Time Systems' is to enrich the knowledge and best practices for the young faculty to interact with senior expert academicians and to enhance their teaching learning process in theoretical sessions. Please find the details of the above FDP in the enclosed brochure. We request you to sponsor faculty members from CSE / IT / EEE / ECE departments of your esteemed institution/organization for this Online Faculty Development Program. We shall be glad to receive nominations from your Institution on or before 19.08.2020.

Kindly forward the attached brochure to the respective departments (CSE / IT / EEE/ ECE). Looking forward to your kind cooperation for the success of the FDP.

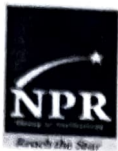
Thanking you,

With regards,


(Dr.A.Gopisaminathan, HoD-ECE)

Convener

Head of the Department
 Department of Electronics & Communication Engineering
 NPR College of Engineering & Technology
 Natham, Dindigul (DT) - 624 401.



NPR College of Engineering & Technology

NPR Nagar, Natham, Dindigul - 624401, Tamil Nadu, India.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Online Faculty Development Program

on

'EC8791 – Embedded and Real Time Systems'

BROCHURE

ABOUT THE INSTITUTION

NPR College of Engineering & Technology offers top class education in Engineering & Business Administration at UG and PG level. It has well qualified staff, state of the art laboratories and all facilities. NPRCET has been created with an exalted aim of bringing students especially from the rural areas into the fields of Engineering & Technology.

NPR College of Engineering & Technology was established in the year 2008 with a basic goal to impart quality education and discipline. The campus is spread over 100 acres of lush green environment with lots of green cover and pristine surroundings. We ensure that our institute can provide suitable industry engagement and career opportunities for students.

NPR College of Engineering & Technology entered into e-revolution by making the entire campus Wi-Fi with 100 Mbps Internet facilities. The campus also holds the distinction by having a world class cricketing turf, the first of its kind in south Tamil Nadu. It is our pleasure to highlight that our college is the remote centre for IIT Kharagpur, Centre of Excellence with IIT for placement training & MoU with Electronics Corporation of India, UTI, Tech Bangalore, CISCO, Tech Mahendra, Tekbros India Pvt Ltd, Chennai, Sandar Motor and Earth Institute.

ORGANIZING COMMITTEE

Patron

Dr. J. Sundararajan

Principal

NPR College of Engineering & Technology

Natham - 624 401

Convener

Dr. A. Gopisaminathan

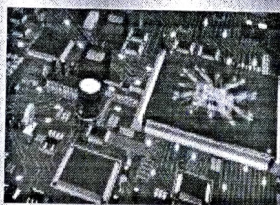
HOD -ECE

Co-ordinator

Mr. S. Sudhakar, Assistant Professor-ECE

Organizing Committee Members

1. Mr. S. M. Vijayarajan, AP-ECE
2. Mr. J. G. Saharish, AP-ECE
3. Mrs. C. Kannika Parameshwari, AP-ECE



Online Faculty Development Program on

EC8791 – Embedded and Real Time Systems

24th to 29th August 2020

Organized by

Department of

Electronics and Communication Engineering



NPR COLLEGE OF ENGINEERING & TECHNOLOGY

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Anna University, Chennai
(An ISO 9001:2015 Certified Institution)
Natham - 624 401.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Online Faculty Development Program

on

'EC8791 – Embedded and Real Time Systems'

ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering was established in the academic year 2008. The ECE department emphasizes teaching and research in the areas of Electronic and photonic materials, devices and circuits, VLSI design and testing, Communications and Signal processing. The modern laboratories complement the high standards set by the competitive syllabus and nurture the tendency of the students towards research and development, besides giving them the necessary and sufficient backing of practical knowledge that they need. The department has a proportionate workforce having experience in academics and industries.

Students are given education as well as training exposure in order to get placed in highly reputed companies. Synergism between placement cell and the department help the students to achieve the best of the jobs of their career. Exposure as well as training is provided to the students for advanced studies and various guest lectures and Mock interviews are conducted time to time to facilitate the students and create awareness.

SIGNIFICANCE OF THIS FDP

An embedded system is an electronic system that is designed to perform a dedicated function within a larger system. Real-time systems are those that can provide guaranteed worst-case response times to critical events, as well as acceptable average-

case response times to noncritical events. Department of Electronics and Communication Engineering of NPRCET has goal to create awareness on Embedded and Real Time Systems.

TOPICS TO BE COVERED

- INTRODUCTION TO EMBEDDED SYSTEM DESIGN
- ARM PROCESSOR AND PERIPHERALS
- EMBEDDED PROGRAMMING
- REAL TIME SYSTEMS
- PROCESSES AND OPERATING SYSTEMS

RESOURCE PERSONS

1. Dr.P.Manirajkumar, Professor, Electronics and Communication Engineering, PSNA College of Engineering and Technology, Dindigul
2. Dr.G.Molun Babu, Associate Professor, Electronics and Communication Engineering, SSM Institute of Engineering & Technology, Dindigul
3. Mrs.R.Devika, Assistant Professor, Electronics and Communication Engineering, Sethu Institute of Technology, Kariapatti
4. Dr.N.M.Masoodhara Bana, Professor, Biomedical Engineering, Vellore Institute of Technology, Chennai
5. Mrs.R.Sivaranjani, Associate Professor, Electronics and Communication Engineering, Sethu Institute of Technology, Kariapatti
6. Dr.A.Shenbagavalli, Professor, Electronics and Communication Engineering, National Engineering College, Kovilpatti

IMPORTANT DATE

Last Date for Registration : 19.08.2020

REGISTRATION DETAILS

No Registration fee. Register through <https://forms.gle/Va3iUydsCxy46ks7>

ADDRESS FOR CORRESPONDENCE

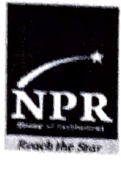

Dr. A.Gopisaminathan,
HoD - Department of ECE
NPR College of Engineering & Technology
Natham - 624 401
Tamil Nadu.

Mobile: 9994261961

Email ID: nprcetecce@nprcolleges.org

Website: www.nprcolleges.org



	<p>NPR College of Engineering & Technology NPR Nagar, Natham, Dindigul - 624401, Tamil Nadu, India. Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai. An ISO 9001:2015 Certified Institution. Phone No: 04544- 246 500, 246501, 246502. Website : www.nprcolleges.org, www.nprcet.org, Email nprcetprincipal@nprcolleges.org</p>	
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NPRCET/OFF/ECE/FDP/2020-2021

CIRCULAR

DATE: 20.08.2020

This is to inform that Department of Electronics and Communication Engineering has planned to conduct a Faculty Development Program on 'EC8791-Embedded and Real Time Systems' to the Internal and External faculties of ECE, EEE and CSE departments during this odd semester 2020 – 2021 through Google Meet. Interested faculties from respective departments may register their name to the Program Coordinator.

The details of the training program are given below.

RESOURCE PERSONS

1. Dr.P.Manirajkumar, Professor, Electronics and Communication Engineering, PSNA College of Engineering and Technology, Dindigul
2. Dr.G.Mohan Babu, Associate Professor, Electronics and Communication Engineering, SSM Institute of Engineering & Technology, Dindigul
3. Mrs.R.Devika, Assistant Professor, Electronics and Communication Engineering, Sethu Institute of Technology, Kariapatti
4. Dr.N.M.Masoodhu Banu, Professor, Biomedical Engineering, VelTech University, Chennai
5. Mrs.R.Sivaranjani, Associate Professor, Electronics and Communication Engineering, Sethu Institute of Technology, Kariapatti
6. Dr.A.Shenbagavalli, Professor, Electronics and Communication Engineering, National Engineering College, Kovilpatti

VENUE : <https://meet.google.com/dby-njus-tyi>
DATE : 24.08.2020 to 29.08.2020
SESSION TIMING : 09:30 a.m. to 12:30 p.m.
 (for all days) : 01:30 p.m. to 04:00 p.m.
PROGRAM COORDINATOR : Mr.S.Sudhakar, Assistant Professor/ECE

Copy to:

1. All the HoDs
2. Notice Board
3. File
4. Program Coordinator
5. IQAC

PRINCIPAL

Dr. J.SUNDARARAJAN

B.E., M.Tech., Ph.D.

Principal

N.P.R. College of Engineering & Technology
 Natham, Dindigul (Dt) - 624 401.



NPR College of Engineering & Technology

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

*The Management, Principal and Staff
Cordially invite you for the inauguration of
Online Faculty Development Program
on
'EC8791 - Embedded and Real Time Systems'*

On 24.08.2020 at 9.30 a.m.

Link: <https://meet.google.com/dby-njus-tyi>

Chief Guest

Dr.P.Manirajkumar,

Professor,

Electronics and Communication Engineering,

PSNA College of Engineering and Technology, Dindigul

Prof. Dr. J.Sundararajan

Principal,


NPR College of Engineering & Technology

Felicitates the function


Organized by

*Department of Electronics and Communication Engineering,
NPR College of Engineering & Technology,
NPR Nagar, Natham.*





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Online Faculty Development Program

on

‘EC8791 – Embedded and Real Time Systems’

PROGRAM SCHEDULE

Venue: <https://meet.google.com/dby-njus-tyi>

Date: 21.08.2020

External Resource Persons:	Internal Resource Persons:
1.Dr.P.Manirajkumar, Professor, Electronics and Communication Engineering, PSNA College of Engineering and Technology, Dindigul	1. Dr.A.Gopisaminathan, Professor-ECE, NPRCET
2.Dr.G.Mohan Babu, Associate Professor, Electronics and Communication Engineering, SSM Institute of Engineering & Technology, Dindigul	2. Mrs.S.Kamalam, AP-ECE, NPRCET
3.Mrs.R.Devika, Assistant Professor, Electronics and Communication Engineering, Sethu Institute of Technology, Kariapatti	3. Mr.S.Surendhar, AP-ECE, NPRCET
4.Dr.N.M.Masoodhu Banu, Professor, Biomedical Engineering, VelTech University, Chennai	4. Mr.K.Jayaprakasam, AP-ECE, NPRCET
5.Mrs.R.Sivaranjani, Associate Professor, Electronics and Communication Engineering, Sethu Institute of Technology, Kariapatti	5. Ms.S.Monika, AP-ECE, NPRCET
6.Dr.A.Shenbagavalli, Professor, Electronics and Communication Engineering, National Engineering College, Kovilpatti	6. Ms.T.Esther, AP-ECE, NPRCET

PROGRAM SCHEDULE

DATE	TIME	SESSION	TOPIC	RESOURCE PERSON
Day 1 24.08.2020	9:30 a.m. to 10:00 a.m.	Inauguration		
	10:00 a.m. to 11:10 a.m.	SESSION I	Introduction To Embedded system Design	Dr.P.Manirajkumar, Professor, Electronics and Communication Engineering, PSNA College of Engineering and Technology, Dindigul
	11:10 a.m. to 11:30 a.m.	Break		
	11:30 a.m. to 12:30 p.m.	SESSION II	Embedded system design process	Dr.P.Manirajkumar, Professor, Electronics and Communication Engineering, PSNA College of Engineering and Technology, Dindigul
	12:30 p.m. to 01: 30 p.m.	Lunch Break		





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Day 2 25.08.2020	01:30 p.m. to 02: 45 p.m.	SESSION III	Design methodologies	Dr.A.Gopisaminathan, Professor-ECE NPRCET
	02:45 p.m. to 03: 00 p.m.	Break		
	03:00 p.m. to 04: 00 p.m.	SESSION IV	System analysis and architecture design	Dr.A.Gopisaminathan, Professor-ECE NPRCET
	9:30 a.m. - 10:45 a.m.	SESSION I	Designing with computing platforms	Dr.G.Mohan Babu, Associate Professor, Electronics and Communication Engineering, SSM Institute of Engineering & Technology, Dindigul
	10:45 a.m. to 11.00 a.m.	Break		
	11.00 a.m. to 12.30 p.m.	SESSION II	Consumer electronics architecture	Dr.G.Mohan Babu, Associate Professor, Electronics and Communication Engineering, SSM Institute of Engineering & Technology, Dindigul
	12.30 p.m. to 1.30 p.m.	Lunch Break		
Day 3 26.08.2020	1.30 p.m. to 2.45 p.m.	SESSION III	Platform-level performance analysis.	Mrs.S.Kamalam, AP-ECE, NPRCET
	2.45 p.m. to 3.00 p.m.	Break		
	3.00 p.m. to 4.00 p.m.	SESSION IV	Design example: Model train controller	Mrs.S.Kamalam, AP-ECE, NPRCET
	9:30 a.m. - 10:45 a.m.	SESSION I	ARM Processor And Peripherals	Mrs.R.Devika, Assistant Professor, Electronics and Communication Engineering , Sethu Institute of Technology, Kariapatti
	10:45 a.m. to 11.00 a.m.	Break		
	11.00 a.m. to 12.30 p.m.	SESSION II	ARM Architecture Versions	Mrs.R.Devika, Assistant Professor, Electronics and Communication Engineering , Sethu Institute of Technology, Kariapatti
	12.30 p.m. to 1.30 p.m.	Lunch Break		
Day 4	1.30 p.m. to 2.45 p.m.	SESSION III	ARM Architecture	Mr.S.Surendhar, AP-ECE, NPRCET
	2.45 p.m. to 3.00 p.m.	a Break		
	3.00 p.m. to 4.00 p.m.	SESSION IV	Features of the LPC 214X Family	Mr.S.Surendhar, AP-ECE, NPRCET
	9:30 a.m. - 10:45 a.m.	SESSION I	Block Diagram of ARM9 and ARM Cortex M3 MCU.	Dr.N.M.Masoodhu Banu, Professor, Biomedical Engineering, VelTech University, Chennai
	10:45 a.m. to 11.00 a.m.	Break		
	11.00 a.m. to 12.30 p.m.	SESSION II	Embedded Programming	Dr.N.M.Masoodhu Banu, Professor, Biomedical





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27.08.2020				Engineering, VelTech University, Chennai
	12.30 p.m. to 1.30 p.m.		Lunch Break	
	1.30 p.m. to 2.45 p.m.	SESSION III	Components for embedded programs	Mr.K.Jayaprakasam, AP-ECE, NPRCET
	2.45 p.m. to 3.00 p.m.		Break	
	3.00 p.m. to 4.00 p.m.	SESSION IV	Assembly, linking and loading	Mr.K.Jayaprakasam, AP-ECE, NPRCET
Day 5 28.08.2020	9:30 a.m. - 10:45 a.m.	SESSION I	Compilation techniques	Mrs.R.Sivaranjani, Asso.Professor, Electronics and Communication Engineering, Sethu Institute of Technology, Kariapatti
	10:45 a.m. to 11.00 a.m.		Break	
	11.00 a.m. to 12.30 p.m.	SESSION II	Program level performance analysis	Mrs.R.Sivaranjani, Asso.Professor, Electronics and Communication Engineering, Sethu Institute of Technology, Kariapatti
	12.30 p.m. to 1.30 p.m.		Lunch Break	
	1.30 p.m. to 2.45 p.m.	SESSION III	Software performance optimization	Ms.S.Monika, AP-ECE, NPRCET
	2.45 p.m. to 3.00 p.m.		Break	
	3.00 p.m. to 4.00 p.m.	SESSION IV	Program level energy and power analysis and optimization	Ms.S.Monika, AP-ECE, NPRCET
Day 6 29.08.2020	9:30 a.m. - 10:45 a.m.	SESSION I	Structure of a Real Time System	Dr.A.Shenbagavalli, Professor, Electronics and Communication Engineering, National Engineering College, Kovilpatti
	10:45 a.m. to 11.00 a.m.		Break	
	11.00 a.m. to 12.30 p.m.	SESSION II	Fault Tolerance Technique	Dr.A.Shenbagavalli, Professor, Electronics and Communication Engineering, National Engineering College, Kovilpatti
	12.30 p.m. to 1.30 p.m.		Lunch Break	
	1.30 p.m. to 2.45 p.m.	SESSION III	Multiple tasks and multiple processes	Ms.T.Esther, AP-ECE, NPRCET
	2.45 p.m. to 3.00 p.m.		Tea Break	
	3.00 p.m. to 4.00 p.m.	SESSION IV	Example-Real time operating systems	Ms.T.Esther, AP-ECE, NPRCET

PROGRAM COORDINATOR


HoD-ECE

IQAC COORDINATOR PRINCIPAL


Dr. J.SUNDARARAJAN,

Head of the Department - Coordinator - IQAC
Department of Electronics & Communication NPR College of Engineering & Technology
NPR College of Engineering & Technology Natham, Dindigul (IN, NPR College of Engineering & Technology,
Natham, Dindigul (DI) - 624 401.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Online Faculty Development Program

on

‘EC8791 – Embedded and Real Time Systems’

REGISTRATION FORM (<https://forms.gle/Vs3iUv4zCtxy46ks7>)

Registration form for Online Faculty
 Development Program on "EC8791-
 Embedded and Real Time Systems" from
 24.08.2020 to 29.08.2020

Conducted by Department of Electronics and Communication Engineering, NPR College of
 Engineering & Technology, Natham

nprcetecwebinar@gmail.com Switch account

* Required

Email *

Your email

Title *

- ☐ Dr
- ☐ Professor
- ☐ Mr
- ☐ Mrs
- ☐ Ms





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Name *

Your answer

Designation *

- ☐ Professor
- ☐ Associate Professor
- ☐ Assistant Professor

Department *

- ☐ CSE
- ☐ EEE
- ☐ ECE
- ☐ IT
- ☐ Other: _____

Name of the Organization *

Your answer

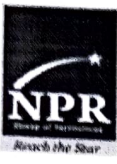
Whatsapp Number *

Your answer


Submit

Clear form





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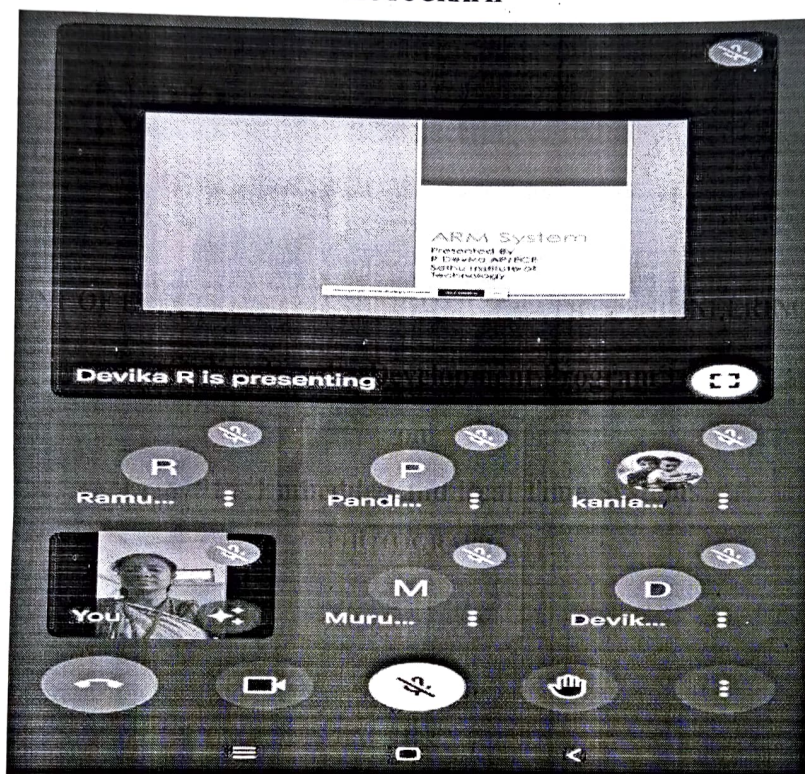
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Online Faculty Development Program

on

‘EC8791 – Embedded and Real Time Systems’

PHOTOGRAPH



External and Internal faculties attending the FDP

 PROGRAM COORDINATOR

 HoD-ECE

 IQAC COORDINATOR

 PRINCIPAL

Head of the Department:

Department of Electronics & Communication Engineering
 NPR College of Engineering & Technology
 Natham, Dindigul (Dt) - 624401

Coordinator - IQAC

Dr. J. SUNDARARAJU

B.E., M.Tech.,

Principal

NPR College of Engineering & Technology
 Natham, Dindigul (Dt) - 624401



NPR College of Engineering & Technology

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Online Faculty Development Program

on

'EC8791 – Embedded and Real Time Systems'

FEEDBACK FORM (<https://forms.gle/KznJHCR26nTYieEn6>)

Feedback Form for Online Faculty
Development Program on "EC8791-
Embedded and Real Time Systems" from
24.08.2020 to 29.08.2020

nprcetecewebinar@gmail.com Switch account



* Required

Email *

Your email

Name *

Your answer

Designation/Department/College *

Your answer

1. The programme was useful to create interest in the field of Embedded Systems. *

- ☐ Strongly Agree
- ☐ Agree
- ☐ Disagree
- ☐ Strongly Disagree





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2. The contents delivered were useful to enhance our knowledge. *

- ☐ Strongly Agree
☐ Agree
☐ Disagree
☐ Strongly Disagree

3. The Presentation of the Resource Persons were much clear and interactive. *

- ☐ Strongly Agree
☐ Agree
☐ Disagree
☐ Strongly disagree

4. The queries were cleared by the resource persons properly. *

- ☐ Strongly agree
☐ Agree
☐ Disagree
☐ Strongly disagree

5. Whether the programme was organized in well manner? *

- ☐ Yes
☐ No
☐ Maybe

Any suggestions *

Your answer

Submit

Clear form

PROGRAM COORDINATOR

HoD-ECE

IQAC COORDINATOR

PRINCIPAL

Head of the Department

Coordinator - IQAC

Dr. J.SUNDARARAJAN

B.E., M.Tech., Ph.D.

Department of Electronics & Communication

NPR College of Engineering & Technology

Principal

NPR College of Engineering & Technology

Natham, Dindigul (Dt) - 624 401

NPR College of Engineering & Technology

Natham, Dindigul (Dt) - 624 401

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Online Faculty Development Program

on

‘EC8791 – Embedded and Real Time Systems’

SAMPLE FEEDBACK FORM

Responses cannot be edited

Feedback Form for Online Faculty Development
Program on "EC8791-Embedded and Real Time
Systems" from 24.08.2020 to 29.08.2020

* Required

Email *

rahilamdu2010@gmail.com

Name *

J.Rahila

Designation/Department/College *

Asso.Prof./EEE/Sethu Institute of Technology

1. The programme was useful to create interest in the field of Embedded Systems. *

- ☒ Strongly Agree
☐ Agree
☐ Disagree
☐ Strongly Disagree

2. The contents delivered were useful to enhance our knowledge. *

- ☒ Strongly Agree
☐ Agree
☐ Disagree
☐ Strongly Disagree





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3. The Presentation of the Resource Persons were much clear and interactive. *

- ☒ Strongly Agree
☐ Agree
☐ Disagree
☐ Strongly disagree

4. The queries were cleared by the resource persons properly. *

- ☒ Strongly agree
☐ Agree
☐ Disagree
☐ Strongly disagree

5. Whether the programme was organized in well manner? *

- ☒ Yes
☐ No
☐ Maybe

Any suggestions *

All the resource persons are handled the class in well manner. Expecting more programs like this.


PROGRAM COORDINATOR


HoD-ECE


IQAC COORDINATOR


PRINCIPAL

Head of the Department
Department of Electronics & Communication
NPR College of Engineering & Technology
Natham, Dindigul (Dt) - 624 401

Coordinator - IQAC

Dr. J. SUNDARARAJAN
B.E., M.Tech., Ph.D.
Principal
NPR College of Engineering & Technology
Natham, Dindigul (Dt) - 624 401.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Online Faculty Development Program

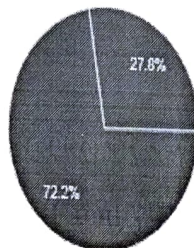
on

‘EC8791 – Embedded and Real Time Systems’

FEEDBACK SUMMARY

1. The programme was useful to create interest in the field of Embedded Systems.

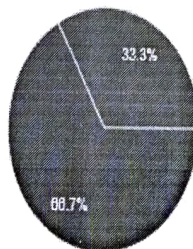
18 responses



- Strongly Agree
- Agree
- Disagree
- Strongly Disagree

2. The contents delivered were useful to enhance our knowledge.

18 responses



- Strongly Agree
- Agree
- Disagree
- Strongly Disagree





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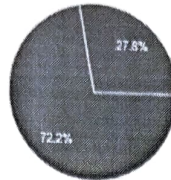
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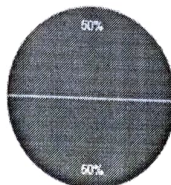


3. The Presentation of the Resource Persons were much clear and interactive.
18 responses



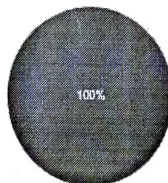
● Strongly Agree
● Agree
● Disagree
● Strongly disagree

4. The queries were cleared by the resource persons properly.
18 responses



● Strongly agree
● Agree
● Disagree
● Strongly disagree

5. Whether the programme was organized in well manner?
18 responses



● Yes
● No
● Maybe

Any suggestions
18 responses

Nil

Good

Useful session

All the resource persons are handled the class in well manner. Expecting more programs like this.

Nice session

Good enough

PROGRAM COORDINATOR

HoD-ECE

IQAC COORDINATOR

PRINCIPAL

Head of the Department
Department of Electrical & Communication
NPR College of Engineering & Technology
Natham, Dindigul (Dt) - 624401.

Coordinator - IQAC
Principal
NPR College of Engineering & Technology
Natham, Dindigul (Dt) - 624401.

Dr. J.SUNDARARAJAN
B.E., M.Tech., Ph.D.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Online Faculty Development Program

on

'EC8791 – Embedded and Real Time Systems'

PROGRAM SUMMARY REPORT

The Department of Electronics & Communication Engineering organized an online FDP on 'EC8791 – Embedded and Real Time Systems' from 24.08.2020 to 29.08.2020. The Inauguration function for the FDP was conducted on 24.08.2020 at 9.30 a.m. with Dr.J.Sundararajan, Principal, Dr.A.Gopisaminathan, Head of the Department of Electronics & Communication Engineering and the Chief guest Dr.P.Manirajkumar, Professor, Electronics and Communication Engineering, PSNA College of Engineering and Technology, Dindigul through google meet.

Mr.S.M.Vijayarajan, Assistant Professor, Department of Electronics and Communication Engineering, welcomed the gathering. Dr.A.Gopisaminathan, Head, Department of Electronics and Communication Engineering enlightened the audience by relating Embedded and Real Time Systems and its purposes in terms of real time applications. He explained the objective of this FDP program in concern to thrust areas of research as well as in relation with academics. Principal Dr.J.Sundararajan felicitated the function with his inspiring words and thanked the organizing team for the arrangements made.

Chief guest Dr.P.Manirajkumar, during his presidential address gave a primary motivation to all the participants and later discussed about the 'Embedded and Real Time Systems'. After that, by 10.00 a.m. the first session on introduction to embedded system design, embedded system design process was started. As per the schedule all internal and external resource persons delivered the lecture on their respective topics. 18 faculty members from various institutions like PSR Engineering College, Sivakasi, VSB Engineering College, Karur, Pandiyan Saraswathi Engineering College, Sivagangai attended the program. Also, 8 faculty members from the host institution attended the program.

On 29.08.2020, during the valedictory session, the participants gave feedback about the program and the arrangements. Then program Coordinator Mr.S.Sudhakar, Assistant Professor, Department of Electronics and Communication Engineering, delivered the Vote of thanks and the program came to an end. Later Certificates were distributed to the participants through mail.


PROGRAM COORDINATOR

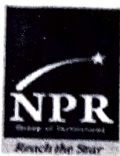

HoD-ECE


IQAC COORDINATOR


PRINCIPAL

Head of the Department
Department of Electronics & Communication Engineering
NPR College of Engineering & Technology
Natham, Dindigul (DI) - 624 401.

Dr. J.SUNDARARAJAN,
Coordinator - IQAC
NPR College of Engineering & Technology
Natham, Dindigul (DI) - 624 401.
B.E., M.Tech., Ph.D.,
Principal
NPR College of Engineering & Technology
Natham, Dindigul (DI) - 624 401



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Online Faculty Development Program

on

'EC8791 – Embedded and Real Time Systems'

CERTIFICATE

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING		
<i>Certificate of Participation</i>		
This is to certify that		
.....		
of has attended		
the One Week Faculty Development Program on 'EC8791 EMBEDDED AND REAL		
TIME SYSTEMS' held From 24.08.2020 to 29.08.2020.		
Convener Dr.A.GOPISAMINATHAN,HoD-ECE	Principal Dr.J.SUNDARARAJAN	





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Faculty Development Program

on

'Artificial Intelligence and Machine Learning with Data Science'

ACADEMIC YEAR: 2020 -2021

DURATION: 5 DAYS

INDEX

S.NO.	PARTICULARS	PAGE NO.
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PERMISSION LETTER

DATE:06.08.2020

From

The Head of the Department,
Department of Computer Science and Engineering,
NPR College of Engineering & Technology,
Natham

To

The Principal,
NPR College of Engineering & Technology,
Natham


Respected Sir,

Sub: Requisition for organizing five days Online FDP program on 'Artificial Intelligence and Machine Learning with Data Science' –Reg.

We, the Department of Computer Science and Engineering, proposed to organize a five days Faculty Development Program on "Artificial Intelligence and Machine Learning with Data Science" to the faculties from 21.09.2020 to 25.09.2020 in our college premises. Mr. Ahmed Khalid, Vice President Imarticus Learning Chennai, Mrs. Priya Payal HR Business Partner, Chennai, Praveen Hanchinal Educator, Dr. R. Venkatesan, Professor, Kumaraguru College of Technology, Coimbatore, Dr. B. Padminidevi, Professor M. Kumarasamy College of Engineering & Technology, Karur, are the resource persons for this FDP. We expect around 100 delegates from various Institutions.

We request you to kindly grant permission to organize the same.

Thanking you


With regards
Mr. J. Viswanath
HoD-CSE



Head of the Department
Department of Computer Science & Engineering
NPR College of Engineering & Technology
Natham, Dindigul (DT) - 624 401.



NPR College of Engineering & Technology

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

COVERING LETTER

Chief Patron

Mr.M.Siva Kumar

Chief Administrative Officer

Patron

Prof. Dr.J.Sundararajan,

Principal

Convener

Mr.J.Viswanath,

HoD - CSE

Co-ordinator

Mrs.V.Sujitha, AP-CSE.

Organizing Committee Members

1.Mr. J. Dinesh , AP-CSE - NPRCET

2.Mr.D.Nagaraj, AP-CSE – NPRCET

3.Mrs.V.Sujitha, AP-CSE– NPRCET

4.Mrs. J. Prisca Mary, AP-CSE – NPRCET

5.Mrs.C.Kalpana, AP-CSE - NPRCET

Date: 27.08.2020

To

The Principal / Dean / Director,

All Engineering Colleges.

Dear Sir / Madam,

Sub: Five days Online FDP program on '**Artificial Intelligence and Machine Learning with Data Science**' – Reg.

We have great pleasure in informing you that the Department of Computer Science and Engineering, NPR College of Engineering & Technology, Natham is organizing Five days Online FDP program on '**Artificial Intelligence and Machine Learning with Data Science**' from 21st to 25th September,2020.

The objective of the **FDP** is to enrich the knowledge and best practices for the young faculty to interact with senior expert academicians and to enhance their teaching learning process in theoretical sessions. Please find the details of the above FDP in the enclosed brochure. We request you to sponsor faculty members from CSE / ECE / IT / MCA departments of your esteemed institution/organization for this five days online Faculty Development Program. We shall be glad to receive nominations from your Institution on or before 11.09.2021.

Kindly forward the attached brochure to the respective departments (CSE / ECE /IT / MCA). Looking forward to your kind cooperation for the success of the FDP.

Thanking you,



[Signature]
With regards,
Mr. J. Viswanath
(HoD -CSE)
Convener

Head of the Department
Department of Computer Science & Engineering
NPR College of Engineering & Technology
Natham, Dindigul (DT) - 624 401.



NPR College of Engineering & Technology

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

REGISTRATION FORM

Five days Faculty Development Program on

"Artificial Intelligence and Machine Learning
with Data Science"

21st September to 25th September 2020
Registration Form

(To be filled in block letter)

Name : _____

Department: _____

Gender : Male / Female

Designation: _____

Organization _____

Address for Communication: _____

Phone: _____

Email id: _____

Date: _____

Signature

ORGANIZING COMMITTEE

Chief Patron

Mr.M. Siva Kumar
Chief Administrative Officer
Natham - 624 401.

Patron

Prof. Dr. J. Sundararajan
Principal,
NPR College of Engineering & Technology,
Natham - 624 401.

Convener

Mr.J. Viswanath
HoD-CSE

Co-ordinator

Mrs.V.Sujitha,AP-CSE.

Organizing Committee Members

1.Mr J. Dinesh , AP-CSE - NPRCET

2.Mr D.Nagaraj, AP-CSE - NPRCET

3 Mrs.V Sujitha, AP-CSE- NPRCET

4 Mrs. J. Prisca Mary, AP-CSE - NPRCET

5 Mrs.C.Kalpana, AP-CSE - NPRCET



Five days Faculty Development Program on

"Artificial Intelligence and Machine Learning
with Data Science"

21st September to 25th September 2020

Organized by

Department of
Computer Science and Engineering



NPR COLLEGE OF ENGINEERING

&
TECHNOLOGY

(An ISO 9001:2015 Certified Institution)
Natham - 624 401.]



Phone : 04544 246500, 501, 502

Fax : 04544 246511

E-mail : nprcetcse@nprcolleges.org





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ABOUT THE INSTITUTION

Our College offers top class education in Engineering & Business Administration at UG, PG. It has well qualified staff, state of the art laboratories and all facilities. NPRCET has been created with an exalted aim of bringing students especially from the rural areas into the fields of Engineering and Technology.

The NPR College of Engineering and Technology was established in the year 2008 with a basic goal to impart quality, discipline and education. The campus is spread over 100 acres of lush green environment with lots of green cover and pristine surroundings. We ensure that our institute can provide suitable industry engagement and career opportunities for students.

The NPR College of Engineering and Technology entered into e-revolution by making the entire campus Wi-Fi with 100 Mbps Internet facilities. The campus also holds the distinction by having a world class cricketing turf, the first of its kind in south Tamil Nadu. It is our pleasure to highlight that our college is the remote centre for IIT Kharagpur, centre of excellence with HCL for placement training & MoU with Electronics Corporation of India, UTL Tech Bangalore, CISCO, Tech Mahendra, Teikva India Pvt Ltd, Chennai, Sander Motor, Earth Institute.

ABOUT THE DEPARTMENT

The department of Computer Science and Engineering at NPRCET, Natham was started in the year 2008 under the control of Anna University. The Computer Science and Engineering department has the strength of 120 intakes for UG and with the intake of 18 for PG. It has dedicated and highly qualified faculty members to direct all attention towards teaching and training the Computer Science Engineers and to make them look beyond the obvious.

There is a strong emphasis both on the fundamentals of computing and on practical skills and team work. The department has state of the art facilities for carrying out projects in computer graphics, vision, networks, distributed systems, hardware design and artificial intelligence.

The department of computer Science and Engineering had received 12 University ranks in Anna university degree examinations.

ABOUT THE FDP

Data Science and Artificial Intelligence are amongst the hottest fields of the 21st century that will impact all segments of daily life by 2025, from transport and logistics to healthcare and customer service. Data science is an interdisciplinary field that uses scientific methods, processes, algorithms and systems to extract knowledge and insights from noisy, structured and unstructured data, and apply knowledge and actionable insights from data across a broad range of application domains.

TOPICS TO BE COVERED

- > Data Mining, Data Structures and Data Manipulation.
- > Algorithms used in Machine Learning.
- > Data Scientist Roles and Responsibilities.
- > Data Acquisition and Data Science Life Cycle
- > Applications in AI.
- > Introduction and Importance of Data Science.
- > Statistics.
- > Information Visualization.

RESOURCE PERSONS

- 1 Mr Ahmed Khalid, Vice President Imanicus Learning Chennai.
- 2 Mrs Priya Payal HR Business Partner, Chennai.
- 3 Praveen Hanchimal, Educator, Resource Person on AI, ML, Cloud Computing, Big Data, IoT, Bengaluru
- 4 Dr. R Venkatesan, Professor, Kumaraguru College of Technology, Coimbatore
- 5 Dr B Padminidevi Professor M.Kumarasamy College of Engineering & Technology, Karur.

IMPORTANT DATES

Confirmation of Registration: 10.09.2020
Last Date for Registration: 15.09.2020

BOARDING AND LODGING

Boarding and lodging will be provided to the participants in the college campus with prior request.

ABOUT THE LOCATION

NPRCET is situated at Natham which is 27 kms away from Dindigul and 35 kms away from Madurai, Tamil Nadu.

FDP VENUE

CSE Main Laboratory,
Department of Computer Science and Engineering
NPR College of Engineering and Technology
Natham-624 401

ADDRESS FOR CORRESPONDANCE

Mrs. V. Sujitha
AP - Department of CSE
NPR College of Engineering and Technology,
Natham - 624 401.
TamilNadu. Mobile: 9003395395.

Email ID: sujitha@nprcolleges.org

Website: www.nprcolleges.org



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

*The Management, Principal and Staff
Cordially invite you for the inauguration of Online
Faculty Development Program
on*

**ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING WITH
DATA SCIENCE**

Time- 10.00 a.m.

Date-21.09.2020

Meeting Link-<https://meet.google.com/aah-sfxq-tvs>

Chief Guest

Mr.Ahmed Khalid,
Vice President- Imarticus Learning, Chennai

Prof.Dr.J.Sundararajan

Principal,
NPR College of Engineering & Technology
Felicitates the function

Organized By
Department of Computer Science and Engineering,
NPR College of Engineering & Technology,
NPR Nagar, Natham.





NPR College of Engineering & Technology

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Faculty Development Program

On

Artificial Intelligence and Machine Learning with Data Science PROGRAM SCHEDULE

Date: 21.09.2020

External Resource Persons:	Internal Resource Persons:
1.Mr.Ahmed Khalid ,Vice President-Imarticus Learning Chennai,	1.Mrs. V. Sujitha, AP-CSE – NPRCET
2.Mrs.Priya Payal HR Business Partner,Chennai,	3.Mrs.C.Kalpana,AP-CSE-NPRCET
3.Praveen Hanchinal, Educator,Bengaluru	4. Mrs. J. Prisca Mary, AP-CSE – NPRCET
4.Dr. R.Venkatesan, Professor, Kumaraguru College of Technology, Coimbatore	5. Mr. J. Dinesh,AP-CSE-NPRCET
5.Dr.B.Padminidevi,Professor M.Kumarasamy College of Engineering & Technology,Karur.	

PROGRAM SCHEDULE				
DATE	TIME	SESSION	TOPIC	RESOURCE PERSON
Day 1 21.09.2020 (MONDAY)	9:30 a.m to 10:00 a.m	Inauguration		
	10.00 a.m. to 11.00 a.m.	Break		
	11:00 a.m to 1.00 p.m	SESSION I	Introduction to AI, Future of AI	Mr.Ahmed Khalid ,Vice President Imarticus Learning Chennai,
	1.00 p.m to 2.00 p.m	Break		
	2.00 p.m to 4.00 p.m	SESSION II	Intelligent Agents	Mr. J. Dinesh,AP-CSE-NPRCET
Day 2 22.09.2020 (TUESDAY)	10:00 a.m to 12.00 p.m	SESSION I	Machine Translation and Speech Recognition	Mrs.Priya Payal HR Business Partner,Chennai,
	12.00 p.m	Break		





NPR College of Engineering & Technology

NPR Nagar, Natham, Dindigul - 624401, Tamil Nadu, India
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Day 3 23.09.2020 (WEDNESDAY)	to 1.00 p.m			
	1.00 p.m to 3.00 p.m	SESSION II	NLP Natural Language Processing	Mrs.C.Kalpna,AP-CSE-NPRCET
	10:00 a.m to 12.00 p.m	SESSION I	Visual Analytics.	Praveen Hanchinal, Educator, Resource Person on AI, ML, Cloud Computing, Big Data, IoT. Bengaluru
	12.00 p.m to 1.00 p.m	Break		
Day 4 24.09.2020 (THURSDAY)	1.00 p.m to 3.00 p.m	SESSION II	Machine Learning and Modelling in Data Science	Mrs. V. Sujitha, AP-CSE – NPRCET
	10:00 a.m to 12.00 p.m	SESSION I	Data Scientist Roles and Responsibilities	Dr. R.Venkatesan, Professor, Kumaraguru College of Technology, Coimbatore
	12.00 p.m to 1.00 p.m	Break		
	1.00 p.m to 3.00 p.m	SESSION II	Information Visualisation	Mrs. J. Prisca Mary, AP-CSE - NPRCET
Day 5 25.09.2020 (FRIDAY)	10:00 a.m to 12.00 p.m	SESSION I	Data Acquisition and Data Science Life Cycle	Dr.B.Padminidevi,Professor M.Kumarasamy College of Engineering & Technology,Karur.
	12.00 p.m to 1.00 p.m	Break		
	1.00 p.m to 3.00 p.m	SESSION II	Machine Learning Usecases	.Mr. J. Viswanath HoD-CSE-NPRCET
	3.00 p.m to 4.30 p.m.	Valedictory Session		

Program Co-ordinator

HoD-CSE

IQAC Co-ordinator

Principal

Head of the Department

Coordinator - IQAC

Department of Computer Science & Engineering
NPR College of Engineering & Technology
Natham, Dindigul (DT) - 624 401.

Dr. J.SUNDARARAJAN,

B.E., M.Tech., Ph.D.,

Principal

N.P.R. College of Engineering & Technology
Natham, Dindigul (Dt) - 624 401.



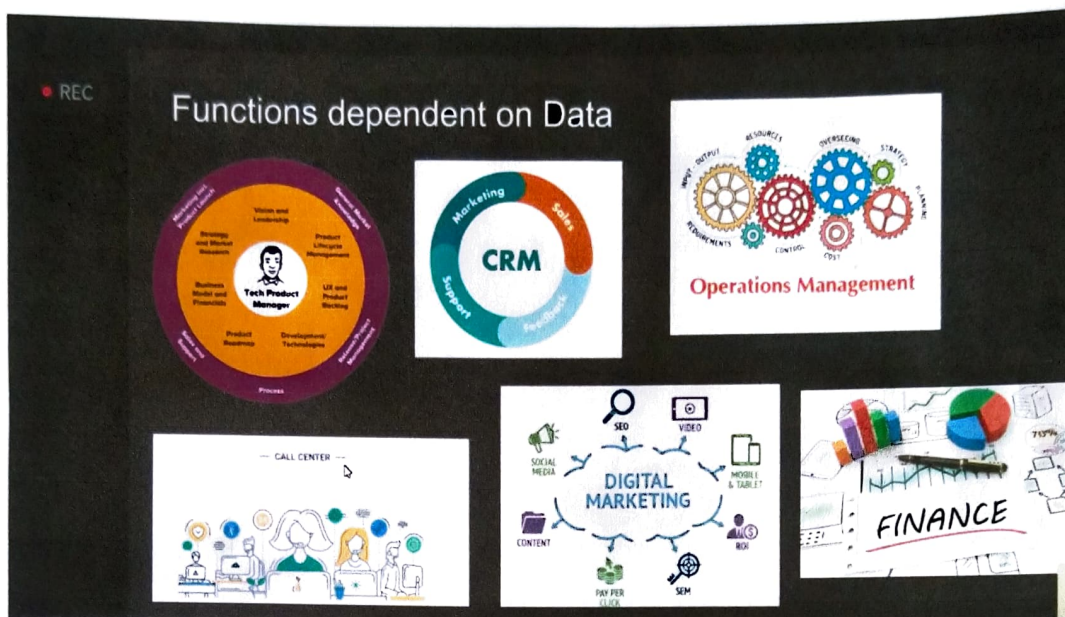
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Faculty Development Program

on

Artificial Intelligence and Machine Learning with Data Science

PHOTOGRAPH



Chief Guest Presentation during the FDP Session





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Five Days Faculty Development Program

on

Artificial Intelligence and Machine Learning with Data Science

PARTICIPANT FEEDBACK REPORT

I attend the faculty development program in Artificial Intelligence and machine learning

I learned so many things about the Artificial Intelligence and machine learning tools

Really, it was very helpful and valuable FDP

Thank you for giving such an informative FDP

S. Yalini

SIGNATURE OF THE PARTICIPANT

(Mrs. S. Yalini AP-CSE SBMCET)



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Faculty Development Program

On

Artificial Intelligence and Machine Learning with Data Science


SUMMARY REPORT

The Faculty Development Program on "Artificial Intelligence and Machine Learning with Data Science" was conducted from 21.09.2020 to 25.09.2020 with 100 faculties from various engineering colleges and faculties from various departments of NPRCET attended the program. The Inauguration of the faculty development program started at 09:30 a.m. organized by Department of Computer Science and Engineering of NPR College of Engineering & Technology. During the inaugural session Mr.J.Viswanath, HOD-CSE, welcomed the gathering. Prof.J.Sundararajan, Principal-NPRCET delivered the felicitation address. He highlighted the importance of the Faculty development program and use of Artificial Intelligence in various engineering applications. Mr.Ahmed Khalid, Vice President of Imarticus Learning Chennai, was the chief guest of the inaugural session.

This Faculty Development Program (FDP) intends to facilitate up-gradation of knowledge, skill and intends to provide opportunities to enrich the knowledge and to interact cutting-edge technologies in the field Internet of Things. Artificial Intelligence is a major step forward in how computer system adapts, evolves and learns. The Program was concluded by Valedictory function on 25.09.2020 at 4.30 p.m. the dignitaries who graced the occasion were Prof.J.Sundararajan, Principal, NPR College of Engineering and Technology, Mr.J.Viswanath, Head, Department of Computer Science and Engineering, NPR College of Engineering and Technology and the chief guest Mr. Praveen Hanchinal, Educator, Resource Person on AI, ML, Cloud Computing, Big Data, IoT. Bengaluru. Program was initiated by Head, Mr.J.Viswanath, HOD-CSE, who addressed the gathering by congratulating all the participants for attending the FDP. Finally vote of thanks was proposed by program coordinator Mrs.V.Suitha, AP-CSE gave a formal vote of thanks.


Program Co-ordinator


HOD-CSE


IQAC Co-ordinator


Principal

Head of the Department

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 NPR College of Engineering & Technology
 Natham, Dindigul (Dt) - 624401.

Coordinator - IQAC

Department of Engineering & Technology
 Natham, Dindigul (Dt) - 624 401

Dr. J.SUNDARARAJAN,
 B.E., M.Tech., Ph.D.,
 Principal
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Faculty Development Program

On

Artificial Intelligence and Machine Learning with Data Science

CERTIFICATE

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING		
CERTIFICATE OF PARTICIPATION		
<p><i>This is to certify that</i></p> <p>.....</p> <p>of..... has attended in</p> <p>the Five days Faculty Development Program on “Artificial Intelligence and Machine Learning with Data Science” held from 21.09.2020 to 25.09.2020.</p>		
Convener	Principal	
Mr.J.Viswanath	Dr.J.Sundararajan	





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Workshop On 'Soft Computing'

INDEX

EVENT: Workshop on 'Soft Computing'

ACADEMIC YEAR: 2020-2021

DURATION: 2 DAYS

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PERMISSION LETTER

DATE: 15.09.2020

From

The Head of the Department,
Department of Computer Science and Engineering,
NPR College of Engineering & Technology,
Natham

To

The Principal,
NPR College of Engineering & Technology,
Natham


Respected Sir,

Sub: Permission for conducting Two Days Workshop on 'Soft Computing' – Reg.

We are planning to organize two days Workshop on 'Soft Computing' from our Department of Computer Science and Engineering for the faculties of our college and other colleges on 05.10.2020 and 06.10.2020 in our college premises. Dr. L. Arockiam, Associate Professor, St. Joseph College, Trichy, Dr. B. Lavanya, Associate Professor, University of Madras, Chennai and Mr. R. Ramakrishnan, Associate Professor, Dhanalakshmi College of Engineering, Chennai are going to be the resource persons for this workshop. We expect around 70 delegates from various Institutions.

We would like to request your permission and support to conduct the Workshop.

Thanking you


Yours faithfully,
Mr.J.Viswanath
HoD-CSE



Head of the Department
Department of Computer Science & Engineering
NPR College of Engineering & Technology
Natham, Dt. Dindigul (DT) - 624 401.



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

COVERING LETTER

Chief Patron

Mr.M.Siva Kumar

Chief Administrative Officer

Date: 03.09.2020

Patron

Prof. Dr. J.Sundararajan,

Principal

To

The Principal / Dean / Director,

All Engineering Colleges.

Convener

Mr.J.Viswanath

HoD-CSE

Dear Sir / Madam,

Sub:Two Days Workshop on 'Soft Computing' – Reg.,

Co-ordinator

Mrs. C.Kalpna,AP-CSE

We have great pleasure in informing you that the Department of Computer Science and Engineering, NPR College of Engineering & Technology, Natham is organizing **Two days Workshop on 'Soft Computing' during 5th & 6th October 2020.**

Organizing Committee Members

1.Mr. J. Dinesh , AP-CSE - NPRCET

2.Mr.D.Nagaraj, AP-CSE – NPRCET


3.Mrs.V.Sujitha, AP-CSE– NPRCET

4.Mrs. J. Prisca Mary, AP-CSE – NPRCET

This Workshop will immensely help the Faculty members and Research Scholars in CSE/IT/MBA/MCA Departments to broad base their knowledge in "Soft Computing" and enable them to explore in Soft Computing and also pursue an effective research career. Please find the details of the above workshop in the enclosed brochure. We request you to sponsor your faculty members from CSE/IT/MBA/MCA departments of your esteemed institution/organization for this **Two days Workshop**. We shall be glad to receive nominations from your Institution on or before **26.09.2020**

Kindly forward the attached brochure to the respective departments CSE/IT/MBA/MCA. Looking forward to your kind cooperation for the success of the Workshop.

Thanking you


With regards
Mr.J.Viswanath
(HOD-CSE)



Head of the Department
Department of Computer Science & Engineering
NPR College of Engineering & Technology
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

REGISTRATION FORM

Two days' Workshop
on

"Soft Computing"
5th & 6th OCT 2021

(To be filled in block letter)

Name : _____

Department: _____

Gender : Male / Female

Designation: _____

Organization: _____

Address for Communication: _____

Phone : _____

Email id: _____

Date: _____

Signature

ORGANIZING COMMITTEE

Chief Patron

Mr.M.Siva Kumar

Chief Administrative Officer

Patron

Prof. Dr. J.Sundararajan,

Principal

NPR College of Engineering & Technology,

Natham - 624 401.

Convener

Mr.J.Viswanath

HoD-CSE

Co-ordinator

Mrs.C.Kalpna AP-CSE

Organizing Committee Members

1 Mr. J. Dinash, AP-CSE - NPRCET

2 Mr D Nagaraj, AP-CSE - NPRCET

3 Mrs V Sujitha, AP-CSE - NPRCET

4 Mrs. J. Prisca Mary, AP-CSE - NPRCET



Two days' Workshop
on

"Soft Computing"

5th & 6th OCT 2021

Organized by

Department of
Computer Science and Engineering



NPR COLLEGE OF ENGINEERING

&

TECHNOLOGY

(An ISO 9001-2008 Certified Institution)
Natham - 624 401.

Phone : 04544 246500, 501, 502

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E-mail : nprcetcse@nprcolleges.org





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ABOUT THE INSTITUTION

Our College offers top class education in Engineering & Business Administration at UG, PG. It has well qualified staff, state of the art laboratories and all facilities. NPRCET has been created with an exalted aim of bringing students especially from the rural areas into the fields of Engineering and Technology.

The NPR College of Engineering and Technology was established in the year 2008 with a basic goal to impart quality, discipline and education. The campus is spread over 100 acres of lush green environment with lots of green cover and prime surroundings. We ensure that our institute can provide suitable industry engagement and career opportunities for students.

The NPR College of Engineering and Technology entered into e-revolution by making the entire campus WI-FI with 100 Mbps Internet facilities. The campus also holds the distinction by having a world class cricketer turf, the first of its kind in south Tamil Nadu. It is our pleasure to highlight that our college is the remote centre for IIT Kharagpur, centre of excellence with HCL for placement training & MoU with Electronics Corporation of India, UTL Tech Bangalore, CISCO, Tech Mahendra, Telex India Pvt Ltd, Chennai, Sarda Motor, Earth Institute.

ABOUT THE DEPARTMENT

Ours is undoubtedly the era of Computer Technology, the study of which continues to evoke new-found fascination. The department of Computer Science and Engineering at NPRCET, Natham was started in the year 2008 under the control of Anna University. The Computer Science and Engineering department has the strength of 120 inmates for UG and with the intake of 18 for PG. It has dedicated and highly qualified faculty members to direct all attention towards teaching and training the Computer Science Engineers and to make them look beyond the obvious.

There is a strong emphasis both on the fundamentals of computing and on practical skills and team work. The department has state of the art facilities for carrying out projects in computer graphics, vision, networks, distributed systems, hardware design and artificial intelligence.

The department of computer Science and Engineering had received 12 University ranks in Anna University theory examinations.

SCOPE OF WORKSHOP

Soft computing offers an attractive opportunity to represent the ambiguity in human thinking with real life uncertainty. Soft computing techniques encompasses fuzzy logic, genetic algorithm, and neural networks, and it has emerged as an effective tool for dealing with control, modeling, and decision problems in complex systems. This Faculty Development Programme aims to bring together experts from industries, academic, R&D institutions and other user communities on a common platform to discuss and share their expertise and ideas about advanced technologies and trends in Soft computing. There are wide range of real time application areas concerned with soft computing which includes data analysis and data mining, optimisation, fault diagnosis, control, pattern recognition, signal processing, image and video processing as well as traffic and transportation system, parameter estimation, system identification, robot solution, adaptive system, self-organisation and failure analysis, multi-objective optimisation etc.

TOPIC TO BE COVERED

- ✓ Introduction to Soft Computing
- ✓ Characteristics & Applications of Soft Computing techniques
- ✓ Fuzzy logic sets and membership functions
- ✓ Fuzzy relations, rules, promotions, implications, and inference, Defuzzification techniques
- ✓ ANN Architecture.

RESOURCE PERSONS

- ✓ Dr. B. Lavanya, Associate Professor, University of Madras, Chennai.
- ✓ Dr. L. Arockiam, Associate Professor, St. Joseph College, Trichy.
- ✓ Mr. R. Ramakrishnan, Associate Professor, Dhansalakshmi College of Engineering, Chennai.

IMPORTANT DATES

Confirmation of Registration: 25.09.2021
Last Date for Registration : 26.09.2021

BOARDING AND LODGING

Boarding and lodging will be provided to the participants in the college campus with prior request.

ABOUT THE LOCATION

NPRCET is situated at Natham which is 37 kms away from Dindigul and 55 kms away from Madurai, Tamil Nadu.

FDP VENUE

CSE Main Laboratory,
Department of Computer Science and Engineering
NPR College of Engineering and Technology
Natham-624 401

ADDRESS FOR CORRESPONDANCE

Mrs C.Kalpana,
AP - Department of CSE
NPR College of Engineering and Technology,
Natham-624-401,
TamilNadu, Mobile: 9003393592.

Email ID.kalpansy@nprcolleges.org

Website: www.nprcolleges.org





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

The Management, Principal and Staff

Cordially invite you for the inauguration of

'Workshop

on

Soft Computing'

on October 04th at 9:30 a.m.

Chief Guest

Dr. B. Lavanya

Associate Professor,

University of Madras, Chennai.

Prof. Dr. J.Sundararajan

Principal,

NPR College of Engineering & Technology

Felicitates the function

Organized By

Department of Computer Science and Engineering,

NPR College of Engineering & Technology,

NPR Nagar, Natham.



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Workshop
on
‘Soft Computing’

PROGRAM SCHEDULE

Date:04.10.2021

External Resource Persons:	Internal Resource Persons:
<ol style="list-style-type: none"> 1. Dr. B. Lavanya, Associate Professor, University of Madras, Chennai. 2. Dr. L. Arockiam, Associate Professor, St. Joseph College, Trichy. 3. Mr. R. Ramakrishnan, Associate Professor, Dhanalakshmi College of Engineering, Chennai. 	<ol style="list-style-type: none"> 1.Mr. J. Dinesh , AP-CSE - NPRCET 2.Mr.D.Nagaraj, AP-CSE – NPRCET 3.Mrs.V.Sujitha, AP-CSE– NPRCET 4.Mrs. J. Prisca Mary, AP-CSE – NPRCET

PROGRAM SCHEDULE				
DATE	TIME	SESSION	TOPIC	RESOURCE PERSON
Day 1 05.10.2020 (MONDAY)	9:00 a.m.		Registration	
	9:30 a.m.to 10:00 a.m.		Inauguration	
	10:00 a.m.to 11:10 a.m.	SESSION I	Introduction to Soft Computing, Introduction to Fuzzy logic, Fuzzy membership functions, Operations on Fuzzy sets	Dr. B. Lavanya, Asso.Prof & University of Madras
	11:10 a.m.to 11:30 a.m.		Tea Break	
	11:30 a.m.to 12:30 p.m.	SESSION II	Fuzzy relations, Fuzzy propositions, Fuzzy implications, Fuzzy inferences	Dr. B. Lavanya, Asso.Prof & University of Madras Chennai.
	12:30 p.m to 01: 30 p.m.		Lunch Break	





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

	01:30 p.m.to 2.45 p.m.	SESSION III	Defuzzification Techniques-I, Defuzzification Techniques-II,	Mrs.V.Sujitha AP-CSE - NPRCET
	02:45 p.m.to 03:00 p.m.	Tea Break		
	03:00 p.m to 04:00 p.m	SESSION IV	Fuzzy logic controller-I, Fuzzy logic controller-II	Mr.J.Dinesh AP/CSE – NPRCET
Day 2 06.10.2020 (TUESDAY)	9:30 a.m - 10:45 a.m	SESSION I	Solving optimization problems, Concept of GA, GA Operators: Encoding, GA Operators: Selection-I	Dr. L. Arockiam, Associate professor, St. Joseph College, Trichy.
	10:45 a.m to 11.00 a.m	Tea Break		
	11.00 a.m to 12.30 p.m	SESSION II	GA Operators: Selection-II, GA Operators: Crossover-I, GA Operators: Crossover-II, GA Operators: Mutation	Dr. L. Arockiam, Associate professor, St. Joseph College, Trichy.
	12.30 p.m to 1.30 p.m	Lunch Break		
	1.30 p.m to 2.45 p.m	SESSION III	Introduction to EC-I, Introduction to EC-II, MOEA Approaches:	Mr. R. Ramakrishnan, Associate Professor, Dhanalakshmi College of Engineering,
	2.45 p.m to 3.00 p.m	Tea Break		
	3.00 p.m to 4.00 p.m	SESSION IV	Non-Pareto, MOEA Approaches: Pareto-I	Mr. R. Ramakrishnan, Associate Professor, Dhanalakshmi College of Engineering,
	4.00 p.m to 4.30 p.m	Valedictory		



Program Co-ordinator

HoD-CSE

IQAC Co-ordinator

Principal

Head of the Department
Department of Computer Science & Engineering
NPR College of Engineering & Technology
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Coordinator - IQAC

Dr. J.SUNDARARAJAN,
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Workshop on 'Soft Computing'

PHOTOGRAPH



During Workshop Session





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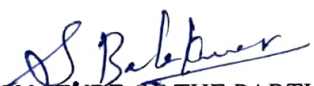


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Workshop On 'Soft Computing'

PARTICIPANT FEEDBACK REPORT

This workshop was very informative and excellent. personally, I liked the hands-on session in soft computing. I will share the knowledge I gained in this workshop with my students. I must thank the organizing team for their wonderful arrangements and the hospitality.


SIGNATURE OF THE PARTICIPANT
S. Balakumar - AP/CSF
SBMCET





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Workshop on 'Soft Computing'

SUMMARY REPORT

Two days workshop on 'Soft Computing' was successfully conducted by the Department of Computer Science & Engineering of NPR College of Engineering & Technology, Natham on 05.10.2020 and 06.10.2020. The Workshop received an overwhelming response with 58 participants.

The aim of the workshop was to provide training to the faculties on the use and benefits of Open Source Software and the following aspects of Soft Computing was covered Introduction to Soft Computing, Characteristics & Applications of Soft Computing techniques, Fuzzy logic sets and membership functions, Fuzzy relations, rules, promotions, implications, and inference, Defuzzification techniques, Fuzzy logic controller design

The Programme was inaugurated at 9.30 a.m. by Dr. B. Lavanya, Associate Professor, University of Madras, Chennai. (Resource Person), in the presence of Dr. J. Sundararajan, Principal, NPR College of Engineering and Technology, HOD Mr. J. Viswanath, and faculty Mrs. C. Kalpana, AP-CSE. This was followed by the lectures on Soft Computing by internal resource persons in the AN of 04.10.2021. The Workshop was concluded with a session on ANN Architecture delivered by the External Resource Person Mr. R. Ramakrishnan. The certificates were distributed to participants by Mr. R. Ramakrishnan. On the whole the Workshop received a lot of positive feedback from participants and it paved the way for participants to implement their Research Ideas in Soft Computing. Finally vote of thanks was proposed by program coordinator Mrs. C. Kalpana, AP-CSE, to all the dignitaries, participants, supporting teaching and non-teaching staff of Department of Computer Science and Engineering, NPR College of Engineering & Technology.

Program Co-ordinator

HOD-CSE

IQAC Co-ordinator

Principal

Head of the Department

Coordinator - IQAC

Dr. J. SUNDARARAJAN,

B.E., M.Tech., Ph.D.,

Principal

N.P.R. College of Engineering & Technology
Natham, Dindigul (Dt) - 624 401.

Department of Computer Science & Engineering
NPR College of Engineering & Technology
Natham, Dindigul (Dt) - 624 401.





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Workshop On 'Soft Computing'

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CERTIFICATE OF PARTICIPATION

This certificate is presented to

for actively attending the Workshop On "Soft Computing" organized by
Department of Computer Science and Engineering

on 05.10.2020 & 06.10.2020

HoD-CSE
Mr.J.Viswanath

Principal
Dr. J.Sundararajan





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DEPARTMENT OF CIVIL ENGINEERING

WORKSHOP ON

"HIGH PERFORMANCE IN SMART MATERIALS FOR STRUCTURAL APPLICATIONS"

INDEX

EVENT: Online WORKSHOP ON "HIGH PERFORMANCE IN SMART MATERIALS FOR STRUCTURAL APPLICATIONS"

ACADEMIC YEAR: 2020 -2021

SEMESTER: EVEN

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N. D. B. C.
Programme Co-ordinator

[N. I. K. A. T. E. I. C.
Ap/civil]

[Signature]
HoD-Civil

Head of the Department
Department of Civil Engineering
NPR College of Engineering & Technology
Natham, Dindigul (Dt)-624 401

[Signature]
IQAC Co-ordinator

Coordinator - IQAC
NPR College of Engineering & Technology
Natham, Dindigul (Dt)-624 401

[Signature]
Principal

Principal
NPR College of Engineering & Technology
Natham, Dindigul (Dt)-624 401





NPR College of Engineering & Technology

NPR Nagar, Natham, Dindigul - 624401, Tamil Nadu, India.
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DEPARTMENT OF CIVIL ENGINEERING

PERMISSION LETTER

DATE: 25.02.2021

From

The Head of the Department,
Department of Civil Engineering,
NPR College of Engineering & Technology,
Natham

To

The Principal,
NPR College of Engineering & Technology,
Natham

Respected Sir,

Sub: Requisition for organizing a online Workshop program on **"HIGH PERFORMANCE IN SMART MATERIALS FOR STRUCTURAL APPLICATIONS"** -Reg.

We, the Department of Civil Engineering, proposed to organize one day online Workshop on **"HIGH PERFORMANCE IN SMART MATERIALS FOR STRUCTURAL APPLICATIONS"** to the faculties of our college and other colleges on 04.03.2021 in our college premises. Er.Samuel Sivakumar, Technical Manager - V Lands group is the resource person for this workshop. We expect around 30 delegates from various Institutions.

We request you to kindly grant permission to organize the same.

Thanking you



Yours Faithfully

Dr.A.Hemalatha
Dr.A.Hemalatha

Head of the Department
Department of Civil Engineering
NPR College of Engineering & Technology,
Natham, Dindigul (DT) - 624401.



NPR College of Engineering & Technology

NPR Nagar, Natham, Dindigul - 624401, Tamil Nadu, India.

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DEPARTMENT OF CIVIL ENGINEERING

FUNCTION PERMISSION LETTER

Letter No.		Letter date : 26.02.2021
Sl.No.	PARTICULARS	
1.	Name of the College	NPR College of Engineering & Technology
2.	Department	Civil Engineering
3.	Title of the Function	Online workshop on "HIGH PERFORMANCE IN SMART MATERIALS FOR STRUCTURAL APPLICATIONS"
4.	Function Date	04.03.2021
5.	Function Name	Online Workshop
6.	A. Resource Person Name	Er.Samuel Sivakumar
	B. Mode of Transport Receiving	No
	C. Mode of Transport Sending	No
	D. Honoring	
	i. Memento	No
	ii. Shawl	No
	iii. Bouquet	No
	E. Tiffin / Lunch /Dinner	No
	F. Tea & Snacks	No
7.	Tea & Snacks for Staff	No
8.	Invitation & Flex Designing	
	A. Printing Invitation Model	Yes
	B. No of Invitations /	Yes





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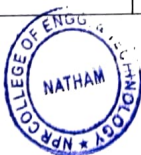
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DEPARTMENT OF CIVIL ENGINEERING

	Brochures	
	C. Invitation Distribution	No
	i. Name list by Post	No
	ii. Name list by person	No
9.	Reception things requirement	No
	A. Table & Table Cloth	No
	B. Tray & Tray Cloth	No
	C. Sandal	No
	D. Kungumam	No
	E. Sweet	No
	F. Paneer Bottle/ Spray	No
10.	Hall & Seating arrangements	No
	A. No. of Staff	30 Approximately
	B. No .of Chairs on the stage	No
	C. No .of VIP in front of the stage	No
	i. Prayer Song	No
	ii. National Anthem	No
	D. Podiums	No
	E. Tea Poy	No
	F. Flower Wash	No
	G. Water Bottle & Glasses	No
11.	Advertisement	-





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DEPARTMENT OF CIVIL ENGINEERING

	A. Photographer time	No
	B. Daily News	Yes
	C. After the function	Yes
12.	Feedback form needed	Yes

N. *[Signature]*

Programme Co-ordinator

[N. Kartic]
AP - civil

[Signature]
HoD-Civil

Head of the Department
Department of Civil Engineering
NPR College of Engineering & Technology
Natham, Dindigul (DT) - 624 401.





NPR College of Engineering & Technology

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DEPARTMENT OF CIVIL ENGINEERING

CIRCULAR

DATE: 27.02.2021

This is to inform that Department of Civil Engineering has planned to conduct a online workshop on
“HIGH PERFORMANCE IN SMART MATERIALS FOR STRUCTURAL APPLICATIONS” to the faculties of our college and other colleges in our college campus during this
Academic year 2020-2021.

The details of the training program are given below.

EVENT	: Program on “HIGH PERFORMANCE IN SMART MATERIALS FOR STRUCTURAL APPLICATIONS”
RESOURCE PERSON'S	: Er.Samuel Sivakumar
VENUE	: Through Google Meet
DATE	: 04.03.2021
SESSION TIMING	: 09:30 a.m to 12:30 p.m 01:00 p.m to 04:00 p.m
PROGRAM COORDINATOR	: Mr.N.Karthic, AP/Civil

N. Karthic
Programme Co-ordinator

[N. Karthic]
AP / civil

A. S. Sivasubramanian
HoD-Civil



Department of Civil Engineering
NPR College of Engineering & Technology
Natham, Dindigul (DT) - 624 401.



NPR College of Engineering & Technology

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DEPARTMENT OF CIVIL ENGINEERING

*The Management, Principal and Staff
Cordially invite you for the inauguration of*

ONLINE WORKSHOP

on

"HIGH PERFORMANCE IN SMART MATERIALS FOR STRUCTURAL APPLICATIONS"

On 04th March, 2021

Venue: Google Meet at 9:30 a.m

Chief Guest

Er.Samuel Sivakumar,

Technical Manager

V Lands group

Dr. J.Sundararajan

Principal,

NPR College of Engineering & Technology

Felicitates the function

ORGANIZED BY

DEPARTMENT OF CIVIL ENGINEERING,

NPR COLLEGE OF ENGINEERING & TECHNOLOGY,

NPR Nagar, Natham.





NPR College of Engineering & Technology

NPR Nagar, Natham, Dindigul - 624401, Tamil Nadu, India.
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DEPARTMENT OF CIVIL ENGINEERING

WORKSHOP ON HIGH PERFORMANCE IN SMART MATERIALS FOR STRUCTURAL APPLICATIONS

Course Content:

The Theoretical and practical sessions will be conducted which will include the following topics:

- Introduction of Smart Materials
- New Engineering Approaches in smart materials
- Metal Organic Framework.

N. Sateesh

Programme Co-ordinator

[N. Sateesh]
AP / Civil

S. Sathish
HoD-Civil

Head of the Department
Department of Civil Engineering
NPR College of Engineering & Technology,
NPR Nagar, Natham, Dindigul - 624401.





NPR College of Engineering & Technology

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DEPARTMENT OF CIVIL ENGINEERING

WORKSHOP ON "HIGH PERFORMANCE IN SMART MATERIALS FOR STRUCTURAL APPLICATIONS"

PROGRAM SCHEDULE

Venue: Through Google Meet

Date: 01.03.2021

External Resource Person:

Er.Samuel Sivakumar
Technical Manager
V Lands group

Internal Resource Persons:

Mr.K.Shanthakumar, AP/CIVIL

PROGRAM SCHEDULE				
DATE	TIME	SESSION	TOPIC	RESOURCE PERSON
04.03.2021	9:30 a.m to 10:00 a.m	Inauguration		
	10:00 a.m to 11:10 a.m	SESSION I	Introduction in Smart Materials	Er.Samuel Sivakumar Technical Manager V Lands group
	11:10 a.m to 11:30 a.m	Tea Break		
	11:30 a.m to 12:30 p.m	SESSION II	New Engineering Approaches in smart materials	Er.Samuel Sivakumar Technical Manager V Lands group
	12:30 p.m to 01: 30 p.m	Lunch Break		
	01:30 p.m to 02: 45 p.m	SESSION III	Metal Organic Framework.	Mr.K.Shanthakumar, AP/CIVIL
	02:45 p.m to 03: 00 p.m	Tea Break		
	3.00 p.m to 4.00 p.m	SESSION IV	Questionery session	
	4.00 p.m to 4.30 p.m	Valedictory function		

N. [Signature]

Programme Co-ordinator

[Signature]
AP/Civil



[Signature]
HoD-Civil

Head of the Department
Department of Civil Engineering
NPR College of Engineering & Technology
Natham, Dindigul (DD) - C.



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DEPARTMENT OF CIVIL ENGINEERING

WORKSHOP ON

“HIGH PERFORMANCE IN SMART MATERIALS FOR STRUCTURAL APPLICATIONS”

RESOURCE PERSON PROFILE [EXTERNAL]

Name : Er.Samuel Sivakumar
Designation : Technical Manager
Company Name : V Lands group
Specialization & Experience : 04+ yrs experience in Teaching profession
Contact Details : www.linkedin.com/in/samuel-siva-963554 (LinkedIn)

N. *[Signature]*

Programme Co-ordinator

[N. Icaustic]
AP/civil



[Signature]
HoD-Civil

Head of the Department
Department of Civil Engineering
NPR College of Engineering & Technology
Natham, Dindigul (DT) - 624 401.



NPR College of Engineering & Technology

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DEPARTMENT OF CIVIL ENGINEERING

WORKSHOP ON "HIGH PERFORMANCE IN SMART MATERIALS FOR STRUCTURAL APPLICATIONS"

STAFF ATTENDANCE



Workshop - HIGH PERFORMANCE AND SMART MATERIALS FOR STRUCTURAL APPLICATIONS

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3/4/2021 11:12:34					
	A	B	C	D	E
1	Timestamp	Score	Email	Title	Name of the Participant
2	3/4/2021 11:11:28		venkatesanvishal4105@	Mr	Venkaesan
3	3/4/2021 11:12:34		revmuthu2408@gmail	Ms	Revathy. A
4	3/4/2021 11:11:28		ram9585749266@gmail	Ms	M.Ramalakshmi
5	3/4/2021 11:11:28		Kennedykalyani2000@gr	Ms	Kalyani k
6	3/4/2021 11:11:28		Somasundaramharini@g	Ms	S.HARINI
7	3/4/2021 11:11:28		lakshmidivi24042001@c	Ms	K Lakshmi Devi
8	3/4/2021 11:11:28		muthukumarharish44@g	Mr	M. HARISH
9	3/4/2021 11:12:34		syuvashreecivil@gmail.c	Ms	Yuvashree.S
10	3/4/2021 11:12:34		laxsri1508@gmail.com	Ms	S.srilakshmi
11	3/4/2021 11:11:28		yazsekar24@gmail.com	Ms	Yazhini.S
12	3/4/2021 11:12:34		naveenkumars09102002	Mr	Naveen Kumar S
13	3/4/2021 11:12:34		anandhanalaguvelcivil@	Ms	ANANDHAN ALAGUVEL
14	3/4/2021 11:12:34		Subashcivilsubash@gma	Mr	Subash
15	3/4/2021 11:12:34		hariprasath73388@gmai	Mr	M. Hariprasath
16	3/4/2021 11:12:34		dhanacvip@gmaip.com	Ms	dhanalakshmi
17	3/4/2021 11:12:34		vikneshv663@gmail.com	Mr	S.vikneshwaran
18	3/4/2021 11:12:34		jjeevitha262@gmail.com	Ms	Jeevitha. C
19	3/4/2021 11:12:34		alagararun64@gmail.co	Mr	K Alagar
20	3/4/2021 11:12:34		manobharathi2mano@gr	Ms	Mano bharathi. T

+ Form Responses 1

N. *[Signature]*
Programme Co-ordinator

[Signature]
AP / Civil

[Signature]
HOD, Civil

Head of the Department
Department of Civil Engineering
NPR College of Engineering & Technology
Natham, Dindigul (DT) - 624401





NPR College of Engineering & Technology

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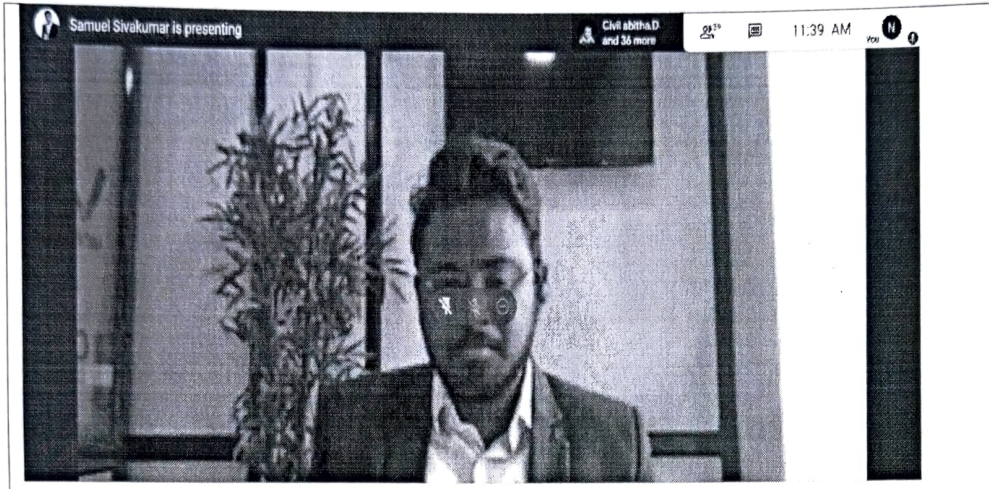
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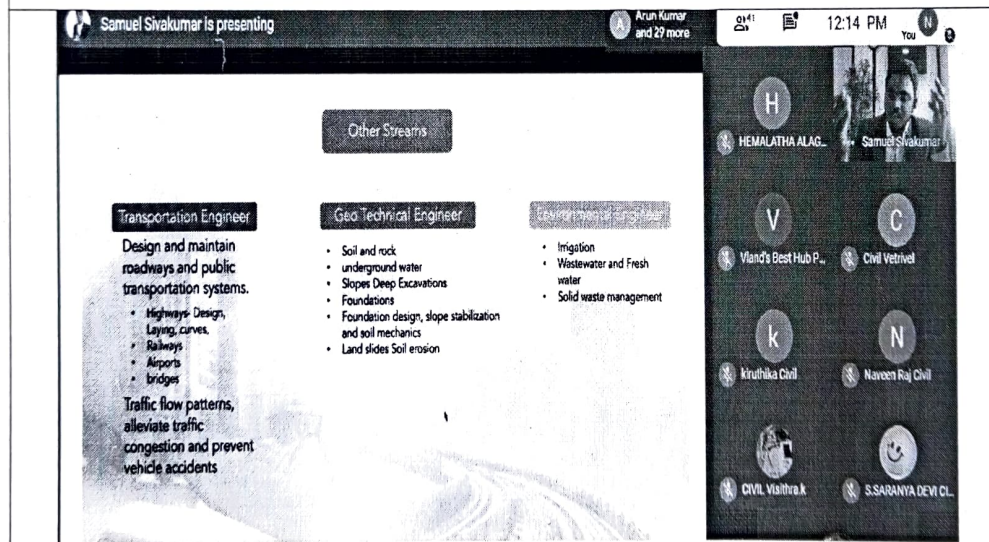
DEPARTMENT OF CIVIL ENGINEERING

WORKSHOP ON "HIGH PERFORMANCE IN SMART MATERIALS FOR STRUCTURAL APPLICATIONS" PHOTOGRAPH

Google Meet Link : <https://forms.gle/nrm4chU8fwQVUSdr9>



Our Chief Guest Presenting the Slide to our Faculty Members



Our Chief Guest Explaining the Types of Engineers and the Work Nature to the Faculty members





NPR College of Engineering & Technology

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DEPARTMENT OF CIVIL ENGINEERING

docs.google.com/forms/d/18a-eDufQdMmF_E2oOCQdDm-ZH4ZuKALuZAg3H34Y/edit#responses

One day Workshop - "High Performance and Smart Material For Structural Application"

Organized by
Department of Civil Engineering
NPR College of Engineering & Technology
NPR Nagar, Natham,
Dindigul - 624 401

Date: 04-03-2021 (Thursday)
Time: 09:30 AM

Presenter: E. Sampel Shvakumar,
Technical Manager,
Viland Groups,
Chennai

Email *

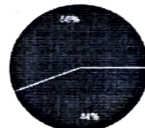
Short answer text

Title *

Online workshop on HIGH PERFORMANCE IN SMART MATERIALS FOR STRUCTURAL APPLICATIONS registration form

docs.google.com/forms/d/18a-eDufQdMmF_E2oOCQdDm-ZH4ZuKALuZAg3H34Y/edit#responses

Title
25 responses



Name of the Participant
25 responses

Venkaesan

Ravathy, A

M. Ramalakshmi

Online workshop on HIGH PERFORMANCE IN SMART MATERIALS FOR STRUCTURAL APPLICATIONS Response

N. [Signature]
Programme Co-ordinator
[Signature]
AP/civil



[Signature]
HoD-Civil

Head of the Department
Department of Civil Engineering
NPR College of Engineering & Technology
Natham, Dindigul (DT) - 624 401.



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DEPARTMENT OF CIVIL ENGINEERING

WORKSHOP ON "HIGH PERFORMANCE IN SMART MATERIALS FOR STRUCTURAL APPLICATIONS"

SUMMARY REPORT

Workshop session began with inauguration at 09:30 a.m, the workshop was conducted through Google meet by Department of Civil Engineering, NPR College of Engineering and Technology. Dignitaries of the program were Dr.J.Sundararajan Principal, NPR College of Engineering & Technology, Dr.A.Hemalatha, Head, Department of Civil Engineering and the chief guest Er.Samuel sivakumar has graced the inaugural session .

Mr.N.Karthic, Assistant Professor, Department of Civil Engineering, NPR College of Engineering & Technology addressed the gathering by welcoming the guest and all the participants who came from various places.

Dr.A.Hemalatha, Head, Department of Civil Engineering, enlightened the audience by relating current trends in smart materials. she proposed the objective of this workshop program in concern to thrust areas of research as well as in relation with academics.

Principal Dr.J.Sundararajan congratulated all the participants and the organizing team.

Chief Guest of the day Er.Samuel Sivakumar gave a primary motivation to all the participants regarding the Workshop, encouraging recent trends in order to fulfil upcoming projects.

The Programme was concluded with Valedictory function, the dignitaries who graced the occasion were Dr.A.Hemalatha and chief guest Er.Samuel Sivakumar

Program was initiated by Head, Dr.A.Hemalatha, who addressed the gathering by congratulating all the participants for attending the Workshop. Finally, vote of thanks was proposed by Workshop coordinator Mr.N.Karthic, AP/Civil, to all the dignitaries, participants, supporting teaching and non-teaching staff of Department of civil Engineering, NPR College of Engineering & Technology. later certificates were sent to all the 25 participants through mail.

N. Karthic
Programme Co-ordinator

Dr. A. Hemalatha
HoD-Civil

Dr. J. Sundararajan
IQAC Co-ordinator

Dr. J. Sundararajan
Principal

[N. Karthic]
AP/civil

Head of the Department
Department of Civil Engineering
NPR College of Engineering & Technology
Natham, Dindigul (Dt)-624 401.



Coordinator - IQAC

NPR College of Engineering & Technology

Natham, Dindigul (Dt)-624 401.

Principal

NPR College of Engineering & Technology
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DEPARTMENT OF CIVIL ENGINEERING

WORKSHOP ON "HIGH PERFORMANCE IN SMART MATERIALS FOR STRUCTURAL APPLICATIONS"

CERTIFICATE



NPR College of Engineering & Technology

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DEPARTMENT OF CIVIL ENGINEERING

Certificate of Participation

This is to certify that

of..... has attended
the Online One Day Workshop on **HIGH PERFORMANCE IN SMART
MATERIALS FOR STRUCTURAL APPLICATIONS** on 04.03.2021

HoD/Civil
Dr.A.Hemalatha

Principal
Dr.J.Sundararajan



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Workshop

on

'RECENT TRENDS IN EMBEDDED TECHNOLOGY'

INDEX

EVENT: Workshop on 'RECENT TRENDS IN EMBEDDED TECHNOLOGY'

ACADEMIC YEAR: 2020 -2021

SEMESTER: EVEN

DURATION: 2 DAYS

S. NO.	PARTICULARS	PAGE NO.
1.	PERMISSION LETTER	1
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
PERMISSION LETTER

DATE: 19.01.2021

From

The Head of the Department,
Department of Electronics and Communication Engineering,
NPR College of Engineering & Technology,
Natham.

To

The Principal,
NPR College of Engineering & Technology,
Natham.

Respected Sir,

Sub: Requisition for organizing a 2 days Workshop on “**RECENT TRENDS IN EMBEDDED TECHNOLOGY**” – Reg.

We, Department of Electronics and Communication Engineering, proposed to organize 2 days Workshop on “**RECENT TRENDS IN EMBEDDED TECHNOLOGY**” to the faculties and students of our college and other colleges on 11.03.2021 and 12.03.2021 in our college premises. **Mr. K. Baskar**, Senior System Analyst, Ridsys, Pondicherry is going to be the resource person for this workshop. We expect around 60 delegates from various institutions.

We request you to kindly grant permission to organize the same.



Thanking you

Yours faithfully,

(Dr.A.Gopisaminathan),

Head of the Department
Department of Electronics & Communication Engineering
NPR College of Engineering & Technology
Natham, Dindigul (DI) - 624 401.



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COVERING LETTER

Patron

Dr.J Sundararajan
Principal

Convener

Dr A.Gopisaminathan,
HoD-ECE

Co-ordinator

Dr.S M.Vijayarajan, ASP-ECE.

Organizing Committee Members

1. Mr.S.Sudhakar, AP-ECE
2. Mrs.C Kannika Parameshwari,
AP-ECE



Date: 08.02.2021

To

The Principal / Dean / Director,
All Engineering Colleges.

Dear Sir / Madam,

Sub: 2 Days Workshop on 'RECENT TRENDS IN EMBEDDED TECHNOLOGY' – Reg.,

We have great pleasure in informing you that the Department of Electronics and Communication Engineering, NPR College of Engineering & Technology, Natham is organizing 2 days Workshop on 'RECENT TRENDS IN EMBEDDED TECHNOLOGY' on 11.03.2021 and 12.03.2021.

The objective of the Workshop on "RECENT TRENDS IN EMBEDDED TECHNOLOGY" is to enrich the knowledge and best practices for the young faculty and students to interact with senior expert academicians and to enhance their teaching learning process in theoretical sessions. Please find the details of the above workshop in the enclosed brochure. We request you to sponsor faculty members and students from ECE/EEE/CSE departments of your esteemed institution/organization for this two days workshop. We shall be glad to receive nominations from your Institution on or before 26.02.21.

Kindly forward the attached brochure to the respective departments. Looking forward to your kind cooperation for the success of the Workshop.

Thanking you,

With regards,

(Dr. A. Gopisaminathan)

HoD – ECE

Head of the Department
Department of Electronics & Communication Engineering
NPR College of Engineering & Technology
Natham, Dindigul (DT) - 624 401.



NPR College of Engineering & Technology

NPR Nagar, Natham, Dindigul - 624401, Tamil Nadu, India.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai.

An ISO 9001:2015 Certified Institution.

Phone No: 04544- 246 500, 246501, 246502.

Website : www.nprcolleges.org, www.nprcet.org, Email nprcetprincipal@nprcolleges.org



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Workshop on 'RECENT TRENDS IN EMBEDDED TECHNOLOGY'

Brochure

ABOUT THE INSTITUTION

NPR College of Engineering & Technology offers top class education in Engineering & Business Administration at UG and PG level. It has well qualified staff, state of the art laboratories and all facilities. NPRCET has been created with an exalted aim of bringing students especially from the rural areas into the fields of Engineering & Technology.

NPR College of Engineering & Technology was established in the year 2008 with a basic goal to impart quality education and discipline. The campus is spread over 100 acres of lush green environment with lots of green cover and pristine surroundings. We ensure that our institute can provide suitable industry engagement and career opportunities for students.

NPR College of Engineering & Technology has entered into a revolution by making the entire campus with Wi-Fi of 100 Mbps Internet facilities. The campus also holds the distinction by having a world class cricketing turf, the first of its kind in south Tamil Nadu. It is our pleasure to highlight that our college is the remote centre for IIT Kharagpur, centre of excellence with HCL for placement training & MoU with Electronics Corporation of India, UTL Tech Bangalore, CISCO, Tech Mahendra, Tekbos India Pvt Ltd, Chennai, Sarda Motor and Earth Institute.

ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering was established in the academic year 2008. The ECE department emphasizes teaching and research in the areas of Electronic and photonic materials, devices and circuits, VLSI design and testing, Communications and Signal processing. The modern laboratories complement the high standards set by the competitive syllabus and nurture the tendency of the students towards research and development, besides giving them the necessary and sufficient backing of practical knowledge that they need. The department has a proportionate workforce having experience in academics and in industries.

Students are given education as well as training exposure in order to get placed in highly reputed companies. Symbiosis between placement cell and the department help the students to achieve the best of the jobs of their careers. Exposure as well as training is provided to the students for advanced studies and various guest lectures and mock interviews are conducted from time to time to facilitate the students and create awareness.

ABOUT THE WORKSHOP

Embedded system is the core of every intelligent device. Everything around you from a simple watch to the space ship is using embedded systems. Your mobile phones, PDAs, Washing Machines, Microwave Ovens, Automobile and all the automated electronics systems are having one or another form of embedded systems responsible for their intelligent functioning. Electronic devices are rapidly finding applications in many of the areas, from simple coffee vending machines to space science to environmental friendly products such as bio belly etc. Indian embedded market worth \$5.9 billion dollars, and expects 30 % growth by 2015. This will certainly increase the demand of professionals in the embedded systems. Main aim of this training module is to make the students skill full and efficient for all the hardware and software related concepts for 8051 Microcontrollers.

IMPORTANT DATE

Last Date for Registration : 26.02.2021

BOARDING AND LODGING

Boarding and lodging will be provided to the participants in the college campus with prior request.

REGISTRATION FEE DETAILS

Spot Registration by paying Cash (Or) Demand Draft (per the registration fee) in favour of "NPR College of Engineering & Technology" payable at Natham. Registration Kit, Lunch, Tea, Snacks and Certificate will be provided to all the participants.

Students UG (Per head)	: Rs. 150/-
Students PG (Per head)	: Rs. 250/-
Faculty/ Research scholar	: Rs. 500/-
Industry Participants	: Rs. 750/-

DD to be drawn in favour of

The Principal,
NPR College of Engineering and Technology,
Natham-624401.

ABOUT THE LOCATION

NPRCET is situated at Natham which is 27 Kms away from Dindigul and 35 Kms away from Madurai, Tamil Nadu.

ADDRESS FOR CORRESPONDENCE

Dr.A.Gopisaminathan,
HoD - Department of ECE
NPR College of Engineering and Technology,
Natham - 624 401,
TamilNadu.
Email ID: nprcetprincipal@nprcolleges.org
Website: www.nprcolleges.org





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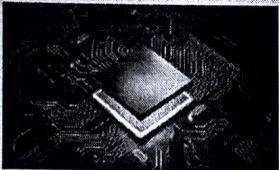
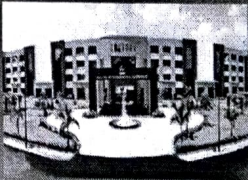
Website : www.nprcolleges.org, www.nprcet.org, Email: nprcetprincipal@nprcolleges.org



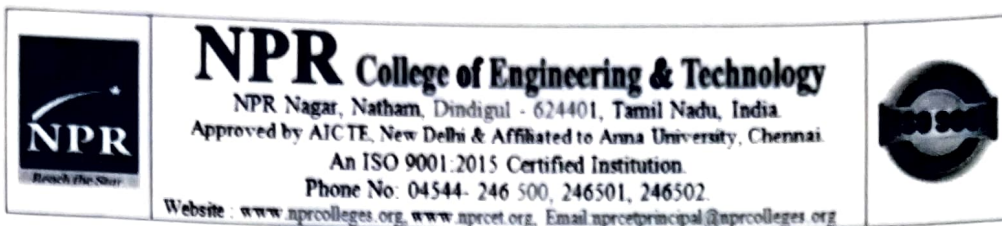
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Workshop on 'RECENT TRENDS IN EMBEDDED TECHNOLOGY'

Brochure

Two days Workshop on Recent Trends in Embedded Technology 11 th and 12 th MARCH 2021		ORGANIZING COMMITTEE	Two days Workshop on Recent Trends in Embedded Technology 11 th and 12 th MARCH 2021 Organized by Department of Electronics and Communication Engineering	
Registration Form (To be filled in block letters)		Patron Prof. Dr. J. Sundararajan, Principal, NPR College of Engineering & Technology, Natham - 624 401.	 	
Name		Co-ordinator Dr. S. M. Vijayarajan, ASP-ECE	NPR COLLEGE OF ENGINEERING & TECHNOLOGY	
Department		Organizing Committee Members	Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai. (An ISO 9001:2015 Certified Institution) Natham - 624 401.	
Gender : Male / Female		1. Mr. S. Sudhakar, AP-ECE	Phone : 04544 246500, 501, 502	
Designation		2. Mrs. C. Kannika Parameswari, AP-ECE	Fax : 04544 246511	
Organization			E-mail : nprcetprincipal@nprcolleges.org	
Address for Communication				
Phone				
Email id				
Mode of Payment : DD <input type="checkbox"/> Cash <input type="checkbox"/>				
DD No.				
Name of Bank				
Date				
Amount Rs.				
Signature				





**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**

The Management, Principal and Staff

Cordially invite you for the inauguration of

Workshop on

***'RECENT TRENDS IN EMBEDDED
TECHNOLOGY'***

On 11th March, 2021

Venue: NPRCET Auditorium at 10 a.m.

Chief Guest

Mr.K.Baskar

Senior System Analyst, RIDSYS,

Pondicherry

Dr.J.Sundararajan,

Principal,

NPR College of Engineering & Technology

felicitates the function



Organized by

Department of Electronics and Communication Engineering

NPR College of Engineering & Technology

NPR Nagar, Natham.



	<h1 style="text-align: center;">NPR College of Engineering & Technology</h1> <p style="text-align: center;">NPR Nagar, Natham, Dindigul - 624401, Tamil Nadu, India. Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai. An ISO 9001:2015 Certified Institution. Phone No: 04544- 246 500, 246501, 246502. Website : www.nprcolleges.org, www.nprcet.org, Email: nprcetprincipal@nprcolleges.org</p>	
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Workshop
on
'RECENT TRENDS IN EMBEDDED TECHNOLOGY'

PROGRAMME SCHEDULE

Venue: DSP Lab

Date: 11.03.2021

External Resource Persons: Mr. K.Baskar, Senior System Analyst, Ridsys, Pondicherry.	Internal Resource Persons: Mr.S.Sudhakar, AP-ECE Mr.J.G.Sabarish, AP-ECE
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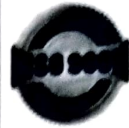
PROGRAMME SCHEDULE				
DATE	TIME	SESSION	TOPIC	RESOURCE PERSON
Day 1 11.03.2021	9:00 a.m.		Registration	
	9:30 a.m.to 10:00 a.m.		Inauguration	
	10:00 a.m. to 11:10 a.m.	SESSION I	Introuction to embedded system design	Mr.K.Baskar, Senior System Analyst, Ridsys, Pondicherry
	11:10 a.m. to 11:30 a.m.		Tea Break	
	11:30 a.m.to 12:30 p.m.	SESSION II	Design methodology, design flow	Mr S.Sudhakar Assistant Professor, Department of Electronics and Communication Engineering, NPRCET.
	12:30 p.m.to 1: 30 p.m.		Lunch Break	
	1:30 p.m.to 2: 45 p.m.	SESSION III	HANDS on TRAINING	Mr.K.Baskar, Senior System Analyst, Ridsys, Pondicherry
	2:45 p.m.to 3: 00 p.m.		Tea Break	
	3:00 p.m.to 4: 00 p.m.	SESSION IV	HANDS on TRAINING	Mr. K.Baskar, Senior System Analyst, Ridsys, Pondicherry





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Day 2 12.03.2021	9:30 a.m.- 10:45 a.m.	SESSION I	ARM, architecture version	Mr.J.G.Sabarish, Assistant Professor, Department of Electronics and Communication Engineering, NPRCET.
	10:45 a.m.to 11.00 a.m.	Tea Break		
	11.00 a.m.to 12.30 p.m.	SESSION II	Structure of real time system	Mr.S.Sudhakar Assistant Professor, Department of Electronics and Communication Engineering, NPRCET.
	12.30 p.m. to 1.30 p.m.	Lunch Break		
	1.30 p.m.to 2.45 p.m.	SESSION III	HANDS on TRAINING	Mr.K.Baskar, Senior System Analyst, Ridsys, Pondicherry
	2.45 p.m.to 3.00 p.m.	Tea Break		
	3.00 p.m.to 4.00 p.m.	SESSION IV	HANDS on TRAINING	Mr. K.Baskar, Senior System Analyst, Ridsys, Pondicherry
	4.00 p.m.to 4.30 p.m.	Valedictory		


PROGRAM COORDINATOR


HoD-ECE


IQAC COORDINATOR


PRINCIPAL

Head of the Department **Coordinator - IQAC**
Department of Electronics & Communication Engineering
NPR College of Engineering & Technology
Natham, Dindigul (Dt) - 624 401

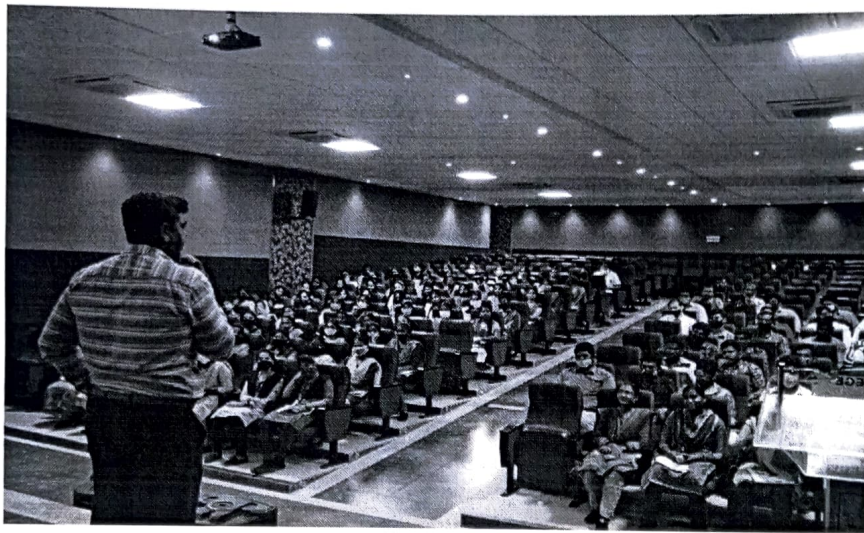
Dr. J. SUNDARARAJAN,
B.E., M.Tech., Ph.D.,
Principal
NPR College of Engineering & Technology
Natham, Dindigul (Dt) - 624 401



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Workshop
on
'RECENT TRENDS IN EMBEDDED TECHNOLOGY'

PHOTOGRAPH



Chief Guest. Mr.K.Baskar, Senior System Analyst, Pondicherry during inaugural session



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Workshop
on
'RECENT TRENDS IN EMBEDDED TECHNOLOGY'


PARTICIPANT FEEDBACK REPORT

I am S. Saravanan working as Assistant Professor in PSNA College of Engg. & Tech., Dindigul. I have attended this 2 days workshop which was very informative. I learnt more new things in this workshop.

The handson training was very useful. The hospitality was also good.

I request you to conduct more workshops like this.




Signature of the Participant
S. SARAVANAN
AP-ECE
PSNACET

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Workshop on 'RECENT TRENDS IN EMBEDDED TECHNOLOGY'

SUMMARY REPORT

Department of Electronics & Communication Engineering organized a workshop on 'Recent Trends in EMBEDDED TECHNOLOGY'. The Inauguration function for the workshop was conducted on 11.03.2021 at 10.00 a.m. in NPRCET Auditorium. Prof.J.Sundararajan, Principal Dr.A.Gopisaminathan, Head of the Department of Electronics & Communication Engineering and the Chief guest Mr.K.Baskar, Senior System Analyst, Ridsys, Pondicherry lighted the lamp and graced the inaugural session.

Mr. J.G.Sabarish, Assistant Professor, Electronics and Communication Engineering, NPR College of Engineering & Technology delivered the welcome address. Dr.A.Gopisaminathan, Head, Electronics and Communication Engineering, NPR College of Engineering & Technology, during his address explained the current scenario of EMBEDDED TECHNOLOGY and its purposes in real time applications. He also proposed the objective of this workshop program in concern to thrust areas of research as well as in relation with academics.

During the workshop Mr.K.Baskar, Senior System Analyst, Ridsys, Pondicherry explained the topics on embedded technology, basics of networking, communication protocols and sensor networks. Totally 42 participants were attended this workshop.

Later Certificates were distributed to the participants. Finally, vote of thanks was proposed by workshop coordinator Dr.S.M.Vijayarajan, .The program came to an end with the National Anthem.


PROGRAM COORDINATOR


HoD-ECE


IQAC COORDINATOR


PRINCIPAL

Head of the Department
Department of Electronics & Communication Engineering
NPR College of Engineering & Technology
Natham, Dindigul (Dt) - 624 401.

Coordinator - IQAC
NPR College of Engineering & Technology
Natham, Dindigul (Dt) - 624 401.



Dr. J.SUNDARARAJAN,
B.E., M.Tech., Ph.D.,
Principal
N.P.R. College of Engineering & Technology
Natham, Dindigul (Dt) - 624 401.



 <p>NPR Reach the Stars</p>	<p align="center">NPR College of Engineering & Technology NPR Nagar, Natham, Dindigul - 624401, Tamil Nadu, India. Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai. An ISO 9001:2015 Certified Institution. Phone No: 04544- 246 500, 246501, 246502. Website : www.nprcolleges.org, www.nprcet.org, Email nprcetprincipal@nprcolleges.org</p>	
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Workshop
on
'RECENT TRENDS IN EMBEDDED TECHNOLOGY'
CERTIFICATE

 <p>NPR Reach the Stars</p>	<p align="center">NPR College of Engineering & Technology NPR Nagar, Natham, Dindigul - 624401, Tamil Nadu, India. (Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai) An ISO 9001:2015 Certified Institution. Phone No: 04544- 246 500, 246501, 246502. Website : www.nprcolleges.org, www.nprcet.org Email nprcetprincipal@nprcolleges.org</p>	
<p align="center">DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING</p> <p align="center"><i>Certificate of Participation</i></p> <p align="center">This is to certify that</p> <p align="center">.....</p> <p align="center">of has attended</p> <p align="center">the workshop on 'Recent Trends in Embedded Technology' held from 11.03.2021 and 12.03.2021.</p>		
<p>Convener</p> <p>Dr.A.GOPISAMINATHAN, HoD-ECE</p>	<p>Principal</p> <p>Dr.J.SUNDARARAJAN</p>	



DEPARTMENT OF MANAGEMENT STUDIES

National level FDP

On

“Personality Development Programme”

INDEX

EVENT: National level FDP on “Personality Development Programme”

ACADEMIC YEAR: 2020 - 2021

SEMESTER: ODD

DURATION: 1 DAY

S.NO	PARTICULARS	PAGE NO
1	PERMISSION LETTER	2
2	COVERING LETTER	6
3	INVITATION	7
4	CIRCULAR	8
5	REGISTRATION FORM	9
6	PHOTOGRAPHY	10
7	SUMMARY REPORT	11
8	CERTIFICATES OF THE PROGRAM	13



From

Dr. B. Valmurgan,
The head of the Department,
Department of management studies,
NPR college of Engineering & Technology,
Natham, Dindigul - 624401.

To

The principal,
NPR college of Engineering & Technology,
Natham Dindigul - 624401.

Respected Sir,

Sub: Requestion for organizing a national
level FDP on "personality Development programme" - Reg.
We the Department of Management Studies
proposed to organize a National level FDP on
"personality Development programme" to the faculties
from our college & other management studies
colleges for 27.03.2021 in virtual mode (google meet). We
expect around 50 staff members from various institut-ions.
We request you to kindly grant permission to
organize the same.



Thanking you
J. SUNDARAGAN,
B.E., M.Tech., Ph.D.,
Principal
NPR College of Engineering & Technology
Natham, Dindigul (Dt) - 624 401.

HOD/MBA

[Signature]
Dr. B. Valmurgan

DEPARTMENT OF MANAGEMENT STUDIES

FUNCTION PERMISSION LETTER

Letter No.		Letter date : 01.03.2021
Sl.No.	PARTICULARS	
1.	Name of the College	NPR College of Engineering & Technology
2.	Department	Department of Management Studies
3.	Title of the Function	National level FDP on "Personality Development Programme"
4.	Function Date	27.03.2021
5.	Function Name	Faculty Development Program
6.	A. Resource Person Name	Mr.K.Balaji Sr.Hr.Manager, Preethi Hospital, Madurai. Dr.C.Kavitha, MBA, PhD Assistant Professor, Sri Meenakshi Govt College, Madurai.
	B. Mode of Transport Receiving	No
	C. Mode of Transport Sending	No
	D. Honouring	No
	i. Memento	No
	ii. Shawl	No
	iii. Bouquet	No
	E. Tiffin / Lunch /Dinner	No
	F. Tea & Snacks	No
7.	Tea & snacks for faculties	No
8.	Invitation & flex Designing	
	A. Printing Invitation Model	Yes
	B. No. of Invitations / Brochures	
	C. Invitation Distribution	
	i. Name list by Post	Yes
	ii.Name list by person	Yes



DEPARTMENT OF MANAGEMENT STUDIES

9.	Reception things requirement	
	A. Table & Table Cloth	No
	B. Tray & Tray Cloth	No
	C. Sandal	No
	D. Kungumam	No
	E. Sweet	No
	F. Paneer Bottle/ Spray	No
10.	Hall & Seating arrangements	Google Meet
	A. No. of Faculties	50 Approximately
	B. No. of Chairs on the stage	No
	C. No. of VIP in front of the stage	No
	i. Prayer Song	Yes
	ii. National Anthem	Yes
	D. Podiums	No
	E. Tea Poy	No
	F. Flower Wash	No
	G. Water Bottle & Glasses	No
11.	Advertisement	No
	A. Photographer time	No
	B. Daily News	No
	C. After the function	No
12.	Feedback form needed	Yes

P. Anthy
PROGRAM COORDINATOR

[Signature]
HOD/MBA
Head of the Department
Department of MBA



[Signature]
PRINCIPAL
Dr. J.SUNDARARAJAN,
B.E., M.Tech., Ph.D.,
Principal
N.P.R. College of Engineering & Technology
Natham, Dindigul (DT) - 624 401.

DEPARTMENT OF MANAGEMENT STUDIES

COVERING LETTER

Date: 01.03.2021

Patron

Dr.J.SundaraRajan,
Principal.

To

The Principal / Dean / Director/HoD,
All Management Departments.

Convener

Dr.B.Velmurugan,
Head of the Department,
Management Studies.

Dear Sir / Madam,

Sub: National level FDP on Personality development programme -
Reg.,

Coordinator

Mrs.P.Geetha, AP/MBA

It gives us immense pleasure to invite you for the one day
National level FDP on Personality Development Programme by
**Department of Management Studies, NPR College of Engineering
& Technology on 27.03.2021.**

Organizing Committee Members

Ms.S .Booma, AP/MBA

Mr.V. Ravindar, AP/MBA


Ms. Eswari, AP/MBA

Ms.R.Rajalakshmi, AP/MBA

The basic objective of holding this programme is to create a
common platform for faculties on "**Personality Development
Programme**". This would also result evolving & sharing innovative
ideas on emerging concepts in finance.

A brochure with registration form has been enclosed
herewith. We warmly welcome staff members of your institution.

Thanking you,


(Dr.B.Velmurugan)
HoD/MBA





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DEPARTMENT OF MANAGEMENT STUDIES

The Management, Principal and Staff
Cordially invite you for the inauguration of
National level FDP
On
“Personality Development Programme”

On 27th March 2021

Venue: Google meet at 10.00 a.m.

Chief Guest

Mr.K.Balaji

Senior HR Manager
Preethi Hospital, Madurai

Dr.C.Kavitha

Assistant Professor
Sri Meenakshi College, Madurai

Dr.J.SundaraRajan

Principal,
NPR College of Engineering & Technology
Felicitate the function



Organized By

Department of Management Studies,
NPR College of Engineering and Technology,
NPR Nagar, Natham

DEPARTMENT OF MANAGEMENT STUDIES

CIRCULAR

Date: 20.03.2021

This is to inform that **Department of Management Studies** is planned to conduct a **National level FDP on “Personality Development Programme”** to the faculties from our college and other colleges in **Google meet** during this year 2020 - 2021. Interested Staff Members may kindly register their name to the Program coordinator

The details of the training program are given below.

EVENT : **National level FDP on “Personality Development Programme”**

Mr.K.Balaji
Sr.Hr.Manager
Preethi Hospital, Madurai.

RESOURCE PERSON'S : **Dr.C.Kavitha**
Assistant Professor
Sri Meenakshi College, Madurai.

VENUE : **Google Meet**

DATE : 27.03.2021

SESSION TIMING : 09:30 A.M to 12:30 P.M (Session - 1)

01:30 P.M To 04:00 P.M (Session - 2)

PROGRAM COORDINATOR : **Mrs.P.Geetha,**
Assistant Professor,
Department of Management studies.

Copy to:

1. Administrative office for information
2. All HODs
3. College Notice Board
4. File



Dr. J.SUNDARARAJAN,
B.E., M.Tech., Ph.D.,
Principal
N.P.R. College of Engineering & Technology
Natham, Dindigul (Dt) - 624 401.

DEPARTMENT OF MANAGEMENT STUDIES

National level FDP

On

“Personality Development Programme”

REGISTRATION FORM

Name	
Gender	
Qualification	
Designation	
Institution	
Address	
Contact No	
Email Id	

SIGNATURE

DEPARTMENT OF MANAGEMENT STUDIES

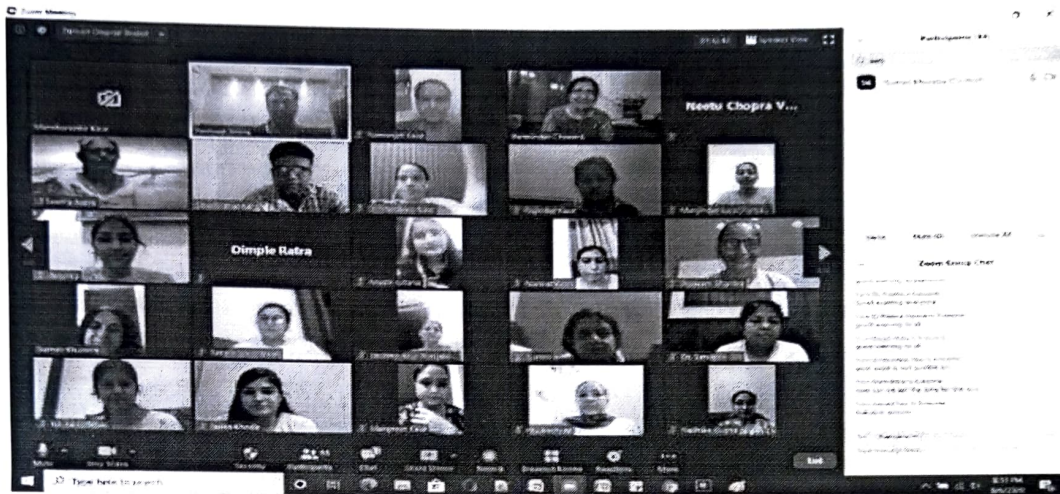
National level FDP

On

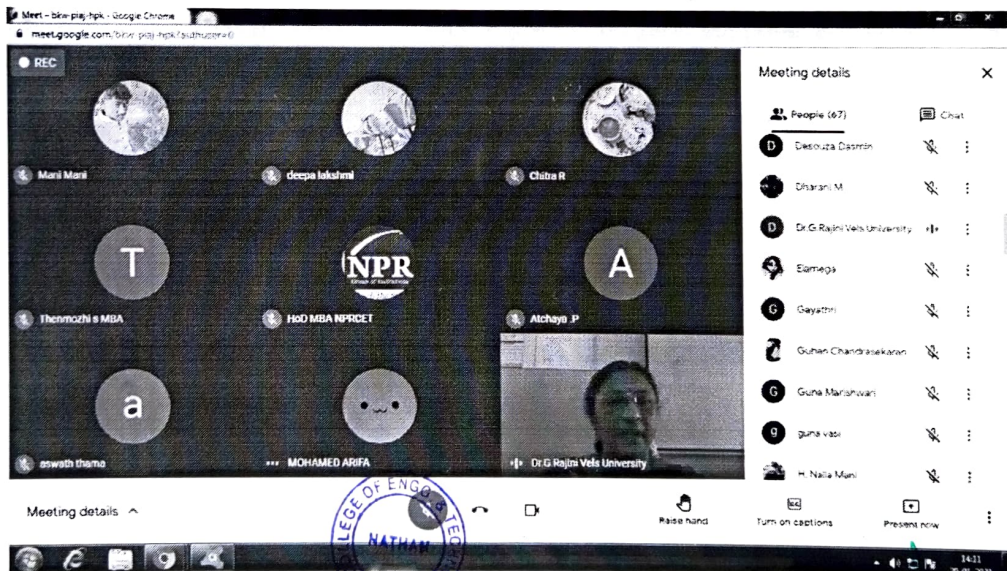
“Personality Development Programme”

PHOTOGRAPH

SESSION I (Screenshot)



SESSION II (Screenshot)



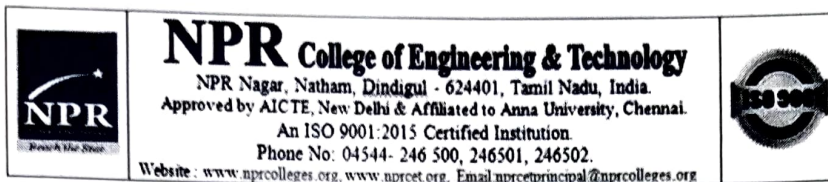
P. Senthil
PROGRAM COORDINATOR

[Signature]
HoD/MBA

[Signature]
PRINCIPAL

Head of the Department
Department of MBA
 NPR College of Engineering & Technology
 Natham, Dindigul (DT) - 624 401

Dr. J.SUNDARARAJAN,
 B.E., M.Tech., Ph.D.,
 Principal
 NPR College of Engineering & Technology
 Natham, Dindigul



DEPARTMENT OF MANAGEMENT STUDIES

National level FDP

On

“Personality Development Programme”

SUMMARY REPORT

One Day National Level FDP on “Personality Development Programme” was organized by **Department of Management studies**, NPR College of engineering and technology, Natham, on 27th March 2021. The main objective of the FDP was to familiarize participants with the emerging ideas and trends on how to develop personality in the 21st century contexts. The FDP started with an inaugural session and was inaugurated by the principal **Dr.J.Sundararajan**, Principal of NPR College of Engineering & Technology delivered the felicitation address. In his address he focused on the important of FDP like personality development and motivated the new academicians to grab this kind of opportunities.

Dr.B.Velmurugan, Head of the Department of Management Studies delivered the welcome address. He explained the necessity, of the FDP as this would create opportunities for faculty members in sharing their expertise and encouraged the team to organize many such programs which will give opportunities for faculties as such a gathering would be a great platform for the faculties to bring out their thoughts and knowledge at their best.

In Session - 1 the first technical session started with “Understanding oneself: personality” by **The Chief Guest Mr.K.Balaji**, Senior Hr manager of **Preethi Hospital, Madurai**. He delivered his speech “Living in the 21st century. He pointed o out how do we learn, live & work in this century. In this session participants interacted themselves in such a way that each participant introduced his/her next person so as to understand one’s personality very briefly.

And the Session - 2, was handled by **Dr.C.Kavitha Assistant Professor, Sri Meenakshi College, Madurai** “Thinking Skills & Critical Pedagogy”. According to her critical thinking includes six categories: Knowledge, Comprehension, Application, Analysis, Synthesis, and Evaluation. She talked about “Communication skills and interpersonal skills” and “Academic language (English) skills”. The speaker mentioned that the crucial parts of communication skills are listening and attention. She discussed understanding own self, transactional analysis and etiquette. “Academic reading: Skills and Strategies” and “Writing for Academic Purposes” along with some activities.

For this National level FDP, 45 Faculty attended and they gave positive feedback about the FDP. To express our gratitude, Mrs.P.Geetha, Assistant Professor, Department of management studies, NPR College of engineering and technology, Natham proposed vote of thanks for vibrant participants

PROGRAM

HOD/MBA

IQAC

PRINCIPAL



Head of the Department
Department of MBA
COORDINATOR
NPR College of Engineering & Technology
Natham, Dindigul (Dt)-624 401.

COORDINATOR - IQAC
NPR College of Engineering & Technology
Natham, Dindigul (Dt)-624 401.

Dr. J.SUNDARARAJAN,
Principal
N.P.R. College of Engineering & Technology
Natham, Dindigul (Dt) - 624 401.



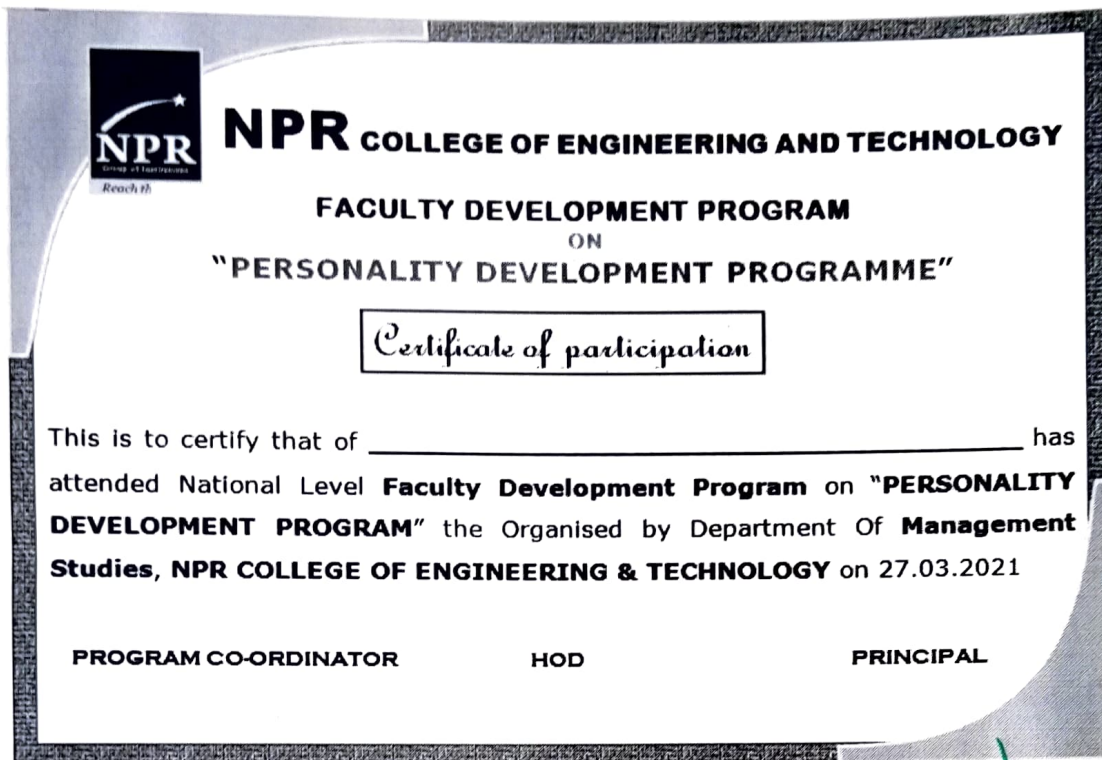
DEPARTMENT OF MANAGEMENT STUDIES

National level FDP

On

"Personality Development Programme"

CERTIFICATE



P. C. Senthil
PROGRAM COORDINATOR

[Signature]
HOD/MBA
Head of the Department **Dr. J. SUNDARARAJAN,**
Department of MBA
NPR College of Engineering & Technology
Natham, Dindigul (DT) - 624 401.

[Signature]
PRINCIPAL



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

FACULTY DEVELOPMENT PROGRAMME

On

“RESEARCH OPPORTUNITIES, CHALLENGES IN POWER ELECTRONICS FOR EV
AND ITS IMPACT ON RENEWABLE ENERGY SYSTEMS”

12th to 16th APRIL 2021


INDEX

ACADEMIC YEAR: 2020-2021


SEMESTER: EVEN

DURATION: 5 DAYS

S.NO.	PARTICULARS	PAGE NO.
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Programme Co-Ordinator


HOD-EEE

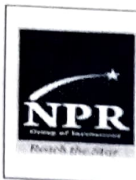

Co-ordinator IQAC


Principal

Head of the Department
Department of Electrical & Electronics Engineering
NPR College of Engineering & Technology
Natham, Dindigul (Dt)-624 401

Principal
NPR College of Engineering & Technology
Natham, Dindigul (Dt) - 624 401





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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

PERMISSION LETTER

DATE:15.03.2021

From

The Head of the Department,
Department of Electrical and Electronics Engineering,
NPR College of Engineering & Technology,
Natham

To

The Principal,
NPR College of Engineering & Technology,
Natham

Respected Sir,

Sub: Requisition for organizing Five days FDP on “RESEARCH OPPORTUNITIES, CHALLENGES IN POWER ELECTRONICS FOR EV AND ITS IMPACT ON RENEWABLE ENERGY SYSTEMS”.

Department of Electrical and Electronics Engineering have proposed to organize five days Faculty Development Programme on “RESEARCH OPPORTUNITIES, CHALLENGES IN POWER ELECTRONICS FOR EV AND ITS IMPACT ON RENEWABLE ENERGY SYSTEMS” for faculties from our college and other colleges from 12.04.2021 to 16.04.2021 in our college premises. For this Programme, We invite **Prof G. Maheswaran** Chennai Institute of Technology, Chennai, and **Prof. A. Murugan**, CVR College of Engineering, Telangana and **Dr V. Sureshkumar**, **Dr.G.Sivashankar** and **Dr.T.Kavitha** from **Thiyagarajar College of Engineering**, Madurai are going to be the resource persons for this FDP. We expect around 50 delegates from various Institutions. We request you to kindly grant permission to organize the FDP.

Thanking you

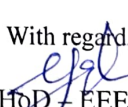
Yours faithfully

HoD-EEE

(Prof.G.Elangovan)

Head of the Department
Department of Electrical & Electronics Engineering
NPR College of Engineering & Technology
Natham, Dindigul (DT) - 624 401.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

COVERING LETTER	
<p>Patron</p> <p>Dr. J. Sundararajan, Principal</p> <p>Convener</p> <p>Prof. G.Elangovan, HOD / EEE</p> <p>Organizing Committee Members</p> <ol style="list-style-type: none"> 1. Mr.S.Sathyamoorthi, AP/EEE 2. Mrs.S. Anitha AP/EEE 3. Ms.K.Tamilselvi, AP/EEE 4. Mr.M.Edwin Lawrance, AP/EEE 5. Mr.T.Sivakumar AP/EEE 	<p style="text-align: right;">Date: 15.03.2021</p> <p>To</p> <p>The Principal / Dean / Director, All Engineering Colleges.</p> <p><i>Dear Sir / Madam,</i></p> <p>Sub: Five days FDP on “RESEARCH OPPORTUNITIES, CHALLENGES IN POWER ELECTRONICS FOR EV AND ITS IMPACT ON RENEWABLE ENERGY SYSTEMS”.– Reg.,</p> <p>We have great pleasure in informing you that the Department of Electrical & Electronics Engineering, NPR College of Engineering & Technology, Natham is organizing Five Day Faculty Development Programme on “RESEARCH OPPORTUNITIES, CHALLENGES IN POWER ELECTRONICS FOR EV AND ITS IMPACT ON RENEWABLE ENERGY SYSTEMS” during 12th April to 16th April 2021.</p> <p>The objective of the Programme is to familiarize and train the academicians and research scholars in these emerging areas. We shall be glad to receive nominations from your institution on or before 05.4.2021</p> <p>Kindly forward the attached brochure to the respective department (EEE). Looking forward to your kind cooperation for the success of the FDP.</p> <p style="text-align: right;">Thanking you</p> <p style="text-align: right;">With regard,  HOD - EEE (Prof. G.Elangovan)</p>



NPR College of Engineering & Technology

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Brochure

REGISTRATION FORM

FACULTY DEVELOPMENT PROGRAMME
On
"RESEARCH OPPORTUNITIES,
CHALLENGES IN POWER ELECTRONICS
FOR EV AND ITS IMPACT ON RENEWABLE
ENERGY SYSTEMS"
12TH TO 16TH APRIL 2020
Registration Form

(To be filled in block letter)

Name

Department

Gender : Male / Female

Designation

Organization

Address for Communication

Phone

Email id

Mode of Payment: DD ☐ CASH ☐

IF DD

DD No: Date:
Name of Bank: Amount: Rs.

(Rs. 800/- Demand Draft should be drawn in favour of "The Principal, NPR College of Engineering & Technology" payable at Natham)

Date:

Signature

ORGANIZING COMMITTEE

Patron

Prof. Dr. J. Sunderarajan,
Principal,
NPR College of Engineering & Technology,
Natham - 624 401.

Convener

Prof. G. Elangovan,
HOD / EEE

Organizing Committee Members

1. Mr. S. Sathyamoorthi, APIEEE
2. Mrs. S. Anitha, AP/EEE
3. Ms. K. Tamilselvi, APIEEE
4. Mr. M. Edwin Lawrence, APIEEE
5. Mr. T. Sivakumar, APIEEE

FACULTY DEVELOPMENT PROGRAMME

On
"RESEARCH OPPORTUNITIES,
CHALLENGES IN POWER ELECTRONICS
FOR EV AND ITS IMPACT ON RENEWABLE
ENERGY SYSTEMS"
12TH TO 16TH APRIL 2021

Organized by
Department of
ELECTRICAL & ELECTRONICS ENGINEERING



NPR COLLEGE OF ENGINEERING & TECHNOLOGY

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Phone : 04544- 246500, 501, 502
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

IMPORTANT DATES

Last date for Receipt of Application: 9/04/2021

Intimation of Selection : 10/04/2021

REGISTRATION FEE DETAIL

Details	Amount
Registration fee	Rs. 500/- (Faculty Members)
Accommodation and Boarding	Rs. 2000/- per day

ABOUT THE LOCATION

NPRCET is situated at Natham which is 27 kms away from Dindigul and 35 kms away from Madurai, Tamil Nadu.

CONFERENCE VENUE

NPRCET SEMINAR HALL

Department of Electrical & Electronics Engineering

NPR College of Engineering & Technology

Natham-624 401

ADDRESS FOR CORRESPONDANCE

Prof.G.Balagovan,

HOD / EEE

NPR College of Engineering & Technology,

Natham-624 401,

TamilNadu, Mobile: 9793244498

Email ID: nprcetee@nprcolleges.org

The Department of Electrical and Electronics Engineering was started in the year 2008. It offers a four year B.E. degree programme in Electrical and Electronics Engineering and Two year PG programme in M.E - Power Electronics and drives.

OBJECTIVE

Scope of the Training Program:

To meet the growing electric energy demand and to reduce the pollution, renewable based power generation and Electric vehicles (EV) technologies are the main thrust area of research in all over the world. Efficient power electronic converters and its control plays an important role in power conversion for EV technology. In addition to this, impacts of EV on grid need to address. The prime objective of this FDP is to familiarize and train the academicians and research scholars in these emerging areas.

RESOURCE PERSONS

1. Prof G. Maheswaran

Department of Electrical Engineering
Chennai Institute of Technology, Chennai

2. Prof. Asw.Munagan

Department of Electrical and Electronics Engineering,
CVR College of Engineering, Telangana

3. Faculties from Jyoti's College of Engineering

ABOUT THE INSTITUTION

At NPR, we believe that given the right push, guidance and infrastructure, every student can reach beyond himself to become a super achiever. That is why, right from reception, this group of institutions has added more and more facilities for excellence to flower not just in education but in all walks of life.

In sports, we offer one of the biggest cricketing teams and coaching among universities. We have dedicated labs for every stream of subject be it in engineering, polytechnic or the arts. NPR takes pride in saying that its computer student ratio is one of the best in India.

Offering the right guidance is another key factor for excellence. We invite some of the best science, technology people to come and give lectures. Each student is empowered with soft skills in presentation and language to become an all-round personality. Continuous guidance is offered at every level of learning. Mostly, we believe discipline itself is a great teacher and we build this in every student. By the time our students leave, they know that they can achieve anything they want and that they can make others believe in that too.

ABOUT THE DEPARTMENT

EEE is the oldest of the engineering streams, and its applications are many. Methodist provides this important course for the undergraduates, and there are many benefits in joining it. EEE covers the topics about both the electrical and electronic subjects. So, these students can get into the jobs in any one of those streams. The number of career prospects for this group is huge, and it is the reason for many people to join this course.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

The Management, Principal and Staff
Cordially invite you for the inauguration of

"FACULTY DEVELOPMENT PROGRAMME"

on

"RESEARCH OPPORTUNITIES, CHALLENGES IN POWER ELECTRONICS FOR EV AND ITS IMPACT ON RENEWABLE ENERGY SYSTEMS"

On 12th April, 2021

Venue: NPRCET SEMINAR HALL

Chief Guest

Dr.G.Maheswaran Ph.D.,

Professor/EEE

Chennai Institute of Technology , Chennai.

Prof. Dr.J.Sundararajan

Principal,

NPR College of Engineering & Technology

Felicitates the function

Organized By

*Department of ELECTRICAL & ELECTRONICS Engineering,
 NPR College of Engineering & Technology,
 NPR Nagar, Natham.*

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

FDP

on

"RESEARCH OPPORTUNITIES, CHALLENGES IN POWER ELECTRONICS FOR EV AND ITS IMPACT ON RENEWABLE ENERGY SYSTEMS"

AGENDA

9.00 AM	Registration
9.15 AM	Inviting Dignitaries of the dais
9.20 AM	Presentation of Saplings to the Dignitaries
9.25 AM	Lighting of the Lamp by the Guests
9.30 AM	Invocation
9.35 AM	Welcome Address
9.40 AM	Address by Chief Guests
9.50 AM	Vote of Thanks
9.55 AM	National Anthem

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

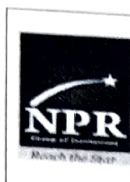
“RESEARCH OPPORTUNITIES, CHALLENGES IN POWER ELECTRONICS FOR EV AND ITS IMPACT ON RENEWABLE ENERGY SYSTEMS”

Programme Schedule

Venue: NPRCET SEMINAR HALL

Date: 12.04.2021

External Resource Persons	Internal Resource Persons
<ol style="list-style-type: none"> 1. Prof G. Maheswaran Department of Electrical Engineering, Chennai Institute of Technology. Chennai 2. Prof. A.S. Murugan Department of Electrical Engineering CVR College of Engineering, Telangana 3. Dr.V.Sureshkumar Department of Electrical Engineering, Thiagarajar College of Engineering Madurai. 4. Dr. G.Sivashankar Department of Electrical Engineering, Thiagarajar College of Engineering Madurai 5. Dr.T.Kavitha Department of Electrical Engineering, Thiagarajar College of Engineering Madurai 	<ol style="list-style-type: none"> 6. Mr.S.Sathyamoorthi, AP/EEE 7. Mrs.Anitha AP/EEE 8. Ms.K.Tamilselvi, AP/EEE 9. Mr.M.Edwin Lawrance, AP/EEE 10. Mr.T.Sivakumar AP/EEE



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

PROGRAMME SCHEDULE				
DATE	TIME	SESSION	TOPIC	RESOURCE PERSON
Day 1 12.04.2021	9:00 a.m.	Registration		
	9:30 a.m. to 10:00 a.m.	Inauguration		
	10:00 a.m. to 11:10 a.m.	SESSION I	The state of the art of electric, hybrid, and fuel cell vehicle	Prof G. Maheswaran Department of Electrical Engineering, Chennai Institute of Technology, Chennai
	11:10 a.m. to 11:30 a.m.	Tea Break		
	11:30 a.m. to 12:30 p.m.	SESSION II	Modern electric vehicle technology	Prof G. Maheswaran Department of Electrical Engineering, Chennai Institute of Technology, Chennai
	12:30 p.m. to 01:30 p.m.	Lunch Break		
	01:30 p.m. to 02:45 p.m.	SESSION III	Review on the state-of-the-art technologies of electric vehicle, its impacts and prospects	Prof G. Maheswaran Department of Electrical Engineering, Chennai Institute of Technology, Chennai
	02:45 p.m. to 03:00 p.m.	Tea Break		
	03:00 p.m. to 04:00 p.m.	SESSION IV	Renewable and Sustainable Energy Reviews	Mr.S.Sathyamoorthi, Assistant Professor, Department of EEE, NPRCET.
Day 2 13.04.2021	9:30 a.m. - 10:45 a.m.	SESSION I	Utilization of Wideband gap devices for a high power density On-board Battery Charger	Prof. A.S. Murugan Department of EEE, CVR College of Engineering, Telangana
	10:45 a.m. to 11:00 a.m.	Tea Break		
	11:00 a.m. to 12:30 p.m.	SESSION	Power electronic interface	Prof. ASS.Murugan





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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

		II	for vehicular electrification	Department of EEE, CVR College of Engineering, Telangana
	12.30 p.m. to 1.30 p.m.	Lunch Break		
	1.30 p.m. to 2.45 p.m.	SESSION III	Hybrid electric, and plug-in hybrid electric vehicles	Prof. A.S. Murugan Department of EEE, CVR College of Engineering, Telangana
	2.45 p.m. to 3.00 p.m.	Tea Break		
	3.00 p.m. to 4.00 p.m.	SESSION IV	Power electronics and motor drives applications in EV	Mr.T.Sivakumar, Assistant Professor, Department of EEE, NPRCET.
Day 3 14.04.2021	9:30 a.m. - 10:45 a.m.	SESSION I	Role of high power semiconductor devices in hybrid electric vehicles	.Dr.V.Sureshkumar Department of Electrical Engineering, Thiagarajar College of Engineering, Madurai.
	10:45 a.m. to 11.00 a.m.	Tea Break		
	11.00 a.m. to 12.30 p.m.	SESSION II	Role of high power semiconductor devices in hybrid electric vehicles	.DrV.Sureshkumar Department of Electrical Engineering, Thiagarajar College of Engineering, Madurai.
	12.30 p.m. to 1.30 p.m.	Lunch Break		
	1.30 p.m. to 2.45 p.m.	SESSION III	Research opportunities in hybrid electric vehicles	.Dr. V.Sureshkumar Department of Electrical Engineering, Thiagarajar College of Engineering, Madurai.
	2.45 p.m. to 3.00 p.m.	Tea Break		
	3.00 p.m. to 4.00 p.m.	SESSION IV	Electric vehicle technology-a worldwide perspective	Mrs.Anitha AP/EEE Assistant Professor, Department of EEE, NPRCET.
	9:30 a.m. - 10:45 a.m.	SESSION I	Operation Modes for the	Dr. G.Sivashankar



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Day 4 15.04.2021			Electric Vehicle in Smart Grids	Department of Electrical Engineering, Thiagarajar College of Engineering, Madurai.
	10:45 a.m. to 11.00 a.m.	o	Tea Break	
	11.00 a.m. to 12.30 p.m.	SESSION II	Operation Modes for the Electric Vehicle in Smart Homes	Dr. G.Sivashankar Department of Electrical Engineering, Thiagarajar College of Engineering, Madurai.
	12.30 p.m. to 1.30 p.m.	o	Lunch Break	
	1.30 p.m. to 2.45 p.m.	SESSION III	Reconfigurable Battery Charger for Electric Vehicles	Dr. G.Sivashankar Department of Electrical Engineering, Thiagarajar College of Engineering, Madurai
	2.45 p.m. to 3.00 p.m.	<i>Tea Break</i>		
	3.00 p.m. to 4.00 p.m.	SESSION IV	Modular converter architecture for medium voltage ultra fast EV charging stations:	Mr.S.Sathyamoorthi, Assistant Professor, Department of EEE, NPRCET.
Day 5 16.04.2021	9:30 a.m. - 10:45 a.m.	SESSION I	Power Electronics and Motor Drives in Electric, Vehicles	Dr T.Kavitha Department of Electrical Engineering, Thiagarajar College of Engineering, Madurai.
	10:45 a.m. to 11.00 a.m.	o	Tea Break	
	11.00 a.m. to 12.30 p.m.	SESSION II	Power Electronics and Motor Drives in Hybrid Electric Vehicles	Dr. T. Kavitha Department of Electrical Engineering, Thiagarajar College of Engineering, Madurai.





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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

12.30 p.m. to 1.30 p.m.	o	Lunch Break	
1.30 p.m. to 2.45 p.m.	SESSION III	Power Electronics and Motor Drives in Plug-In Hybrid Electric Vehicles	Dr T. Kavitha Department of Electrical Engineering, Thiagarajar College of Engineering, Madurai
2.45 p.m. to 3.00 p.m.		Tea Break	
3.00 p.m. to 4.00 p.m.	SESSION IV	Hybrid Electric Vehicles controllers	Mr. T.Sivakumar AP/EEE, Assistant Professor, Department of EEE, NPRCET.
4.00 p.m. to 4.30 p.m.		Valedictory	



Programme Co-ordinator



HoD-EEE



IQAC Co-ordinator



Principal

Head of the Department - Coordinator - IQAC
Department of Electrical & Electronics Engineering
NPR College of Engineering & Technology, Natham, Dindigul (Dt)-624 401
Natham, Dindigul (Dt) - 624 401.



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

FACULTY DEVELOPMENT PROGRAMME

on

**“RESEARCH OPPORTUNITIES, CHALLENGES IN POWER ELECTRONICS FOR EV
AND ITS IMPACT ON RENEWABLE ENERGY SYSTEMS”**



Inaugural Function

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

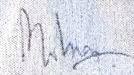
FACULTY DEVELOPMENT PROGRAMME

on

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AND ITS IMPACT ON RENEWABLE ENERGY SYSTEMS”**

PARTICIPANTS FEEDBACK REPORT

I attended the faculty development programme on research opportunities, which actually was more informative also laid the foundation to start my research work. The hospitality at NPR EEE college was very good. I enjoyed the program thanks to coordinators and department faculty for their support & cooperations.


 (N. Mahalingam) AP/EEE
 Selamalai College of Engg & T.
 Madurai
 13

FEEDBACK SUMMARY

1. 96% of the participants felt that the delivery and presentation of the resource persons was good. Interdisciplinary participants made sessions interesting.
2. 90% of the participants were of the opinion that the FDP brought practical knowledge of the subject in them.
3. 93% of the participants felt that the FDP was coordinated very well.
4. Fear of electrical vehicle was minimized.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

FACULTY DEVELOPMENT PROGRAMME

on “RESEARCH OPPORTUNITIES, CHALLENGES IN POWER ELECTRONICS FOR EV AND ITS IMPACT ON RENEWABLE ENERGY SYSTEMS”

SUMMARY REPORT

Our FDP Session began with inauguration at 09:30 a.m on 12/04/2021 and the venue was NPRCET seminar hall, Department of EEE, NPR College of Engineering & Technology. Dignitaries of the Programme were Prof. Dr. J.Sundararajan, Principal, NPR College of Engineering & Technology and Prof. G .Maheswaran, Chennai Institute of Technology Chennai who has graced the inaugural session by lighting of the lamp.


Mr.T.Sivakumar, Assistant Professor-EEE, NPR College of Engineering and Technology addressed the gathering by welcoming guests and all the participants who came from various institutions.

Prof. G.Elangovan, Head of Electrical and Electronics Engineering deparment, NPRCET enlightened the audience by briefing about the opportunities, challenges in power electronics for EV and its impact on renewable energy systems.

Our Principal Prof. Dr.J.Sundararajan, congratulated all the participants and the organizing team.

Chief Guest of the day Dr.G.Maheswaran, gave a primary motivation to all the participants, before the session started.

The Programme was concluded by a valedictory function. The dignitaries who graced the occasion were Prof. Dr.J.Sundararajan, Prof. G.Elangovan, and the chief guest Dr. T. Kavitha Professor, Thiagarajar College of Engineering, Madurai. The Programme was started by Head of EEE department, Prof. G.Elangovan, who addressed the gathering by congratulating all the participants for attending the FDP. Later, Certificates were distributed to the 42 participants of various Institutions by Prof. G.Elangovan, followed by the feedback of the participants. Finally, vote of thanks was proposed by Mrs.S. Anitha, AP/EEE.


 Programme Co-ordinator



 HoD-EEE


 IQAC Co-ordinator


 Principal

Head of the Department
 Department of Electrical & Electronics Engineering
 NPR College of Engineering & Technology
 Natham, Dindigul (DT) - 624 401.

Coordinator - IQAC


Principal
 NPR College of Engineering & Technology
 Natham, Dindigul (Dt) - 624 401.

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FACULTY DEVELOPMENT PROGRAMME

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AND ITS IMPACT ON RENEWABLE ENERGY SYSTEMS”**

CERTIFICATE

	NPR COLLEGE OF ENGINEERING & TECHNOLOGY NPR Nagar, Natham, Dindigul - 624401, Tamil Nadu, India. Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai. Phone No: 04544-246500, 246501, 246502. Website: www.nprcolleges.org , www.nprcet.org , Email: nprcetprincipal@nprcolleges.org	
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING		
<i>Certificate</i>		
This is to certify that Dr/Mr/Mrs/Ms.....		
..... has attended		
Faculty Development Programme on “Research opportunities, challenges in power electronics for ev and its impact on renewable energy systems” from 12.04.2021 to 16.04.2021		
CO-ORDINATOR	HOD/FEE	PRINCIPAL

INTERNAL QUALITY ASSURANCE CELL

Three Days Faculty Development Programme

on

“SKILL ENHANCEMENT”

INDEX

EVENT: Three Days FDP on “SKILL ENHANCEMENT”

ACADEMIC YEAR: 2020 - 2021

SEMESTER:

DURATION: 3 Days

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N. J. Jeyaraj
 Program Co-Ordinator

[N. J. Jeyaraj]
 AP/Civil

W. J. Jeyaraj
 IQAC Co-ordinator

W. J. Jeyaraj
 Coordinator - IQAC
 NPR College of Engineering & Technology
 Natham, Dindigul (Dt)-624 401.



[Signature]
 Principal

Dr. J. SUNDARARAJAN,
 B.E., M.Tech., Ph.D.,
 Principal
 N.P.R. College of Engineering & Technology
 Natham, Dindigul (Dt) - 624 401.

**INTERNAL QUALITY ASSURANCE CELL
PERMISSION LETTER**

DATE: 01.04.2021

From

Mr. K. Aruna Senthil Kumar
Co-ordinator IQAC
NPR College of Engineering & Technology,
Natham-624401.

To

The Principal,
NPR College of Engineering & Technology,
Natham-624401.

Respected Sir,

Sub: Requisition to organize Three Days FDP on "SKILL ENHANCEMENT"- Reg.

It is proposed to organize Three Days Faculty Development Programme on 'SKILL ENHANCEMENT' to the faculties of our college and other colleges from 15.04.2021 to 17.04.2021 in our college premises. The resource person is Mr. D.Shanmuga Sundaram, Chairman and Advisor, Phoenix Training Academy, Erode

We request you to kindly grant permission to organize the same.

Thanking you

Yours faithfully,



Mr. K. Aruna Senthil Kumar

Coordinator - IQAC
NPR College of Engineering & Technology
Natham, Dindigul (Dt)-624 401



CIRCULAR

NPRCET/OFF/IQAC/FDP/2020-2021

DATE: 06.04.2021

Internal Quality Assurance Cell of our institution organizes Three **Days Faculty development programme on "SKILL ENHANCEMENT PROGRAMME"** in our college A/C Auditorium from 15.04.2021 to 17.04.2021

The details of the training Programme are given below.

RESOURCE PERSON'S : Mr. D.Shanmuga Sundaram, Chairman and Advisor,
Phoenix Training Academy,Erode

VENUE : NPRCET A/C Auditorium

DATE : 15.04.2021 to 17.04.2021

SESSION TIMING : 09:30 a.m. to 12:30 p.m.

(for all days) 01:00 p.m..to 04:00 p.m..





NPR College of Engineering & Technology

NPR Nagar, Natham, Dindigul - 624401, Tamil Nadu, India.
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Website : www.nprcolleges.org, www.nprcet.org, Email: nprcetprincipal@nprcolleges.org



FUNCTION PERMISSION LETTER

Letter date : 01.04.2021

S.No.	PARTICULARS	
1.	Name of the College	NPR College of Engineering & Technology
2.	Department	IQAC
3.	Title of the Function	Three Days FDP on "SKILL ENHANCEMENT PROGRAMME"
4.	Function Date	15.04.2021 to 17.04.2021
5.	Function Name	Faculty Development Programme. (FDP)
6.	A. Resource Person Name	1. Mr. D.Shanmuga Sundaram, Chairman and Advisor, Phoenix Training Academy center, Erode
	B. Mode of Transport Receiving	Car
	C. Mode of Transport Sending	Car
	D. Honoring	
	i. Memento	Yes
	ii. Shawl	1 No.
	iii. Bouquet	No
	E. Tiffin / Lunch /Dinner	Yes (2 Nos. – Non Vegetarian)
	F. Tea & Snacks	Yes (2 Nos.)
7.	Tea & Snacks for Staffs	Yes
8.	Invitation & Flex Designing	
	A. Printing Invitation Model	Yes
	B. No. of Invitations / Brochures	
	C. Invitation Distribution	
	i. Name list by Post	Yes



	ii. Name list by person	No
9.	Reception things requirement	
	A. Table & Table Cloth	Yes
	B. Tray & Tray Cloth	Yes
	C. Sandal	Yes
	D. Kungumam	Yes
	E. Sweet	Yes
	F. Paneer Bottle/ Spray	Yes
10.	Hall & Seating arrangements	NPRCET A/C Auditorium
	A. No. of Staff	Approximately
	B. No. of Chairs on the stage	3
	C. No. of VIP in front of the stage	No
	i. Prayer Song	Yes
	ii. National Anthem	Yes
	D. Podiums	Yes
	E. Tea Poy	Yes
	F. Flower Wash	Yes
	G. Water Bottle & Glasses	Yes
11.	Advertisement	
	A. Photographer time	09.30 a.m.
	B. Daily News	Yes
	C. After the function	Yes
12.	Feedback form needed	Yes



INTERNAL QUALITY ASSURANCE CELL

COVERING LETTER

Chief Patron

Date: 04.04.2021

Mr. M.Sivakumar,
Chief Administrative Officer, NPRGI

To
The Principal / Dean / Director,
All Engineering Colleges.

Patron

Dr. J. Sundararajan,
Principal

Dear Sir / Madam,

Sub: Three Days Faculty Development Programme on "SKILL ENHANCEMENT"- Reg.

Convener

Mr.K. Aruna Senthil kumar
AP/Mech.

We have great pleasure in informing you that NPR College of Engineering & Technology, Natham is organizing Three Days Faculty Development Programme on "SKILL ENHANCEMENT PROGRAMME" From 15.04.2021 to 17.04.2021.

Program Co-Ordinator

Mr. N.Karthic, AP/Civil

The objective of this FDP is to enrich the knowledge of every faculty members and also to improve their teaching ability skill for the development of institutions. Please find the details of the above FDP in the enclosed brochure. We request you to sponsor faculty members from your esteemed institution/organization for this Three Days Faculty Development Programme. We shall be glad to receive nominations from your Institution on or before 13.04.21

Organizing Committee Members

Dr. A.Hemalatha, HoD/Civil.

Dr. A.Gopi Saminathan, HoD/EEE

Mr. G.Elangovan, HoD/CSE.

Mr. N.Karthic, AP/Civil

Kindly forward the attached brochure to all the departments. Looking forward to your kind cooperation for the success of the FDP.

Thanking you,

With regards,



(Mr.K. Aruna Senthil kumar)

IQAC Co-ordinator
Coordinator - IQAC

NPR College of Engineering & Technology
Natham, Dindigul (Dt)-624 401





NPR College of Engineering & Technology

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INTERNAL QUALITY ASSURANCE CELL

BROCHURE

REGISTRATION FORM

Three Days Faculty Development Programme on "SKILL ENHANCEMENT"

15th April to 17th April 2021
Registration Form

(To be filled in block letter)

Name : _____

Department: _____

Gender : Male / Female

Designation: _____

Organization: _____

Address for Communication: _____

Phone: _____

Email id : _____

Date: _____

Signature

ORGANIZING COMMITTEE

Chief Patron
Mr.M.Siva Kumar
Chief Administrative Officer
Natham - 624 401.

Patron
Prof. Dr. J.Sundararajan
Principal,
NPR College of Engineering & Technology,
Natham - 624 401.

Convener
Mr.K. ArunaSenthilkumar
AP/Mech.

Co-ordinator
Mr. N.Karthic, AP/Civil

Organizing Committee Members

1. Dr. A.Hemalatha, HoD/Civil,
2. Dr. A.Gopi Saminathan, HoD/EEE
3. Mr. G.Elangovan, HoD/CSE.
4. Mr. N.Karthic, AP/Civil

Three Days Faculty Development Programme

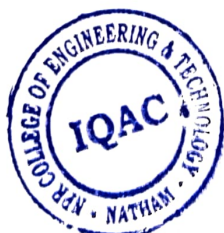
on
"SKILL ENHANCEMENT"
15th April to 17th April 2021

Organized by
INTERNAL QUALITY ASSURANCE CELL



NPR COLLEGE OF ENGINEERING
&
TECHNOLOGY
(An ISO 9001:2015 Certified Institution)
Natham - 624 401.

Phone : 04544 246500, 501, 502
Fax : 04544 246511
E-mail : nprcetcse@nprcolleges.org





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INTERNAL QUALITY ASSURANCE CELL

BROCHURE

ABOUT THE INSTITUTION

Our College offers top class education in Engineering & Business Administration at UG, PG. It has well qualified staff, state of the art laboratories and all facilities. NPRCET has been created with an exalted aim of bringing students especially from the rural areas into the fields of Engineering and Technology.

The NPR College of Engineering and Technology was established in the year 2008 with a basic goal to impart quality, discipline and education. The campus is spread over 100 acres of lush green environment with lots of green cover and pristine surroundings. We ensure that our institute can provide suitable industry engagement and career opportunities for students.

The NPR College of Engineering and Technology entered into e-revolution by making the entire campus Wi-Fi with 100 Mbps Internet facilities. The campus also holds the distinction by having a world class cricketing turf, the first of its kind in south Tamil Nadu. It is our pleasure to highlight that our college is the remote centre for IIT Kharagpur, centre of excellence with HCL for placement training & MoU with Electronics Corporation of India, UTL Tech Bangalore, CISCO, Tech Mahindra, Tekbos India Pvt Ltd, Chennai, Sardar Motor, Earth Institute.

SIGNIFICANCE IN SKILL ENHANCEMENT

It is the ability to do something well. A well-developed skill can make us master in a particular field, and it can be learned too. Learning new skills helps in your professional life a lot. It helps you to achieve your goals, gives confidence, and gives you motivation for working too. Personal Development: Skill development enhances the proficiency of a person in any particular area. Skill enhances to build the professional network, better communication, time management and negotiation skills. Skills are something that can be acquired by learning.

ABOUT THE FDP

The objective of this FDP is to enrich the knowledge of every faculty members and also to improve their teaching ability skill for the development of Institutions

TOPIC TO BE COVERED

- Critical Thinking and Problem Solving skills
- Leadership Skills
- Interpersonal Skills
- Communication Skills
- Adaptability Skill
- Time Management and Organization Skills

RESOURCE PERSONS

External Resource Person:

I.Mr. D.Shanmuga Sundaram, Chairman and Advisor, Phoenix Training Academy, Erode

Internal Resource Persons:

1. Dr. A.Hemalatha, HoD/Civil.
2. Dr. A.Gopi Saminathan, HoD/EEE
3. Mr. G.Elangovan, HoD/CSE.
4. Mr. N.Karthic, AP/Civil

IMPORTANT DATES

Confirmation of Registration: 12.04.2021

Last Date for Registration : 13.04.2021

BOARDING AND LODGING

Boarding and lodging will be provided to the participants in the college campus with prior request.

REGISTRATION FEE DETAILS

Spot Registration by paying Cash (Or) Rs.500/- Demand Draft should be drawn in favour of "NPR College of Engineering & Technology" payable at Natham. Registration Kit, Lunch, Tea, Snacks and Certificate will provide to all the participants.

ABOUT THE LOCATION

NPRCET is situated at Natham which is 27 kms away from Dindigul and 35 kms away from Madurai, Tamil Nadu.

FDP VENUE

NPRCET A/C Auditorium

NPR College of Engineering and Technology
Natham-624 401

ADDRESS FOR CORRESPONDANCE

IQAC Co-ordinator

Mr.K. Aruna Senthil kumar

AP/Mech.

NPR College of Engineering and Technology,
Natham - 624 401.

TamilNadu.

Mobile: 9994034593.

Email ID: nprcetiqaac@nprcolleges.org

Website: www.nprcolleges.org





NPR College of Engineering & Technology

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The Management, Principal and Staff
Cordially invite you for the inauguration of

‘Three Days Faculty Development Programme’
on
“SKILL ENHANCEMENT”

From 15.04.2021 to 17.04.2021

Venue: NPRCET A/C Auditorium at 9.30 a.m.

Chief Guest

Mr. D.Shanmuga Sundaram,
Chairman and Advisor, Phoenix Training Academy
Salem

Dr. J. Sundararajan,
Principal,
NPR College of Engineering & Technology
felicitates the function

Organized By
INTERNAL QUALITY ASSURANCE CELL
NPR College of Engineering & Technology,
NPR Nagar, Natham.



 <p>NPR Reach the Stars</p>	<p>NPR College of Engineering & Technology NPR Nagar, Natham, Dindigul - 624401, Tamil Nadu, India. Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai. An ISO 9001:2015 Certified Institution. Phone No: 04544- 246 500, 246501, 246502. Website : www.nprcolleges.org, www.nprcet.org, Email nprcetprincipal@nprcolleges.org</p>	
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INTERNAL QUALITY ASSURANCE CELL
Three Days Faculty Development Programme
on
“SKILL ENHANCEMENT”

Course Content:

- Critical Thinking and Problem Solving skills
- Leadership Skills
- Interpersonal Skills
- Communication Skills
- Adaptability Skill
- Time Management and Organization Skills



INTERNAL QUALITY ASSURANCE CELL Three Days Faculty Development Programme

on “SKILL ENHANCEMENT” PROGRAMME SCHEDULE

Venue: NPRCET A/C Auditorium

Date: 10.04.2021

External Resource Person: 1.Mr. D.Shanmuga Sundaram, Chairman and Advisor, Phoenix Training Academy, Erode	Internal Resource Persons: 1. Dr. A.Hemalatha, HoD/Civil. 2. Dr. A.Gopi Saminathan, HoD/EEE 3. Mr. G.Elangovan, HoD/CSE. 4. Mr. N.Karthic, AP/Civil
--	--

PROGRAMME SCHEDULE				
DATE	TIME	SESSION	TOPIC	RESOURCE PERSON
Day 1 14.04.2021	9:00 A.M		Registration	
	9:30 a.m. to 10:00 a.m.		Inauguration	
	10:00 a.m. to 11:10 a.m.	SESSION I	Critical Thinking and Problem Solving	Mr. D.Shanmuga Sundaram, Chairman and Advisor, Phoenix Academy and training center,Erode
	11:10 a.m. to 11:30 a.m.		Tea Break	
	11:30 a.m. to 12:30 p.m.	SESSION II	Critical Thinking and Problem Solving	Mr. D.Shanmuga Sundaram, Chairman and Advisor, Phoenix Academy and training center,Erode
	12:30 p.m. to 01: 30 p.m.		Lunch Break	
	01:30 p.m. to 02: 45 p.m.	SESSION III	Leadership Skills	Dr.A.Hemalatha, HoD/Civil.
	02:45 p.m. to 03: 00 p.m.		Tea Break	
	03:00 p.m. to 04: 00 p.m.	SESSION IV	Leadership Skills	Dr.A.Hemalatha, HoD/Civil.
Day 2 15.04.2021	9:30 a.m. - 10:45 a.m.	SESSION I	Interpersonal Skills	Mr. D.Shanmuga Sundaram, Chairman and Advisor, Phoenix Academy and training center,Erode



	11.00 a.m. to 12.30 p.m.	SESSION II	Interpersonal Skills	Mr. D.Shanmuga Sundaram, Chairman and Advisor, Phoenix Academy and training center, Erode.
	12.30 p.m. to 1.30 p.m.	Lunch Break		
	1.30 p.m. to 2.45 p.m.	SESSION III	Communication Skills	Dr. A.Gopi Saminathan, HoD/EEE
	2.45 p.m. to 3.00 p.m.	Tea Break		
	3.00 p.m. to 4.00 p.m.	SESSION IV	Communication Skills	Dr. A.Gopi Saminathan, HoD/EEE
Day 3 16.04.2021	9:30 a.m. - 10:45 a.m.	SESSION I	Adaptability Skill	Mr. D.Shanmuga Sundaram, Chairman and Advisor, Phoenix Academy and training center, Erode.
	10:45 a.m. to 11.00 a.m.	Tea Break		
	11.00 a.m. to 12.30 p.m.	SESSION II	Adaptability Skill	Mr. D.Shanmuga Sundaram, Chairman and Advisor, Phoenix Academy and training center, Erode.
	12.30 p.m. to 1.30 p.m.	Lunch Break		
	1.30 p.m. to 2.45 p.m.	SESSION III	Time Management Skill	Mr. G.Elangovan, HoD/CSE.
	2.45 p.m. to 3.00 p.m.	Tea Break		
	3.00 p.m. to 4.00 p.m.	SESSION IV	Adaptability Skill	Mr. N.Karthic, AP/Civil
	4.00 p.m. to 4.30 p.m.	Valedictory		

N. 
Programme Co-ordinator

[N. Karthic
AP/Civil]




IQAC Co-ordinator

Coordinator - IQAC
NPR College of Engineering & Technology
Natham, Dindigul (Dt)-624 401



NPR College of Engineering & Technology

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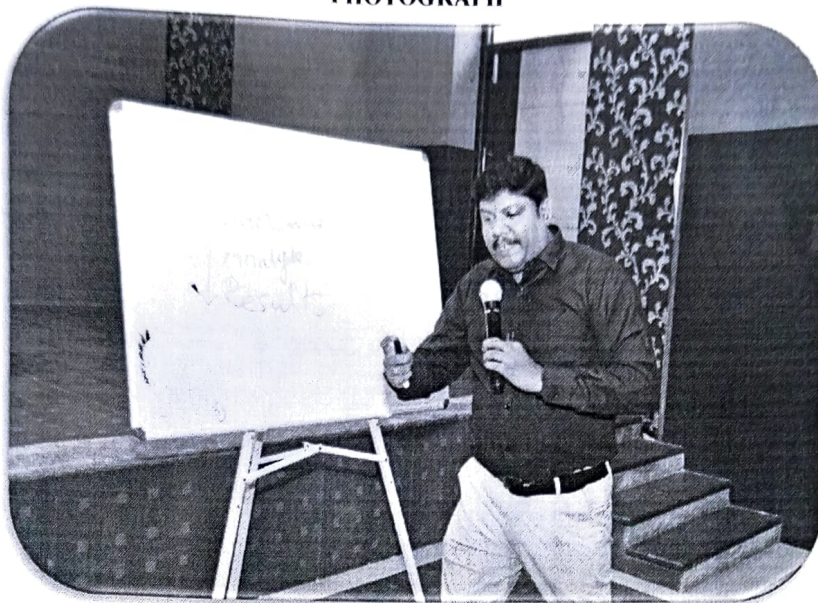
INTERNAL QUALITY ASSURANCE CELL

Three Days Faculty Development Programme

on

“SKILL ENHANCEMENT”

PHOTOGRAPH



Our Guest Mr. D. Shanmuga Sundaram, Chairman and Advisor, Phoenix Training Academy, Erode
Explaining the session of Critical Thinking and Problem Solving



Interactive session of IQAC Coordinator with Mr. D. Shanmuga Sundaram.





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INTERNAL QUALITY ASSURANCE CELL Three Days Faculty Development Programme on “SKILL ENHANCEMENT”

STAFF FEEDBACK

Name of the Staff :	Designation / Dept:
Name of the Event: “SKILL ENHANCEMENT”	

CONTENT	EXCELLENT	GOOD	SATISFACTORY
COURSE CONTENT			
TECHNICAL SKILL			
INTERACTION			
PRACTICAL SESSION			
COMMUNICATION			

Any Other Comments / Suggestions:

--





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INTERNAL QUALITY ASSURANCE CELL
Three Days Faculty Development Programme
on
“SKILL ENHANCEMENT”
PARTICIPANT REPORT



Participant's Signature


INTERNAL QUALITY ASSURANCE CELL
Three Days Faculty Development Programme
on
“SKILL ENHANCEMENT”
SUMMARY REPORT

The Internal Quality Assurance Cell (IQAC) of our institution conducted Three Days Faculty Development Programme (FDP) on the topic ‘SKILL ENHANCEMENT’ for the faculties from 15.04.2021 to 17.04.2021 in our campus. On 15.04.2021 the inauguration function for the FDP was started at 9.30 a.m. in the NPRCET A/C Auditorium. Dignitaries of the function were Dr. J. Sundararajan, Principal, Mr .K. Aruna Senthil Kumar, IQAC Co-ordinator and Mr. D.Shanmuga Sundaram, Chairman and Advisor, Phoenix Academy and training center, Erode.

Mr.K.Aruna Senthil Kumar, IQAC Co-ordinator delivered the welcome address. Mr.S.Paulsingarayar, Head of the department of Mechanical Engineering, during her address elucidated the importance of Teaching skills and its benefits . Moreover, he explained the significance of this FDP on the specified topic. Principal Dr. J. Sundararajan, during his felicitation address congratulated the participants and appreciated the organizing team for the arrangements. Chief Guest of the day, Mr. D.Shanmuga Sundaram, Chairman and Advisor, Phoenix Academy and training center, Erode gave a primary motivation and emphasized the ability of the skills in detail.


After the session, the participants interacted with the resource person Mr. D.Shanmuga Sundaram, followed by the feedback session. On 17.04.2021, during the valedictory function D.Shanmuga Sundaram, Chairman and Advisor, Phoenix Training Academy, Erode graced the function with our Principal Dr. J. Sundararajan and Convener Mr.S.Paulsingarayar, who appreciated the efforts taken by the participants to attend this Three Days FDP and congratulated them. Later certificates were distributed to 109 participants from various institutions.

Finally Mr.N.Karthic, AP/Civil, delivered the vote of thanks.


Program Co-Ordinator
[N. Karthic]
 AP/Civil




IQAC Co-ordinator
Coordinator - IQAC
NPR College of Engineering & Technology
Natham, Dindigul (Dt)-624 401


Principal
Dr. J.SUNDARARAJAN
B.E., M.Tech., Ph.D.
Principal
N.P.R. College of Engineering & Techno-
Natham, Dindigul (Dt) - 624 401.



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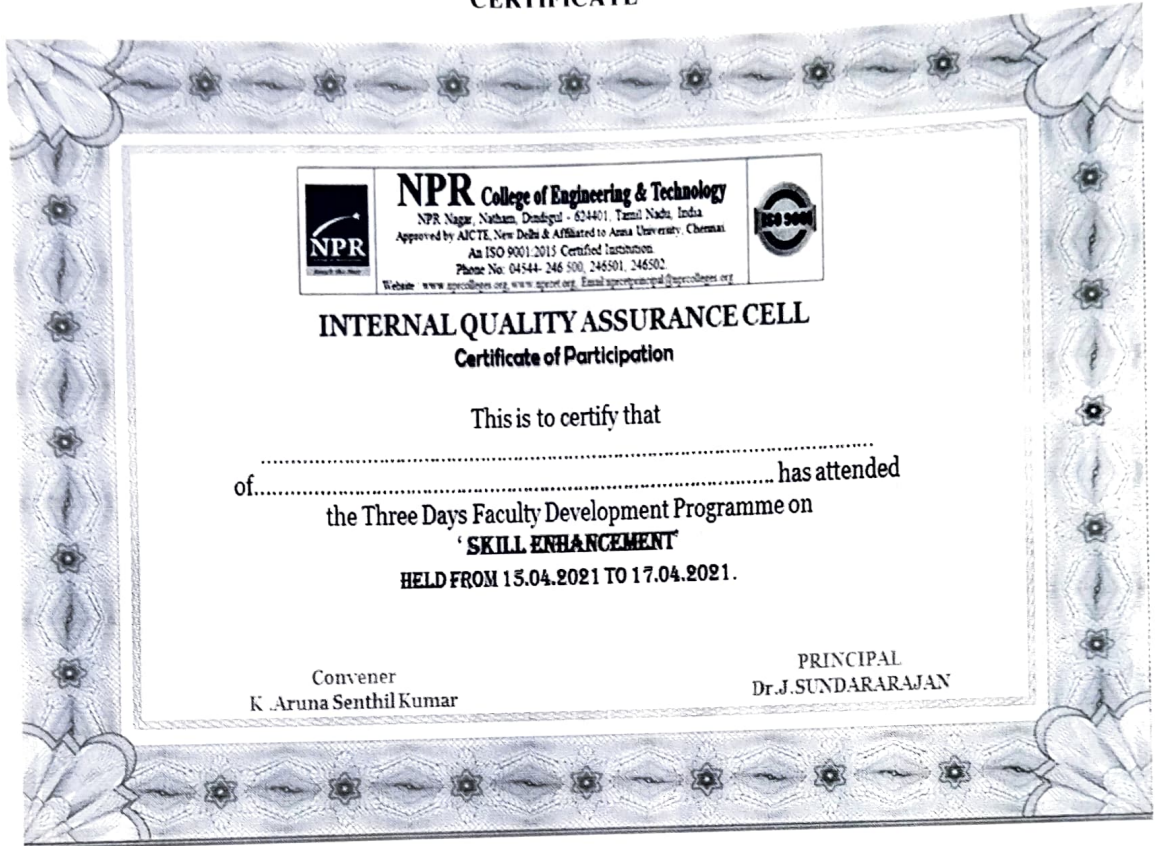
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INTERNAL QUALITY ASSURANCE CELL Three Days Faculty Development Programme on

“SKILL ENHANCEMENT”

CERTIFICATE



DEPARTMENT OF MECHANICAL ENGINEERING

One day online Workshop

on

“Recent Advancements in Industrial Instrumentation”

INDEX

ACADEMIC YEAR: 2020 -2021

SEMESTER:EVEN

DURATION: One Day

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Program Co-ordinator


HoD-MECH


IQAC Co-ordinator


Principal

Head of the Department

Coordinator - IQAC

Principal

Department of Mechanical Engineering

NPR College of Engineering & Technology

N.P.R. College of Engineering & Techno

College of Engineering & Technology, Natham, Dindigul (Dt)-624 401

Natham, Dindigul (Dt) - 624 401

Natham, Dindigul (DT) - 624 401.



DEPARTMENT OF MECHANICAL ENGINEERING

PERMISSION LETTER

DATE: 24.04.2021

From

Dr.T. Malaichamy,
Head of the Department
Department of Mechanical Engineering,
NPR College of Engineering & Technology,
Natham.

To

The Principal,
NPR College of Engineering & Technology,
Natham.

Respected Sir,

Sub: Requisitionfor organizingOne Day Workshopon“Recent Advancements in Industrial Instrumentation”–Reg.

We, the Department of Mechanical Engineering, proposed to organize one dayworkshop on‘RECENT ADVANCEMENTS IN INDUSTRIAL INSTRUMENTATION’to the faculties of our college and other collegeson 04.05.2021 in Google Meet..

1. Mr.S. Suresh, Chief Executive, MSV Automation Pvt. Ltd, Madurai.

is going to be the resource person for this Workshop. We expect around 45delegates from various Institutions.We request you to grant permission to organize the Workshop.

Thanking you

Yours faithfully,


Dr.T. Malaichamy,

HoD-Mech



COVERING LETTER

Date : 25.04.2021

Patron

Dr. J.Sundarajan,
Principal,

To

The Principal/ Dean/Director,
All Engineering Colleges.

Convener

Dr. T. Malaichamy,
HoD-MECH

Dear Sir/Madam,

Sub : One day Workshop on “**RECENT ADVANCEMENTS IN INDUSTRIAL INSTRUMENTATION**”- Reg.,

Co-ordinator

Dr.S. Paulsingarayar Prof-MECH

We have great pleasure in informing you that the Department of Mechanical Engineering, NPR college of Engineering and Technology, Natham is organizing one day **Workshop on “RECENT ADVANCEMENTS IN INDUSTRIAL INSTRUMENTATION”** on 04.05.2021.

Organizing Committee Members

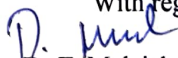
1. Mr. G.Sundarajan AP-MECH
2. Mr. K. ArunaSenthil Kumar AP-MECH
3. Mr. M. Mathan Raj AP-MECH

The objective of the Workshop is to enrich the knowledge and best practices for the young faculty to interact with senior expert academicians and to enlarge their teaching-learning process in theoretical sessions. Please find the details of the above Workshop in the enclosed brochure. We request you to sponsor faculty members from Mech/Mechatronics/ Industrial departments of your esteemed institution for this one day Workshop. We shall be glad to receive nominations from your institution on or before 29.04.2021.

Kindly forward the attached brochure to the respective departments. Looking forward to your kind cooperation for the success of the Workshop.

Thanking you,

With regards,


Dr.T. Malaichamy
HoD-MECH





NPR College of Engineering & Technology

NPR Nagar, Natham, Dindigul - 624401, Tamil Nadu, India.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai.

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Phone No: 04544- 246 500, 246501, 246502.

Website : www.nprcolleges.org, www.nprcet.org, Email nprcetprincipal@nprcolleges.org



DEPARTMENT OF MECHANICAL ENGINEERING

One day online Workshop

on

"Recent Advancements in Industrial Instrumentation"

Brochure

One Day workshop
on
'RECENT ADVANCEMENTS IN
INDUSTRIAL INSTRUMENTATION'

DATE: 04.05.2021
VENUE: Google Meet

Registration Form

(To be filled in block letters)

Name :

Department:

Gender : Male / Female

Designation :

Organization

Address for Communication:

Phone :

Email id :

Mode of Payment : DD/CASH

If DD

DD No.:

Date:

Name of Bank:

Amount Rs.

[Rs.250/- Demand Draft should be drawn in favour of
"NPR College of Engineering & Technology" payable
at Natham]

Date:

Signature

ORGANIZING COMMITTEE

Patron

Dr.J. Sundararajan,
Principal,
NPR College of Engineering & Technology,
Natham - 624 401.

Convener

Dr.T.Malaichamy,
Prof-Mech,
NPRCET.

Co-ordinator

Dr.S.Paulsingarayar,
AP-Mech,
NPRCET.

Organizing Committee Members

1.Mr.G.Sundararajan,
AP-Mech,
NPRCET.

2.Mr.K.Arana Senthil Kumar,
AP-Mech,
NPRCET.

3.Mr.M.Mathan Raj,
AP-Mech,
NPRCET.



NPR

COLLEGE OF ENGINEERING &
TECHNOLOGY

(An ISO 9001:2015 Certified Institution)
Natham - 624 401.



Phone : 04544 246500, 501, 502

Fax : 04544 246511

E-mail: nprcetprincipal@nprcolleges.org

One Day Workshop
on
'RECENT ADVANCEMENT IN
INDUSTRIALS
INSTRUMENTATION'

DATE: 04.05.2021
VENUE: Google Meet
Organized by

DEPARTMENT OF MECHANICAL
ENGINEERING





NPR College of Engineering & Technology

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DEPARTMENT OF MECHANICAL ENGINEERING

One day online Workshop

on

“Recent Advancements in Industrial Instrumentation”

Brochure

About the College

NPR College of Engineering and Technology is situated at Natham which is 27 kms away from Dindigul and 35 kms away from Madurai, Tamil Nadu. The campus is spread over 100 acres of lush green environment with lots of green cover and pristine surroundings. Our college recognizes the growing necessity to prepare the students from the rural and semi-urban sectors of India to be employable.

The main goal of NPR is to uplift the knowledge and consciousness of our students in and around our region. Hence, we offer seats to all the students regardless of their social background and economic status. We offer a unique chance for any student who wishes to pursue further education. Our admission policy is transparent and easy to follow for anyone who wishes to pursue any professional courses.

Resource Person

Mr.S. Suresh,
Chief Executive,
MSV Automation Pvt,Ltd,
Madurai.

About the Department

Mechanical Engineering Department was established in the year 2009 with an intake of 60 students. From the academic year 2012-2013 the intake was increased to 120 students. We have well established and modernized laboratories with latest technologies to enrich the knowledge of our students.

We have a separate department library for the reference of staff and students. We have well qualified and dedicated faculty members to teach and guide the students to develop their technical skills.

Important Dates

Last Date for Registration :29.04.2021
Confirmation mail :30.04.2021

Application form completed in all aspects is to be sent to:

Prof.Dr.T. Malaichamy,
HoD-Mech
NPR College of Engineering & Technology
Natham – Dindigul – 624 401.
Mobile No:9442258930
Email Id: nprcetmech@nprcolleges.org

Declaration

The above information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the workshop. If selected, I shall attend the workshop for the entire duration. I also undertake the responsibility to inform the co-ordinators in case I am unable to attend the workshop.

Place: _____
Date: _____ Signature of the Applicant

Sponsorship certificate

Mr/Mrs/Dr.
.....is an employee/student of our Institute and is hereby sponsored. He / She will be permitted to attend the workshop for the entire duration, if selected.

Office Seal _____
Place: _____
Date: _____ Signature of the sponsoring authority





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DEPARTMENT OF MECHANICAL ENGINEERING

The Management, Principal and Staff
Cordially invite you for the inauguration of

One day online Workshop

on

‘ RECENT ADVANCEMENTS IN INDUSTRIAL INSTRUMENTATION’

On 04th May, 2021

Venue: Google Meet at 09.30 a.m.

Link : meet.google.com/uqy-uxfi-ojq

Chief Guest

1. Mr.S. Suresh, Chief Executive, MSV Automation Pvt. Ltd, Madurai.

Dr.J.Sundararajan

Principal,

NPR College of Engineering & Technology

Felicitates the function

Organized by

Department of Mechanical Engineering,
NPR College of Engineering & Technology,
NPR Nagar, Natham.





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DEPARTMENT OF MECHANICAL ENGINEERING

One day online Workshop

on

“Recent Advancements in Industrial Instrumentation”

REGISTRATION FORM

Registration form for Workshop on
“Recent Advancements in Industrial
Instrumentation”

nprcetmach@nprcolleges.org (not shared) Switch account

Name of the staff

Your answer

Designation of the staff

Your answer

Name of the college

Your answer

Department

Your answer

Mail ID

Your answer

Submit

Clear form



DEPARTMENT OF MECHANICAL ENGINEERING

One day online Workshop

on

“Recent Advancements in Industrial Instrumentation”

Programme Schedule

Venue: Google Meet

Date: 03.06.2021

Meeting Link : meet.google.com/uqy-uxfi-ojq

<p style="text-align: center;">External Resource Person:</p> <p>1. Mr.S. Suresh, Chief Executive, MSV Automation Pvt. Ltd, Madurai.</p>	<p style="text-align: center;">Internal Resource Person:</p> <p>1. Dr. T. Malaichamy. Prof/Mech, NPRCET</p>
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PROGRAMME SCHEDULE				
DATE	TIME	SESSION	TOPIC	RESOURCE PERSON
04.05.2021	9:30 a.m.to 10:00 a.m.		Inauguration	
	10:00 a.m. to 11:10 a.m.	SESSION I	Interfacing with the machine	Mr.S. Suresh, Chief Executive, MSV Automation Pvt. Ltd, Madurai.
	11:10 a.m. to 11:30 a.m.		Tea Break	
	11:30 a.m.to 12:30 p.m.	SESSION II	Interfacing with the machine	Mr.S. Suresh, Chief Executive, MSV Automation Pvt. Ltd, Madurai.
	12:30 p.m. to 1: 30 p.m.		Lunch Break	
	1:30 p.m.to 2: 45 p.m.	SESSION III	Remote test for critical infrastructure	Dr. T. Malaichamy. Prof/Mech, NPRCET
	2.45 p.m.to 3.00 p.m.		Tea Break	
	3.00 p.m.to 3.45p.m.	SESSION IV	Questionnaire session	-
	3.45p.m. to 4.00 p.m.		Valedictory	





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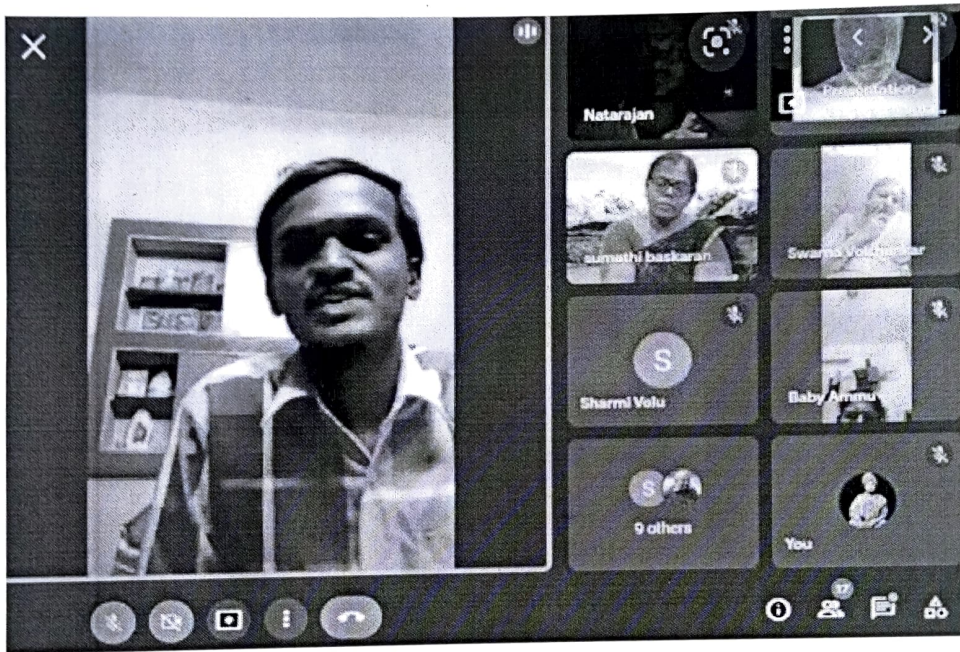
DEPARTMENT OF MECHANICAL ENGINEERING

. One day online Workshop

on

“Recent Advancements in Industrial Instrumentation”

Presentation of Chief Guest





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DEPARTMENT OF MECHANICAL ENGINEERING

Feedback form for Workshop on "Recent Advancements in Industrial Instrumentation"

nprcetmech@nprcolleges.org Switch account



* Required

Email *

Your email

Name of the staff

Your answer

Designation of the staff

DEPARTMENT

Your answer

NAME OF THE COLLEGE

Your answer

Course Content *

- ☐ EXCELLENT
- ☐ GOOD
- ☐ FAIR
- ☐ SATISFACTORY

Way of exposed new knowledge and practices *

- ☐ EXCELLENT
- ☐ GOOD
- ☐ FAIR
- ☐ SATISFACTORY



One day online Workshop

on

“Recent Advancements in Industrial Instrumentation”

FEEDBACK SUMMARY REPORT

Timestamp	Email Address	NAME OF THE STAFF	DESIGNATION	NAME OF THE COLLEGE	Course Content	Way of exposed new kno Delivered by
7/6/2021 17:20:16	gokul123@gmail.com	S GOKUL	ASSISTANT PROFESSOR	RVS COLLEGE OF ENGINEERING AND TECHNOLOGY	EXCELLENT	GOOD EXCELLENT
7/6/2021 18:18:18	siraj1562@gmail.com	K SIRAJUDEEN	ASSISTANT PROFESSOR	HINDUSTAN COLLEGE OF ENGINEERING AND TECHNOLOGY	GOOD	GOOD
7/6/2021 17:28:36	baskarkuty@yahoo.co.ir	S BASKARAN	ASSISTANT PROFESSOR	SRI ESHWAR COLLEGE OF ENGINEERING AND TECHNOLOGY	EXCELLENT	FAIR
7/6/2021 17:32:36	thilakgowdan@gmail.com	C THILAK GOIWDA	ASSISTANT PROFESSOR	CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY	GOOD	GOOD
7/6/2021 19:02:17	gkishore54@gmail.com	G KISHORE	ASSISTANT PROFESSOR	AKSHAYA COLLEGE OF ENGINEERING AND TECHNOLOGY	GOOD	EXCELLENT
7/6/2021 18:39:24	asthicoy13@gmail.com	G SATHIC	ASSISTANT PROFESSOR	RVS COLLEGE OF ENGINEERING AND TECHNOLOGY	GOOD	EXCELLENT
7/6/2021 17:30:16	ram_kumar456@gmail.com	C V RAMKUMAR	ASSISTANT PROFESSOR	SUBRAMANYA COLLEGE OF ENGINEERING AND TECHNOLOGY	EXCELLENT	GOOD
7/6/2021 17:50:48	gupta423@yahoo.com	L GUPTHA	ASSOCIATE PROFESSOR	Aditya College of Engineering	EXCELLENT	GOOD
7/6/2021 17:29:30	bernascr7891@gmail.com	JOEL APARECIO BERN	ASSISTANT PROFESSOR	Jaipur Engineering College	GOOD	EXCELLENT
7/6/2021 17:40:18	premkumargp@gmail.com	G P PREM KUMAR	ASSISTANT PROFESSOR	IMAYAM COLLEGE OF ENGINEERING	GOOD	EXCELLENT
7/6/2021 17:02:16	rajputak1255@yahoo.co	ANJIT ARJUN KATKAF	ASSOCIATE PROFESSOR	DR DAULATRAO AHER COLLEGE OF ENGINEERING, KARAD	EXCELLENT	GOOD
7/6/2021 17:08:29	bnaratna1696@gmail.com	BHARATHKUNAR A	ASSISTANT PROFESSOR	SSN COLLEGE OF ENGINEERING	GOOD	GOOD
7/6/2021 17:21:18	jeyaveerapandian@gmail.com	J EYAVEERA PANDIAN	ASSISTANT PROFESSOR	RAJALAKSHMI COLLEGE OF ENGINEERING	GOOD	EXCELLENT

Timestamp	Email Address	NAME OF THE STAFF	DESIGNATION	NAME OF THE COLLEGE	Time Management	Overall rating of this PDF Any Other Comments Suggest
7/6/2021 17:22:16	gokul123@gmail.com	S GOKUL	ASSISTANT PROFESSOR	RVS COLLEGE OF ENGINEERING AND TECHNOLOGY	GOOD	EXCELLENT GOT MORE IDEA ABOUT CFD
7/6/2021 18:18:18	siraj1562@gmail.com	K SIRAJUDEEN	ASSISTANT PROFESSOR	HINDUSTAN COLLEGE OF ENGINEERING AND TECHNOLOGY	EXCELLENT	GOOD NIL
7/6/2021 17:28:36	baskarkuty@yahoo.co.ir	S BASKARAN	ASSISTANT PROFESSOR	SRI ESHWAR COLLEGE OF ENGINEERING AND TECHNOLOGY	FAIR	EXCELLENT NIL
7/6/2021 17:32:36	thilakgowdan@gmail.com	C THILAK GOIWDA	ASSISTANT PROFESSOR	CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY	GOOD	EXCELLENT NIL
7/6/2021 19:02:17	gkishore54@gmail.com	G KISHORE	ASSISTANT PROFESSOR	AKSHAYA COLLEGE OF ENGINEERING AND TECHNOLOGY	EXCELLENT	NEED MORE FDP
7/6/2021 18:39:24	asthicoy13@gmail.com	G SATHIC	ASSISTANT PROFESSOR	RVS COLLEGE OF ENGINEERING AND TECHNOLOGY	EXCELLENT	EXCELLENT WAY OF TEACHING
7/6/2021 17:30:16	ram_kumar456@gmail.com	C V RAMKUMAR	ASSISTANT PROFESSOR	SUBRAMANYA COLLEGE OF ENGINEERING AND TECHNOLOGY	EXCELLENT	GOOD NIL
7/6/2021 17:50:48	gupta423@yahoo.com	L GUPTHA	ASSOCIATE PROFESSOR	Aditya College of Engineering	FAIR	EXCELLENT NIL
7/6/2021 17:29:30	bernascr7891@gmail.com	JOEL APARECIO BERN	ASSISTANT PROFESSOR	Jaipur Engineering College	EXCELLENT	GOOD KNOWLEDGE
7/6/2021 17:40:18	premkumargp@gmail.com	G P PREM KUMAR	ASSISTANT PROFESSOR	IMAYAM COLLEGE OF ENGINEERING	EXCELLENT	EXCELLENT NIL
7/6/2021 17:02:16	rajputak1255@yahoo.co	ANJIT ARJUN KATKAF	ASSOCIATE PROFESSOR	DR DAULATRAO AHER COLLEGE OF ENGINEERING, KARAD	GOOD	LEARNED A LOT
7/6/2021 17:08:29	bnaratna1696@gmail.com	BHARATHKUNAR A	ASSISTANT PROFESSOR	SSN COLLEGE OF ENGINEERING	EXCELLENT	GOOD NIL
7/6/2021 17:21:18	jeyaveerapandian@gmail.com	J EYAVEERA PANDIAN	ASSISTANT PROFESSOR	RAJALAKSHMI COLLEGE OF ENGINEERING	FAIR	GOOD NIL





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DEPARTMENT OF MECHANICAL ENGINEERING

One day online Workshop

on

“Recent Advancements in Industrial Instrumentation”

Summary Report

Department of Mechanical Engineering Organized a Workshop on 04.05.2021. The Inauguration function for the Workshop was conducted on 04.05.2021 at 9.30 a.m. in Google Meet. Principal Dr.J.Sundararajan, Dr.T. Malaichamy, Head of the department of Mechanical Engineering and the Chief Guest Mr. Suresh graced the inaugural session.

Dr. S. Paulsingaray, Assistant Professor-Mech Engineering, welcomed the gathering. Dr.T.Malaichamy enlightened the audience by relating the Recent Advancements in Industrial Instrumentation Techniques in Mechanical Engineering in real time applications. He explained the objective of Industrial Instrumentation in concern to areas of research as well as in relation with academics.

Principal ,Dr.J.Sundararajan felicitated the function with his inspiring words and finally thanked the organizing team for the arrangements made. Chief guest Mr. Suresh during his presidential address shared a lot of real time experiences in Industrial Instrumentation to all the participants. After that, by 10.00 a.m, the first session on Recent Advancements in Industrial Instrumentation was started, as per the schedule the internal and external resource persons delivered the lecture on their respective topics.

On 04.05.21, during the valedictory session, the participants gave feedback about the programme and the certificates were distributed to the participants by the principal. Then the programme Co-ordinator, Dr. S. Paulsingaray, delivered the vote of thanks and the programme came to an end.


Programme Co-ordinator


HoD-Mech


IQAC Co-ordinator


Principal

Head of the Department of Mechanical Engineering
NPR College of Engineering & Technology
Natham, Dindigul (Dt) - 624 401.

Coordinator - IQAC
NPR College of Engineering & Technology
Natham, Dindigul (Dt) - 624 401.

Principal
N.P.R. College of Engineering & Technology
Natham, Dindigul (Dt) - 624 401.





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DEPARTMENT OF MECHANICAL ENGINEERING

One day online Workshop

on

“Recent Advancements in Industrial Instrumentation”

CERTIFICATE



NPR COLLEGE OF ENGINEERING & TECHNOLOGY

Natham, Dindigul Dt-624 401 TamilNadu, India.

(approved by AICTE, NEW Delhi & Affiliated to Anna University, Chennai)

Website: www.nprcet.org, E-mail: nprcetprincipal@nprcolleges.org

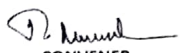


CERTIFICATE OF PARTICIPATION

This is to certify thatof.....

.....has actively

participated in the Workshop on 'Recent Advancements in Industrial Instrumentation' organised by the Department of Mechanical Engineering, NPR College of Engineering & Technology, Natham on 04.05.2021 through online pedagogy.


CONVENER
Dr.T. Malaichamy
HoD/Mech



Principal
Dr.J.Sundararajan

