



CRITERION – 2 TEACHING – LEARNING AND EVALUATION

KEY INDICATOR 2.3 TEACHING – LEARNING PROCESS

Metric No 2.3.1. Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences.

2.3.1 Additional Document

Sl. No.	Content	Page No.
	<u>Sample Proof for Experiential Learning</u>	
1.	Internships	3 - 65
2.	Laboratory Resources	
3.	In-Plant Training	
	<u>Sample Proof for Participative Learning</u>	
4.	Guest Lectures	66 - 143
5.	Workshops & Webinars	
6.	Add on Courses and Certificate Courses	
7.	NSS and YRC Programs	
	<u>Sample Proof for Problem Solving Methodologies</u>	
8.	Major Project	144 - 167
9.	Mini Project	
10.	Case Study	

PRINCIPAL

Dr. JSUNDARARAJAN,
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Academic Year

2020 - 21



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Sample Proof for Experiential Learning

Internship Certificates

Laboratory Resources

In-plant Training Certificates



Sona Builders
Engineers & Contractors

Er. P. Senthilkumar

Date: 02.11.2020

TO WHOM IT MAY CONCERN

This is to certify that **Ms. D.Abitha (920817103005)**, B.E. Civil Engineering from NPR College of Engineering & Technology, Natham has successfully completed her internship during the period 02.10.2020 to 02.11.2020.

For Sona Builders Engineers & Contractors


Er. P. Senthilkumar
Proprietor




Dr. J.SUNDARARAJAN,
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Sona Builders
Engineers & Contractors

Er. P. Senthilkumar

Date: 02.11.2020

TO WHOM IT MAY CONCERN

This is to certify that **Ms. M. Rubinipriya (920817103041)**,
B.E. Civil Engineering from NPR College of Engineering & Technology,
Natham has successfully completed her internship during the period
02.10.2020 to 02.11.2020.

For Sona Builders Engineers & Contractors


Er. P. Senthilkumar
Proprietor




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C3 TECHNOLOGIES

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52/33, T.Nagar 3rd Cross, Ramanathapuram, Coimbatore -641 045.

Ph: 72000 55778 / 98435 55778.

E-mail: c3technologiesbc@gmail.com

Date: 28.10.2020

CERTIFICATE OF INTERNSHIP TRAINING

This is to certify that Ms. Chithra B from NPR College Engineering and Technology has successfully completed internship training from 05.10.2020 to 21.10.2020 In our organization.

During the tenure of training, we found him very sincere, attentive and good behaviour.

Dr. J.SUNDARARAJAN,

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

Principal

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Natham, Dindigul (Dt) - 624 401.



For C3 TECHNOLOGIES

Managing Director



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Ph: 72000 55778 / 98435 55778.

E-mail: C3technologies@rediffmail.com

Date: 22.10.2020

CERTIFICATE OF INTERNSHIP TRAINING

This is to certify that Ms. Safrine Banu S from NPR College Engineering and Technology has successfully completed internship training from 05.10.2020 to 21.10.2020 in our organization.

During the tenure of training, we found him very sincere, attentive and good behaviour.

Dr. J.SUNDARARAJAN,
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For C3 TECHNOLOGIES

Managing Director

Vi Microsystems Pvt. Ltd.,

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E-mail sales@vimicrosystems.com Website www.vimicrosystems.com

GSTIN 33AAACV0909J1ZJ PAN No AAACV0909J

Date 27.10.2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms.S.DhathVetha** (920819106014), studying in Second year Electronics and Communication Engineering of NPR College of Engineering & Technology, Natham has undergone internship in our organization from 12.10.2020 – 27.10.2020

During the period, her conduct was found to be good.



With Regards


For VI Microsystems




Dr. J.SUNDARARAJAN,
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GSTIN : 33AAACV0909J1ZJ PAN No. : AAACV0909J

Date : 27.10.2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms.B.Jyothika** (920819106021), studying in Second year Electronics and Communication Engineering of NPR College of Engineering & Technology, Natham has undergone internship in our organization from 12.10.2020 – 27.10.2020

During the period, her conduct was found to be good.



With Regards


For VI Microsystems




Dr. J.SUNDARARAJAN,

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

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Caliber

CALIBER VIRTUAL TECHNOLOGIES
NO:4, 1st FLOOR, GANDHI NAGAR FIRST STREET,
KAVUNDAMPALAYAM, COIMBATORE— 641030.

GST. No: 33BYOPP5323C3ZH

Date: 07.12.2020

To whomsoever it may concern

This is to certify that **Mr. PITCHIYATHA D (920819105009)**,
Second year EEE of NPR College of Engineering & Technology, Natham has
undergone online internship training in our organization from **02.11.2020 to**
07.12. 2020.

We appreciate his participation with interest towards the training program.

AUTHORISED SIGNATURE

salemcaliberembeddedtech@gmail.com Contact 7867014811



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GST. No: 33BYOPP5323C3ZH

Date: 07.12.2020

To whomsoever it may concern

This is to certify that **Mr. RAJAMURUGAN M (920819105012)**,
Second year EEE of NPR College of Engineering & Technology, Natham has
undergone online internship training in our organization from **02.11.2020 to**
07.12. 2020.

We appreciate his participation with interest towards the training program.

AUTHORISED SIGNATURE

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TIN No. : 33915023027

Plot No 32, (S.V.D.Nagar
Rajappa Nagar,
Kovil Pappakudi (P o)
MADURAI - 625 018

Date: 28.09.2020

TO WHOM IT MAY CONCERN

This is to certify that **ABDULLA BEE A** a student of BE (Mechanical Engineering-Fourth year) NPR college of Engineering & Technology, Natham, Dindigul, India has successfully completed INTERNSHIP (08.09.2020 to 28.09.2020) at this **OSHO BODY BUILDERS, MADURAI**. During the period of his INTERNSHIP with us, he was found Punctual, Hardworking and Inquisitive.

For

For Osho Body Builders


Manager.


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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Ph : 0452 - 6562250

Cell : 98425 - 32220
98430 - 83074



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ISO CERTIFIED COMPANY**

TIN No. : 33915023027

Plot No.32, (S.V.D.Nagar)
Rajappa Nagar,
Kovil Pappakudi (Po)
MADURAI - 625 018

Date: 28.09.2020

TO WHOM IT MAY CONCERN

This is to certify that **GOKULNATH R** a student of BE (Mechanical Engineering-Fourth year) NPR college of Engineering & Technology, Natham, Dindigul, India has successfully completed INTERNSHIP (08.09.2020 to 28.09.2020) at this **OSHO BODY BUILDERS, MADURAI**. During the period of his INTERNSHIP with us, he was found Punctual, Hardworking and Inquisitive.

For

For Osho Body Builders


Manager.


Dr. J.SUNDARARAJAN,
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Principal
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Natham, Dindigul (Dt) - 624 401.

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LABORATORY RESOURCES



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DEPARTMENT OF CIVIL ENGINEERING



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SOIL LABORATORY



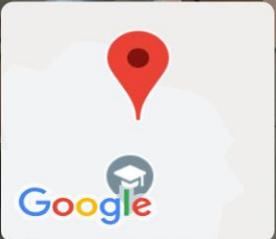
STRENGTH OF MATERIALS LABORATORY

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Pappanamalai R.F., Tamil Nadu, India
 N P R Nagar, Natham Rd, Pappanamalai R.F., Tamil Nadu 624401, India
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 Long E 78° 11' 8.75976"
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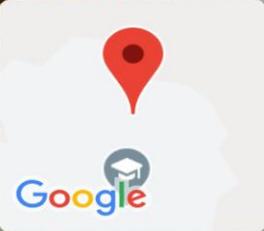
STRUCTURAL LABORATORY



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 N P R Nagar, Natham Rd, Pappanamalai R.F., Tamil Nadu 624401, India
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 Long E 78° 11' 9.48552"
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Lat N 10° 14' 39.29136"

Long E 78° 11' 9.39948"

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 Pappanamalai R.F., Tamil Nadu 624401, India
 Lat N 10° 14' 33.28908"
 Long E 78° 11' 10.37904"
 19/03/2021 14:22

OOAD LABORATORY




Google

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 Pappanamalai R.F., Tamil Nadu 624401, India
 Lat N 10° 14' 34.07964"
 Long E 78° 11' 9.71484"
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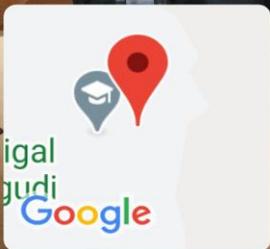
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Punnapatti, Tamil Nadu, India
SH 35, Punnapatti, Tamil Nadu 624401, India
Lat N 10° 14' 23.60148"
Long E 78° 11' 39.77304"
19/03/2021 14:45

CSE MAIN LABORATORY



Pappanamalai R.F., Tamil Nadu, India
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Lat N 10° 14' 33.1206"
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

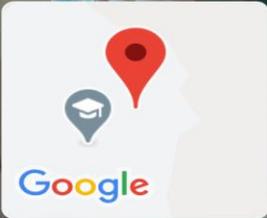


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 N P R Nagar, Natham Rd, Pappanamalai R.F., Tamil Nadu 624401, India
 Lat N 10° 14' 35.36844"
 Long E 78° 11' 12.03324"
 22/03/2021 11:24

LIC LABORATORY



Pappanamalai R.F., Tamil Nadu, India
 Pappanamalai R.F., Tamil Nadu 624401, India
 Lat N 10° 14' 34.69272"
 Long E 78° 11' 10.76964"
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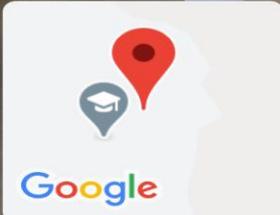
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Pappanamalai R.F., Tamil Nadu, India
SH 35, Pappanamalai R.F., Tamil Nadu 624401, India
Lat N 10° 14' 17.12256"
Long E 78° 11' 32.07984"
22/03/2021 11:34

OPTICAL COMMUNICATION LABORATORY

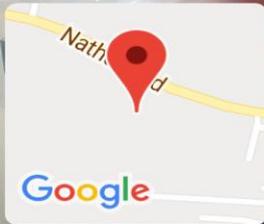


Pappanamalai R.F., Tamil Nadu, India
Pappanamalai R.F., Tamil Nadu 624401, India
Lat N 10° 14' 34.77372"
Long E 78° 11' 11.37696"
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EMBEDDED LABORATORY

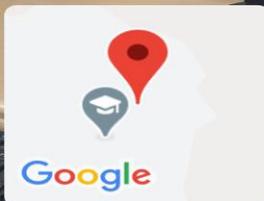
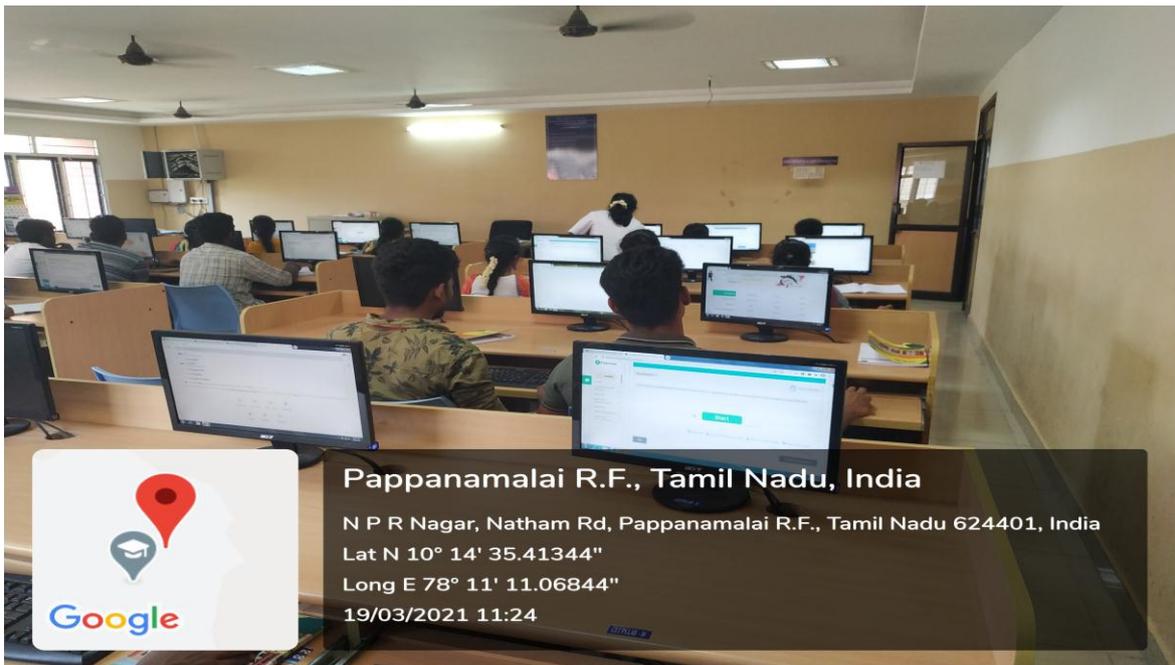
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



Punnapatti, Tamil Nadu, India
 SH 35, Punnapatti, Tamil Nadu 624401, India
 Lat N 10° 14' 22.34076"
 Long E 78° 12' 13.10868"
 27/03/2021 11:01

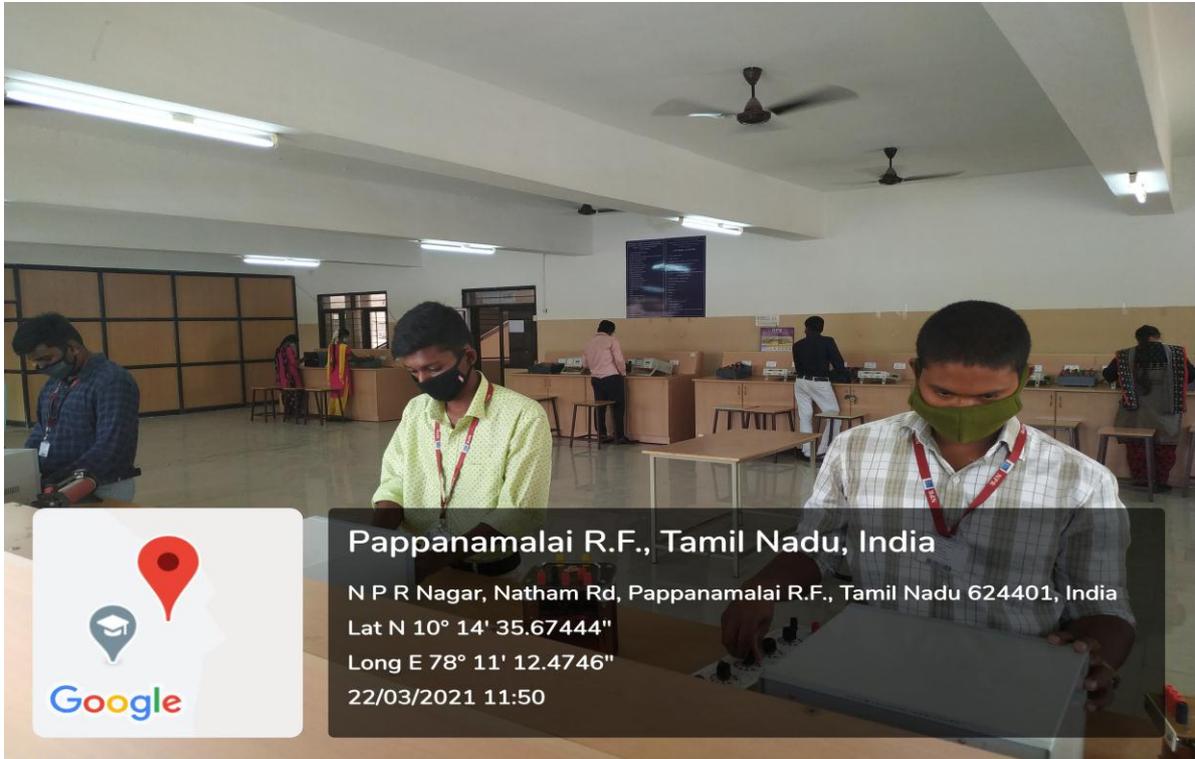
MACHINES LABORATORY



Pappanamalai R.F., Tamil Nadu, India
 N P R Nagar, Natham Rd, Pappanamalai R.F., Tamil Nadu 624401, India
 Lat N 10° 14' 35.41344"
 Long E 78° 11' 11.06844"
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PSS LAB

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POWER ELECTRONICS LABORATORY

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DEPARTMENT OF MECHANICAL ENGINEERING



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MT LABORATORY

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION



MBA LAB

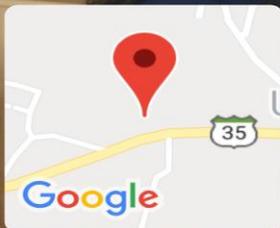
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DEPARTMENT OF SCIENCE AND HUMANITIES



Punnapatti, Tamil Nadu, India
 SH 35, Punnapatti, Tamil Nadu 624401, India
 Lat N 10° 14' 26.59632"
 Long E 78° 11' 53.87712"
 19/03/2021 14:34

COMMUNICATION LABORATORY



Pappanamalai R.F., Tamil Nadu, India
 SH 35, Pappanamalai R.F., Tamil Nadu 624401, India
 Lat N 10° 14' 22.03368"
 Long E 78° 11' 30.79788"
 19/03/2021 15:43

PHYSICS LABORATORY



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



Punnapatti, Tamil Nadu, India
SH 35, Punnapatti, Tamil Nadu 624401, India
Lat N 10° 14' 23.60148"
Long E 78° 11' 39.77304"
19/03/2021 15:34

CHEMISTRY LABORATORY

 <p>NPR Group of Institutions <i>Reach the Star</i></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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COLLEGE LIBRARY



Pappanamalai R.F., Tamil Nadu, India
 SH 35, Pappanamalai R.F., Tamil Nadu 624401, India
 Lat N 10° 14' 21.9894"
 Long E 78° 11' 22.6446"
 22/03/2021 14:43



Pappanamalai R.F., Tamil Nadu, India
 SH 35, Pappanamalai R.F., Tamil Nadu 624401, India
 Lat N 10° 14' 21.74928"
 Long E 78° 11' 22.6932"
 22/03/2021 14:50



TMC ENGINEERING PRIVATE LIMITED

Mail: tmcengg@yahoo.com

Website: www.tmcachines.com

7/09/2020

To

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

Sir,

Sub: In-plant training – reg.

Your request letter regarding one week In-plant training for **Mr.S.Subash, K.Sudarshan of II year Civil Engineering** is accepted by authority. During the period of In-plant Training from 10/09/2020, the students have to follow the rules and safety practices.

Thank you



For TMC Engineering Private Ltd.
(S.Somasundaramoorthy)

Dr. J.SUNDARARAJAN,

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

Principal

N.P.R. College of Engineering & Technology

Natham, Dindigul (Dt) - 624 401.



TMC ENGINEERING PRIVATE LIMITED

Mail: tmcengg@yahoo.com

Website: www.tmcmachines.com

Date: 21.09.2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. S. Subash, II year, B.E., (Civil Engineering)** of NPR College of Engineering & Technology, Natham, Dindigul has successfully completed his In-Plant Training in our research firm on testing of materials from 10.09.2020 to 21.09.2020.

We wish him all success in his future exertion.

For TMC Engg. Pvt. Ltd.
(S.Somasundaramoorthy)




Dr. J.SUNDARARAJAN,
B.E., M.Tech., Ph.D.,
Principal
N.P.R. College of Engineering & Technology
Natham, Dindigul (Dt) - 624 431.

TWAD



BOARD

CERTIFICATE

This is to certify that **Thiru.V.M.SURYA NARAYANAN** (Reg. No.920817103048) Student in IV-year Civil Engineering from NPR College of Engineering and Technology, Dindigul has Undergone In-Plant Training in **AUNDIPATTY – SEDAPATTY COMBINED WATER SUPPLY SCHEME** which includes beneficiaries of 529 Rural Habitations, One Municipality and 4 Town Panchayats in Madurai and Theni Districts in **TREATMENT PLANT AT VAIG Aidam** from 01.09.2020 to 07.09.2020.

During the training he was imparted training in civil Engineering Department to acquire knowledge about its function of Head works Intake well, Collection well, 150&100HP Vertical Turbine pump sets, 125KVA Generators, 32 MLD Treatment plant which includes components like Aerator stilling chamber, Flash mixer, Dividing chamber, Clarifloculator, Filter house, Chemical house, Wash water tank, Clear water sump, Pumproom, Generator room and Electrical breakers, Soft starters, Higher duty pumpsets (220HP and 167HP Centrifugal Pump sets), 1000KVA Transformers, 750KVA Generator and Treatment in water Treatment lab & District Laboratory.

His performance during this period was found satisfactory. We wish his all success in his future endeavour.

Date : 07.09.2020,

Place : Vaigai Dam.



Dr. J.SUNDARARAJAN,

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

Principal

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

ASSISTANT
TWAD Board, Maintenance
Vaigai Dam

PUBLIC WORKS DEPARTMENT

Buildings (Construction & Maintenance) Division, Madurai

TO WHOMSOEVER IT MAY CONCERN

This is to Certify that Selvan.V.NAVEEN CHANDRU
(Reg.No.920817103032) Civil Engineering Student of NPR COLLEGE
OF ENGINEERING & TECHNOLOGY, DINDIGUL has undergone the
In-plant Training in the Construction Sites for the works undergone
in this Division from 05.10.2020 to 19.10.2020(07.10.2020-Absent).

Selvan V. Naveen Chandru
Executive Engineer, PWD,
Buildings (Construction & Maintenance)
Division, Madurai-2

5/2
22/10/2020



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

PUBLIC WORKS DEPARTMENT

Buildings (Construction & Maintenance) Division, Madurai

TO WHOMSOEVER IT MAY CONCERN

This is to Certify that **Selvan.R.SURYA**
(Reg.No.920817103050) Civil Engineering Student of **NPR COLLEGE**
OF ENGINEERING & TECHNOLOGY, DINDIGUL has undergone the
In-plant Training in the Construction Sites for the works undergone
in this Division from **05.10.2020 to 19.10.2020(07.10.2020-Absent)**.



Selvan R. Surya 25/10/20
Executive Engineer, PWD,
Buildings (Construction & Maintenance)
Division, Madurai-2

62
22/10/2020

Dr. J.SUNDARARAJAN,

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

Principal

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



C3 TECHNOLOGIES

TRAINING | PROJECTS | PLACEMENTS
An ISO 29990:2010 Certified Institution



52/33, T.Nagar 3rd Cross, Ramanathapuram, Coimbatore -641 045.

Ph: 72000 55778 / 98435 55778.

E-mail: c3technologiescebe@gmail.com

Date: 14.08.2020

To

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

Dear Sir,

Sub: In-plant training- reg.

We wish to conform that the below listed students for inplant training from 07.09.2020 to 14.09.2020 in our organization. During the period of inplant training the students have to follow the rules and regulations in our organization. Submission of bonafide certificate at the time of training is mandatory.

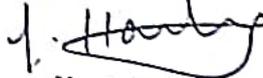
S. No.	Name of the student	Register Number	Year & Branch
1.	Arunkumar. S	920817104010	IV CSE
2.	Chellapandian. R	920817104012	IV CSE
3.	Hariprasath. T	920817104019	IV CSE
4.	Natishkumar. R	920817104035	IV CSE

We appreciate your interest in our company.


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



For C3 TECHNOLOGIES


Managing Director



C3 TECHNOLOGIES

TRAINING | PROJECTS | PLACEMENTS
An ISO 20000:2010 Certified Institution



52/33, T.Nagar 3rd Cross, Ramanathapuram, Colubatore -641 045.

Ph: 72000 55778 / 98435 55778.

E-mail: c3technologiesche@gmail.com

Date: 21.09.2019

CERTIFICATE OF IN-PLANT TRAINING

This is to certify that Mr. Arunkumar.S from NPR College Engineering and Technology has successfully completed Inplant training from 07.09.2020 to 14.09.2020 in our organization.

During the tenure of training, we found him very sincere, attentive and good behaviour.


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



For C3 TECHNOLOGIES

Managing Director

18th, Aug' 2020

To

The Principal,
NPR College of Engineering & Technology,
Natham, Dindigul – 624 401.

Dear Sir,

Sub: Inplant training-Reg.

We are pleased confirm that the following listed students are permitted to undergo inplant training in our company from 03.09.2020 to 10.09.2020. At the time of joining the students should submit the bonafide certificate.

S. No.	Name of the student	Register Number	Year & Branch
1.	Abirami. M	920817104002	IV CSE
2.	Alaguraja. R	920817104008	IV CSE
3.	Amruthaashree. R	920817104009	IV CSE
4.	Gururaj. B	920817104018	IV CSE

Yours Sincerely,
For CMS IT Services Pvt Ltd.,

Authorized Signator




Dr. J.SUNDARARAJAN,

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

Principal

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

Licensee :: Entrust Technoservices Pvt. Ltd.



3rd Floor, TABS Complex, Opp. American Hospital, 41, Bharathidasan Salai, Cantonment, Trichy – 620 001

Phone : 0431- 4250437, Email : trichy@cmsinstitute.co.in Website: www.cmsinstitute.co.in

21st Sep' 2020

To Whom So Ever It May Concern

This is to certify that Ms.Abirami M, Department of Computer Science & Engineering, NPR College of Engineering & Technology, Natham, Dindigul has undergone Inplant training from 03.09.2020 to 10.09.2020 in our organization.

During the period of his training, he had shown keen Interest towards learning.

He demonstrated good design skills with self-motivated attitude to learn new things.

We wish him future endeavor.

Yours Sincerely,
For CMS IT Services Pvt Ltd.,


Authorized Signatory, 




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

Licensee :: Entrust Technoservices Pvt. Ltd.



3rd Floor, TABS Complex, Opp. American Hospital, 41, Bharathidasan Salai, Cantonment, Trichy – 620 001
Phone : 0431- 4250437, Email : trichy@cmsinstitute.co.in Website: www.cmsinstitute.co.in

Date: 19.08.2020

To

The Principal
NPR College of Engineering & Technology
Natham

Dear Sir,

Sub: Acceptance of Inplant training in our Company –Reg.

We would like to conform that the below listed students has undergone In-plant training in our company. Here are the terms of In-plant training with the company

1. Duration of training will be from 14.09.2020 to 21.09.2020
2. The students will not be entitled or any other benefits from the company during this tenure.
3. During the training, you are expected to abide code of conduct prescribed, by the company for all the employees.
4. Students must submit the bonafide at the time of training.
5. The listed students are Mr. Aravind B, Ms. Gunadevi I, Mr. Muneeshwaran N, Mr. Palpandi R.

Please feel free to contact us in case of further details. Wishing you good luck for your future endeavours.

For Xplore IT Corp

Authorized Signatory



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

Date: 23.09.2020

CERTIFICATE OF COMPLETION

This is to certify that Mr. Aravind B, student of BE-CSE third year, N.P.R college of Engineering & Technology, Natham, Dindigul, has successfully completed Inplant training from 14.09.2020 to 21.09.2020.

During this period her performance was found good.

We wish her good luck for all the future endeavours and looks forward to work in future.

XPLORE IT CORP

Design Your Future

For Xplore IT Corp



Authorized Signatory



Dr. J. SUNDARARAJ

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

Principal

N.P.R. College of Engineering & Technology
Natham, Dindigul (Dt) - 624401.

Date: 28.09.2020

CERTIFICATE OF COMPLETION

This is to certify that Ms. Gunadevi I, student of BE-CSE third year, NPR college of Engineering & Technology, Natham, Dindigul, has successfully completed Inplant training from 14.09.2020 to 21.09.2020.

During this period his performance was found good.

We wish him good luck for all the future endeavours and looks forward to work in future.

XPLORE IT CORP
Design Your Desire

For Xplore IT Corp


Authorized Signatory




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



Triflorum Engineering and Business Solutions

Date: 02.09.2020

To

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

Respected Sir,

Sub: Implant training - Reg.

Ref: NPRCET/OFF/CSE/IPTT/2020-21 dated on 20.08.2020

With reference to the above, the final year CSE students **Ms. Aishwarya R, Ms. Bonsiya R, Mr. Jeganathan R, Mr. Manoj S.** has been permitted for implant training from **21.09.2020 to 28.09.2020** in our organization. Students should submit the bonafide certificate at the time of joining the implant training.

Expecting your kind cooperation in this regard.

S. Kumaraguru

Managing Director
Mr.S.Kumaraguru



[Handwritten signature]

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



Triflorum Engineering and Business Solutions

Date: 01.10.2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Aishwarya R, final year student of BE-Computer science and Engineering, NPR college of Engineering & Technology, Natham, Dindigul, has successfully completed Implant training in our organization from 21.09.2020 to 28.09.2020.

During the above period we found him sincere and hardworking. He has taken proper initiative efforts towards completed his training.

We wish him all the best for the future career.


Managing Director
Mr.S.Kumaraguru





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

BRIGHT
TECHNOLOGY
(Institute for technical training)

Cell : 9655913231 , 9566913231
Mail : thebrighttechnology@gmail.com

Date: 31.08.2020

To

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

Dear Sir,

Sub: Permission for In-Plant Training-reg

Ref: NPRCET/OFF/ECE/INT/2020-2021dated :24.08.2020

With respect to reference cited above, we permit Maniekantan T S ,MohanaPriya S , Mohan Kumar M K , Saravanakumar C ,Sathish K ,Shema S of Final year Electronics and Communication Engineering to undergo In-Plant Training in our organization from 07.09.2020 – 14.09.2020.

Thank you.



Dr. J.SUNDARARAJAN
B.E., M.Tech., Ph.D.
Principal
N.P.R. College of Engineering & Technology,
Natham, Dindigul (Dt) - 624401.



Sri Varadharaja Bavanam, Canara Bank Upstairs,
Nagal Nagar, R.S. Road, Dindigul - 624003

BRIGHT

TECHNOLOGY

(Institute for technical training)

Cell : 9655913231 , 9566913231
Mail : thebrighttechnology@gmail.com

Date:14.09.2020

To whomsoever it may concern

This is to certify that **Mr.Maniekantan T S**, Final year ECE of NPR College of Engineering & Technology, Natham has undergone In-Plant training in our organization from 07.09.2020 – 14.09.2020.

We appreciate his participation with interest towards the training program.




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





Sri Varadharaja Bavanam, Canara Bank Upstairs,
Nagal Nagar, R.S. Road, Dindigul - 624003

Vi Microsystems Pvt. Ltd.,

Plot No 75, Electronics Estate, Perungudi, Chennai - 600096

Tel : 044-2496 1842, 2496 1852

E-mail : sales@vimicrosystems.com Website : www.vimicrosystems.com

GSTIN : 33AAACV0909J1ZJ PAN No : AAACV0909J

Date: 26.08.2020

To

The Principal
NPR College of Engineering & Technology
Natham

Sir,

Sub: permission for In Plant Training - Reg.

Ref: NPRCET/OFF/ECE/IPT-02/2020-2021 dated 16.08.2020

With reference to the above, we are pleased to offer in plant training to the students listed below, studying B.E-Electronics and Communication Engineering at NPR College of Engineering & Technology, Natham from 03.09.2020 -10.09.2020 in our organization.

S.No.	Name of the Student	Reg.No	Year & Branch
1.	Ms.Durgadevi S	920818106008	III ECE
2.	Ms.Kiruthika R	920818106013	III ECE
3.	Mr.Muthu Vignesh M	920818106017	III ECE
4.	Mr.Rajkumar K	920818106024	III ECE
5.	Ms.Seema Fathima S	920818106029	III ECE
6.	Ms.Varshini B	920818106036	III ECE



With Regards


For Vi Microsystems

MFRS, MICROPROCESSOR TRAINERS, PROCESS CONTROL TRAINERS, POWER ELECTRONICS TRAINERS, DSP TRAINERS, PERSONAL COMPUTER TRAINERS

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

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

Vi Microsystems Pvt. Ltd.,

Plot No.75, Electronics Estate, Perungudi, Chennai - 600096.

Tel : 044-2496 1842, 2496 1852

E-mail : sales@vimicrosystems.com Website : www.vimicrosystems.com

GSTIN : 33AAACV0909J1ZJ PAN No.: AAACV0909J

Date: 10.09.2020

TO WHOM IT MAY CONCERN

This is to certify that **Ms.Durgadevi S (920818106008)** studying in Third year Electronics and Communication Engineering of NPR College of Engineering & Technology, Natham has undergone In-Plant training in our organization for 7 days from 03.09.2020 – 10.09.2020.

During the period, her conduct was found to be good.



With Regards


For VI Microsystems




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

Date: 07.09.2020

To

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

Dear Sir,

Sub: Permission for Inplant Training-reg

Ref: NPRCET/OFF/ECE/IPT/2020 - 2021 dated:01.09.2020

With reference to your letter cited above, we are pleased to give permission for AFRIN SHIFANA A , BALAJI M, CHRISTIYA I, DEVISRI S, PORKODI S of Second year Electronics and Communication Engineering of your institution to undergo In-Plant Training in our organization from 15.09.2020 - 22.09.2020

Thank you.

For Megatronics

(C. Kathan)



Dr. J.SUNDARARAJAN,

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

Principal

N.P.R. College of Engineering & Technology

Natham, Dindigul (Dt) - 624 401.

Date: 22.09.2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. AFRIN SHIFANA S (920819106002)** doing Second year B.E, Electronics and Communication Engineering in NPR College of Engineering & Technology, Natham has undergone the In-plant training program offered by our organization during the period of 15.09.2020 - 22.09.2020.

We wish her every success in life.

For Megatronics

(C.Kaushan)



Dr. J.SUNDARARAJAN,

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

Principal

N.P.R. College of Engineering & Technology

Natham, Dindigul (Dt) - 624 401.

Date: 30.09.2020

To

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

Sir,

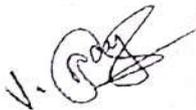
Sub: Permission for In-Plant Training-reg

Ref: NPRCET/OFF/EEE/IPT-01/2020-2021 dated: 28.09.2020

With reference to your letter we are pleased to grant permission for Mr. ABUDHAGIR K (920817105003), Mr. HARIHARAN S (920817105013), Mr. MOHAMED FAIZ A (920817105016), Mr. SABARISH R (920817105024) of final year Electrical and Electronics Engineering of your institution to undergo In-Plant Training in our concern from 05.10.2020 to 14.10.2020.

With Regards

For SUPERFECT SOLUTIONS,



AUTHORIZED SIGNATORY



SUPERFECT SOLUTIONS

Tel: 9025-655-523, Mail: info@superfectsolutions.com, Web: www.superfectsolutions.com



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

Date: 14-10-2020

Ref No: SUP/IPT/20810

INDUSTRIAL IN-PLANT TRAINING CERTIFICATE

TO WHOM IT MAY CONCERN

This is to certify that **Mr. ABUDHAGIR K (920817105003)** pursuing his final year EEE at NPR College of Engineering & Technology, Natham, has undergone his In-Plant Training in our concern **from 05.10.2020 to 14.10.2020**.

We appreciate his participation with interest towards the training program.

For SUPERFECT SOLUTIONS,



AUTHORIZED SIGNATORY



SUPERFECT SOLUTIONS

Tel: 9025-655-523, **Mail:** info@superfectsolutions.com, **Web:** www.superfectsolutions.com



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

Date: 24.10.2020

To

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

Sir,

Sub: Permission for In-plant training-reg

Ref: NPRCET/OFF/EEE/IPT-02/2020-2021 dated: 22.10.2020.

With reference to your letter we are pleased to grant permission for Ms.V.Monika (920818105005), Mr. R.B.Saran (920818105007), Mr. K.Vigneshwaran (920818105701) of third year Electrical and Electronics Engineering of your institution to undergo In-plant training in our concern from 29.10.2020 to 08.11.2020.



R/S
Dr. J.SUNDARARAJAN,

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

Principal

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

With Regards, *M. N. S.*

NANO TECH GROUPS

No:31/588, 5th Cross

Shanmuga Nagar, U.K.T. Malai

Trichy- 620 102

Cell:98948 90200, 88070 90200

+91 88070 90200 ntgroups.india@gmail.com

+91 98948 90200 www.nanotechgroups.in

NANO TECH GROUPS

No: 31/588, 5th Cross, Shanmuga Nagar, Uyyakondan Thirumalai, Trichy - 620 102

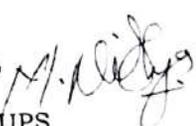
Date: 08.11.2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the students of third year EEE of NPR College of Engineering & Technology, Natham has successfully done the In-plant training in our concern from 29.10.2020 to 08.11.2020.

During this period their conduct was sincere and hardworking.

S. No.	Name of the Student	Register Number	Year & Branch
1.	Ms.V.Monika	920818105005	III & EEE
2.	Mr. R.B.Saran	920818105007	III & EEE
3.	Mr. K.Vigneshwaran	920818105701	III & EEE

With Regards, 

NANO TECH GROUPS
No:31/588, 5th Cross
Shanmuga Nagar, U.K.T. Malai
Trichy- 620 102
Cell:98948 90200, 88070 90200




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

+91 88070 90200  ntgroups.india@gmail.com
+91 98948 90200  www.nanotechgroups.in

NANO TECH GROUPS

 No: 31/588, 5th Cross, Shanmuga Nagar, Uyyakondan Thirumalai, Trichy - 620 102



43, 4th Cross, uyyakondan thirumalai, Vayalur Road,
Trichy — 620102.
corporate.umbrella1998@gmail.com
8015080200.

Date: 18.12.2020

To

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

Sir,

Sub: Permission for In-plant training-reg

Ref: NPRCET/OFF/EEE/IPT-03/2020-2021 dated: 15.12.2020

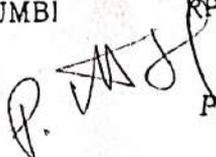
With reference to your letter we are pleased to grant permission for Mr. ABDUL AJEESH.A (920817105001), Mr.DINESHKUMAR K (920817105008), Mr.ARUN KUMAR.P (920817105004), Mr.DIVAKAR M (920817105009), Mr.RUBAKUMAR B (920817105023), Mr.SENTHIL KUMARAN V (920817105026) of Final year Electrical and Electronics Engineering of your institution to undergo In-plant training in our concern from 21.12.2020 to 23.01.2021.


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

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

For UMBI

PROVATION


Proprietor

With Regards





43, 4th Cross, uyyakondan thirumalai, Vayalur Road,
Trichy — 620102.
corporate.umbrella1998@gmail.com
8015080200.

Date: 23.01.2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the students of Final year EEE of NPR College of Engineering & Technology, Natham has successfully done the In-Plant training in our concern from 21.12.2020 to 23.01.2021.

During this period his conduct was sincere and hardworking.

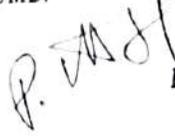
S. No.	Name of the Student	Register Number	Year & Branch
1.	Mr.ABDUL AJEESH.A	920817105001	IV & EEE


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



For UMBI

PROVATION


Proprietor

With Regards



Ayyanar Thurai

Web : oshobodybuilders.in
E.mail : osho.oshos5@gmail.com
Ph : 0452 - 6562250

Cell : 98425 - 32220
98430 - 83074



TIN No : 33915023027

Plot No.32, (S.V.D.Nagar)
Rajappa Nagar,
Kovil Pappakudi (P o)
MADURAI - 625 018

Date: 25.08.2020

To

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

Sir,

Sub: letter of Acceptance for In-plant Training - reg.

Ref: Your letter dated on 20.08.2020.

With reference to above **BHUVANESWARAN C, HARISH J, VELMURUGAN P, VISHVA G** of III year Mechanical Engineering students from your institution has been offered Internship from 31.08.2020 to 05.09.2020.

For OSHA BODY BUILDERS

For Osha Body Builders
R. Jitendra

Manager.

ELEGANCE IN SHAPE AND EXCELLENCE IN QUALITY IS OUR WATCH WORD

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

Web : oshobodybuilders.in
E.mail : osho.oshos@gmail.com
Ph : 0452 - 6562250

Cell : 98425 - 32220
98430 - 83074



TIN No. 33915023027

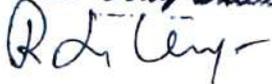
Plot No.32, (S.V.D.Nagar
Rajappa Nagar,
Kovil Pappakudi (P.o)
MADURAI - 625 018

Date: 05.09.2020

TO WHOM IT MAY CONCERN

This is to certify that **BHUVANESWARAN C** a student of BE (Mechanical Engineering-Third year) NPR college of Engineering & Technology, Natham, Dindigul, India has successfully completed INPLANT TRAINING (31.08.2020 to 05.09.2020) at this **OSHO BODY BUILDERS, MADURAI**. During the period of his INPLANT TRAINING with us, he was found Punctual, Hardworking and Inquisitive.

For

For Osho Body Builders

Manager.


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

ELEGANCE IN SHAPE AND EXCELLENCE IN QUALITY IS OUR WATCH WORD

Date: 02.09.2020

To

The Principal
NPR College of Engineering & Technology
Natham
Dindigul-624 401.

Sir,

Sub: Acceptance Letter for In-plant Training – reg.

Ref: Your letter dated on 27.08.2020

This is to confirm that Mani Vannan V, Srivel A, Syed Akmal M, Jeeva Kallidas S of III Year Mechanical Engineering students have been offered In-plant Training from 07.09.2020 to 11.09.2020.

All the time of reporting the above said students need to produce their bonafide certificate.


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

For BNAZRUM AGRO EXPORTS (P) LTD.,



(A.M. Yusuf Ansari)
General Manager



100 % E.O.U



Date: 11.09.2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. MANI VANNAN V**, III year Mechanical Engineering of NPR college of Engineering & Technology, Natham, Dindigul, has successfully completed Five days inplant training from 07.09.2020 to 11.09.2020 in our organization. During this period, he was sincere, enthusiastic and hard working.


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

For BNAZRUM AGRO EXPORTS (P) LTD.,



(A.M. Yusuf Ansari)
General Manager



100 % E.O.U



Ayyamar Thurai

Web : oshobodybuilders.in
E.mail : osho.oshos@gmail.com
Ph : 0452 - 6562250

Cell : 98426 - 32220
98430 - 83074



TIN No 33915023027

Plot No 32, (S.V.D Nagar)
Rajappa Nagar,
Kovil Pappakudi (P o)
MADURAI - 625 018

Date: 08.07.2021

To

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

Sir,

Sub: letter of Acceptance for In-plant Training - reg.

Ref: Your letter dated on 01.07.2021.

With reference to above **ASWINBALAJI S, GOWTHAMAN M, MOHANA RAGUL P, RAMAKRISHNAN B, SANGARAN S** of III year Mechanical Engineering students from your institution has been offered Internship from 13.07.2021 to 19.07.2021.

For OSHA BODY BUILDERS

For Osho Body Builders


Manager.


Dr. J.SUNDARARAJAN,

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

Principal

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

ELEGANCE IN SHAPE AND EXCELLENCE IN QUALITY IS OUR WATCH WORD

Ayyanar Thunar

Web : oshobodybuilders.in
E.mail : osho.oshos5@gmail.com
Ph : 0452 - 6562250

Cell : 98425 - 32220
98430 - 83074



**ARAI ACCREDITED &
ISO CERTIFIED COMPANY**

TIN No. 33915023027

Plot No.32, (S V.D.Naga
Rajappa Nagar,
Kovil Pappakudi (P o)
MADURAI - 625 018

Date: 19.07.2021

TO WHOM IT MAY CONCERN

This is to certify that **ASWINBALAJI S** a student of BE (Mechanical Engineering-Third year) NPR college of Engineering & Technology, Natham, Dindigul, India has successfully completed INPLANT TRAINING (13.07.2021 to 19.07.2021) at this **OSHO BODY BUILDERS, MADURAI**. During the period of his INPLANT TRAINING with us, he was found Punctual, Hardworking and Inquisitive.

For

For Osho Body Builders


Manager.


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

ELEGANCE IN SHAPE AND EXCELLENCE IN QUALITY IS OUR WATCH WORD



Shumel Road, Rattipatti P.O.,
Eruduperal, Dindigul - 624 003,
Tamil Nadu, India.
GST No : 33AABCR2418B1ZJ
CIN : U05110TZ1995PTC008488
Phone : +91 451 2471572, 2470451
E-mail : accounts@bnazrum.com
Website : www.bnazrum.com

Date: 22.07.2021

To

The Principal
NPR College of Engineering & Technology
Natham
Dindigul-624 401.

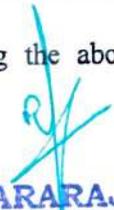
Sir,

Sub: Acceptance Letter for In-plant Training – reg.

Ref: Your letter dated on 14.07.2021

This is to confirm that Maha Lakshmi G, Nagaraj S, Raghulpandian B, Rakesh S, Shobana K of III Year Mechanical Engineering students have been offered In-plant Training from 28.07.2021 to 03.08.2021.

All the time of reporting the above said students need to produce their bonafide certificate.


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

For BNAZRUM AGRO EXPORTS (P) LTD.,


(A.M. Yusuf Ansari)
General Manager



100 % E.O.U





Srimatal Road, Rattipatti P.O.,
Erudatepural, Dindigul - 624 003,
Tamil Nadu, India.
GST No : 33AASC8241681ZJ
CIN : U05110TZ1998PTC008488
Phone : +91 451 2471572, 2470454
E-mail : accounts@bnazrum.com
Website : www.bnazrum.com

Date: 03.08.2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. MAHA LAKSHMI G III year Mechanical Engineering of NPR college of Engineering & Technology, Natham, Dindigul, has successfully completed Six days inplant training from 28.07.2021 to 03.08.2021 in our organization. During this period, he was sincere, enthusiastic and hard working.


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

For BNAZRUM AGRO EXPORTS (P) LTD.,


(A.M. Yusuf Ansari)
General Manager



100 % E.O.U





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



Sample Proof for Participative Learning

Guest Lectures

Workshops & Webinars

Add on Courses & Certificate Courses

NSS & YRC Programs

	<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: 04544-246500, 246501, 246502 Website: www.nprcolleges.org, www.nprcet.org, Email: nprcetprincipal@nprcolleges.org </p>	
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GUEST LECTURE

Event Organized by	CIVIL NPRCET
Name of the Event	GUEST LECTURE on “SOIL MECHANICS AND FOUNDATION ENGINEERING”
Date of the Event	17.03.2021
Number of Students Participants	53
Venue	AC AUDITORIUM
Name of the Chief Guest	Mr.U.Umanath Research scholar- NIT Trichy



Inauguration of Guest Lecture by Mr.U.Umanath Research scholar - NIT Trichy on 17.03.2021

OUTCOME

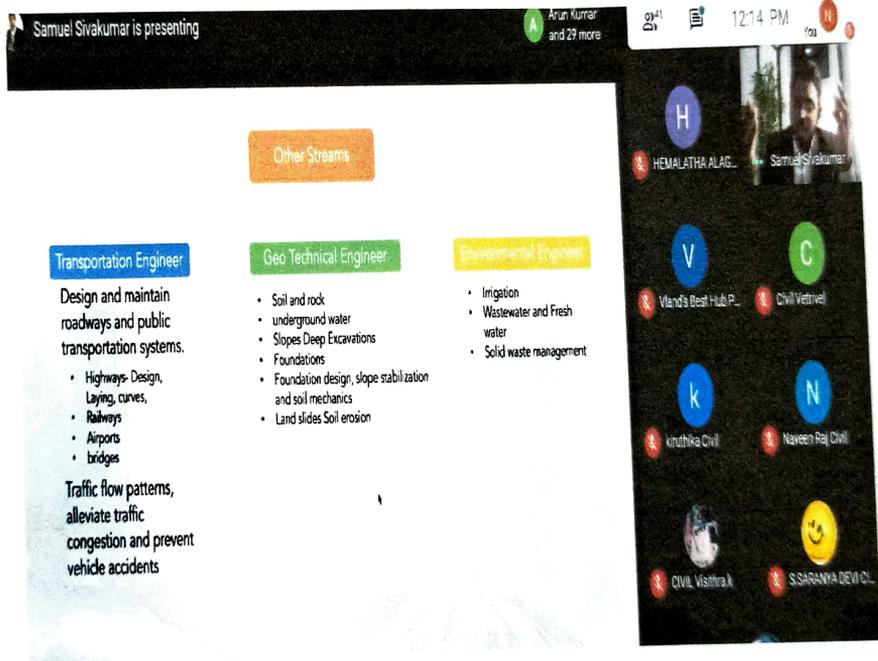
Students can able to understand and identify the Problems in the Field of Soil Mechanics and Foundation Engineering.



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ONLINE WEBINAR

Event Organized by	CIVIL NPRCET
Name of the Event	One day Webinar on “ Career Opportunities in Civil Engineering ”
Date of the Event	28.12.2020
Number of Students Participants	40
Online Platform	Google Meet
Name of the Resource Person	Er. Samuelsivakumar, Technical Manager, V Lands group, Puducherry



Samuel Sivakumar is presenting

12:14 PM

Other Streams

Transportation Engineer

Design and maintain roadways and public transportation systems.

- Highways- Design, Laying, curves,
- Railways
- Airports
- bridges

Traffic flow patterns, alleviate traffic congestion and prevent vehicle accidents

Geo Technical Engineer

- Soil and rock
- underground water
- Slopes Deep Excavations
- Foundations
- Foundation design, slope stabilization and soil mechanics
- Land slides Soil erosion

Environmental Engineer

- Irrigation
- Wastewater and Fresh water
- Solid waste management

Participants: HEMALATHA ALAG..., Samuel Sivakumar, Vland's Best HUB..., CIVIL Vetrivel, k... k... k... N... N..., CIVIL Visithra.k, SSARANYA DEVI CL.

Live Presentation to the Students by the Resource Person on 28.12.2020

OUTCOME

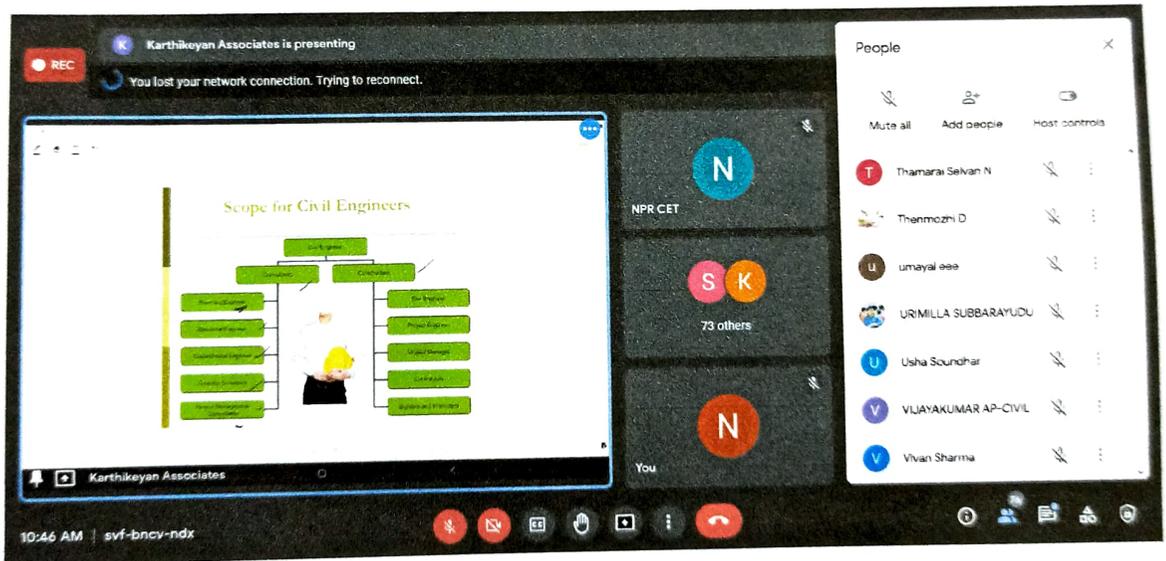
Students can be able to identify the different domains in civil engineering and the job opportunities in various public and private sectors.



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ONLINE WEBINAR

Event Organized by	CIVIL NPRCET
Name of the Event	Online Webinar on “ Employment Opportunities and Early Stage Entrepreneurs for Students in Civil Engineering ”
Date of the Event	11.06.2021
Number of Students Participants	75
Venue	Google Meet
Name of the Chief Guest	Er.A.Karthikeyan. M.E.,MIE.,MIGS Karthikeyan Associates Structural and Geo Technical Designer Chennai

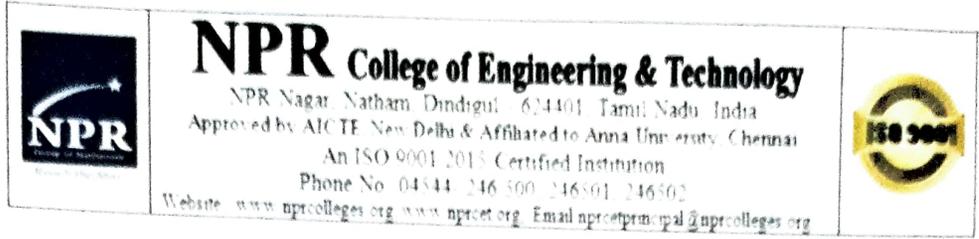


Our Chief Guest Er.A.Karthikeyan presenting the webinar in the title of “Employment Opportunities and Early Stage Entrepreneurs” on 11.06.2021

OUTCOME

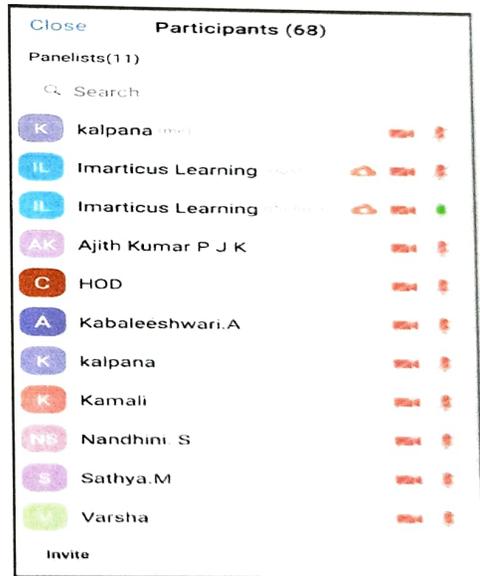
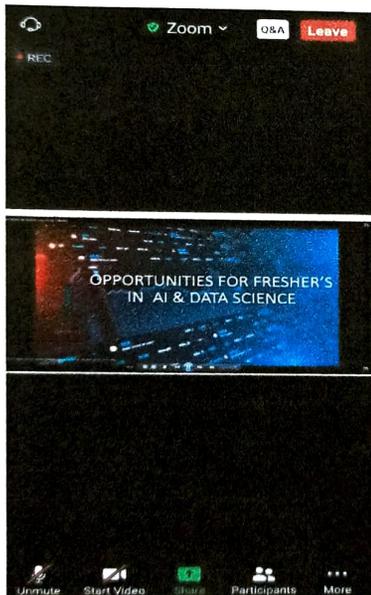
Students can be able to identify the job opportunities and various discipline in higher studies to upgrade their future.





ONLINE WEBINAR

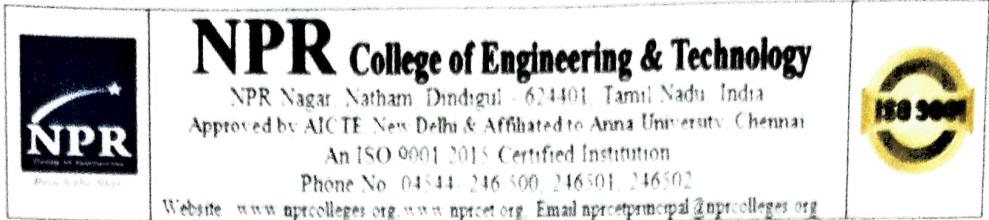
Event Organized by	CSE NPRCET
Name of the Event	Data Science Club Inauguration and Webinar on “ Opportunities for Fresher’s in the Data Analytics Industry ”
Date of the Event	24.12.2020
Number of Students Participants	65
Online Platform	ZOOM Application
Name of the Resource Person	Mr. Ahamed Khalid, Vice-President Imarticus Learning, Chennai



Live Inauguration and Presentation by our Data Science Club on 24.12.2020

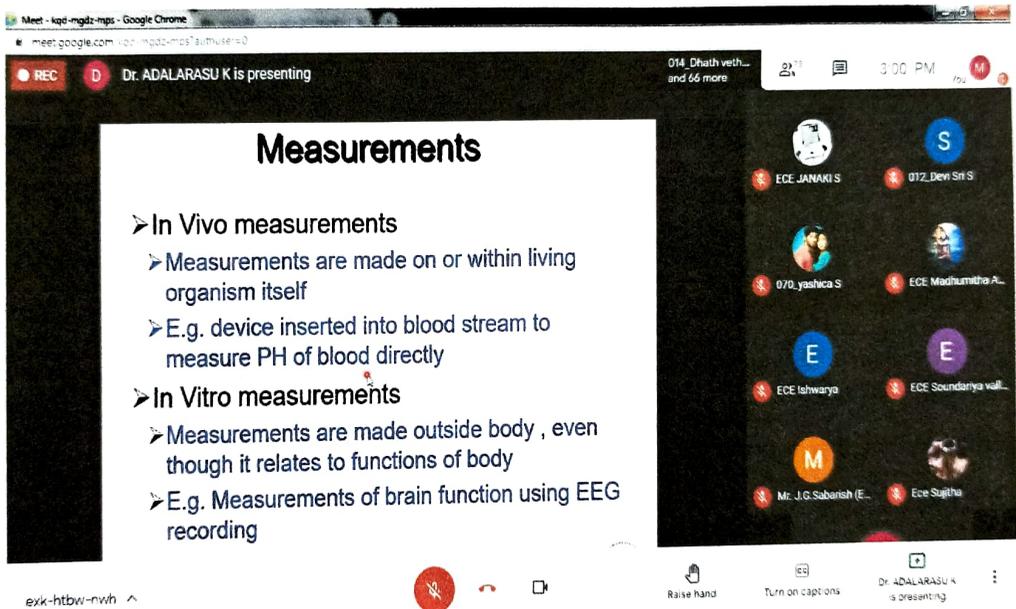
OUTCOME

Students can be able to improve the knowledge and know about the carrier opportunities in the field of Data Science.



ONLINE WEBINAR

Event Organized by	ECE NPRCET
Name of the Event	Webinar on Ideation Session on “Imaging devices in Healthcare”
Date of the Event	22.12.2020
Number of Students Participants	80
Online Platform	Google Meet
Name of the Resource Person	Dr.K.Adalarasu, Ph.D Associate professor, Shastra University, Thanjavur.

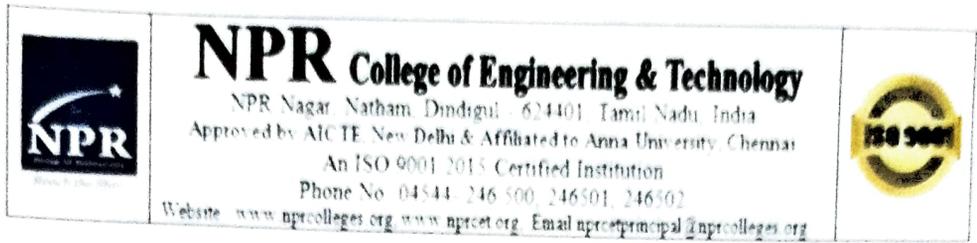


Live Presentation by our Resource Person on 22.12.2020 through Google Meet

OUTCOME

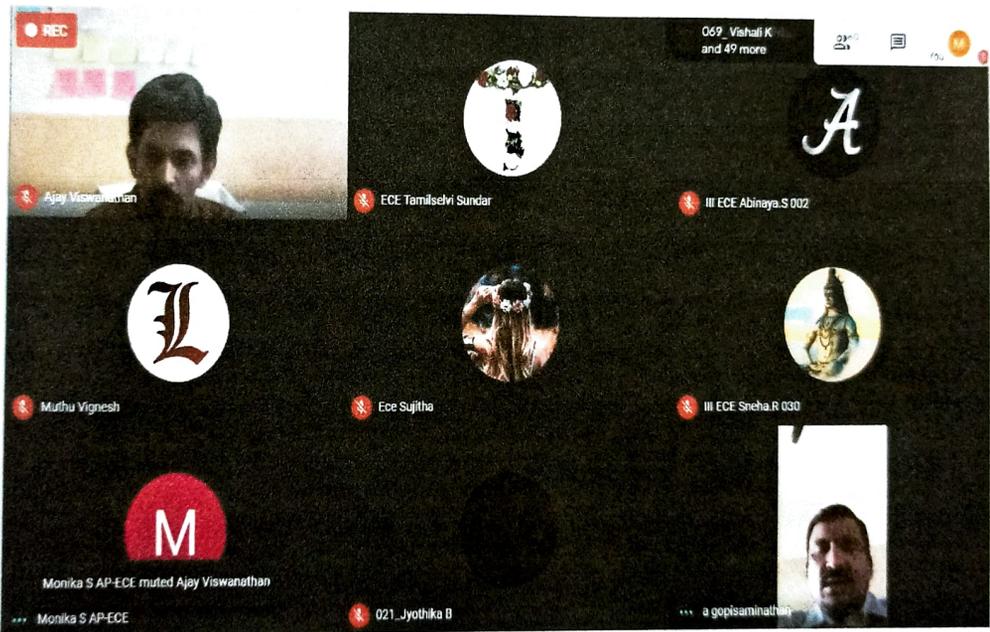
Students can able to learn the imaging devices in medical field and applications in health care.





ONLINE WEBINAR

Event Organized by	ECE NPRCET
Name of the Event	Webinar on “Live Session on Digital Marketing”
Date of the Event	23.12.2020
Number of Students Participants	65
Online Platform	Google Meet
Name of the Resource Person	Mr.Ajay Viswanathan , CEO & Founder Superfect Solutions,Chennai.



Live Session on Digital Marketing by our Resource Person on 23.12.2020

OUTCOME

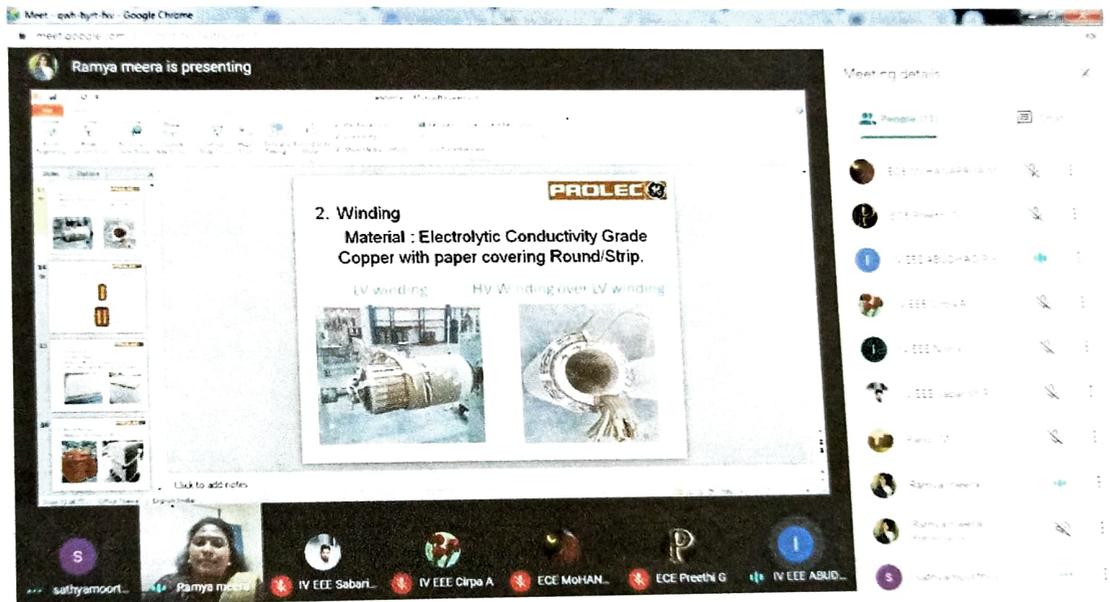
Students can able to know the different types of digital marketing and its benefits.



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ONLINE WEBINAR

Event Organized by	EEE NPRCET
Name of the Event	Webinar on "Problem Solving and Ideation of Transformers in Power Industry"
Date of the Event	31.12.2020
Number of Students Participants	45
Online Platform	Google Meet
Name of the Resource Person	Mrs. B. Ramya, Manager, ProlecGE, Chennai



Live Interaction with our students by our Resource Person on 31.12.2020

OUTCOME

Students can be able to know about the methods of solution to solve problems.



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ONLINE WEBINAR

Event Organized by	ECE NPRCET
Name of the Event	One day Webinar on “The Road Map to startup and funding opportunity for Entrepreneurs”
Date of the Event	12.06.21
Number of Students Participants	95
Online Platform	Google Meet
Name of the Resource Person	Mr. Balaji M Sundaram, Founder, Director & CEO, Grand Solar Pvt. Ltd, Chennai.



Online Presentation to the Students by the Resource Person on 12.06.21

Outcome

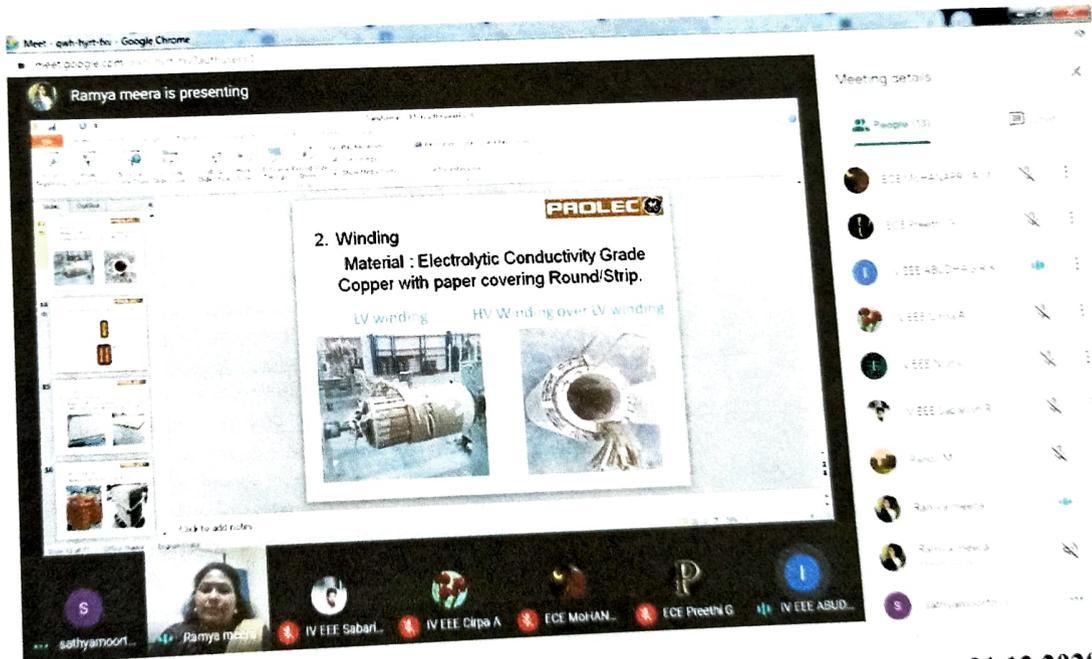
Students can be able to learn about the funding opportunity for Entrepreneurs



	<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: 04544-246500, 246501, 246502 Website: www.nprcolleges.org, www.nprcet.org, Email: nprcetprincipal@nprcolleges.org</p>		

ONLINE WEBINAR

Event Organized by	EEE NPRCET
Name of the Event	Online Webinar on "Problem Solving and Ideation of Transformers in Power Industry".
Date of the Event	31.12.2020
Number of Students Participants	65
Online Platform	Google Meet
Name of the Chief Guest	Mrs. Ramya Balasubramanian, Manager, Prolec GE, Chennai.



Live Presentation to the Students by the Resource Person on 31.12.2020

OUTCOME

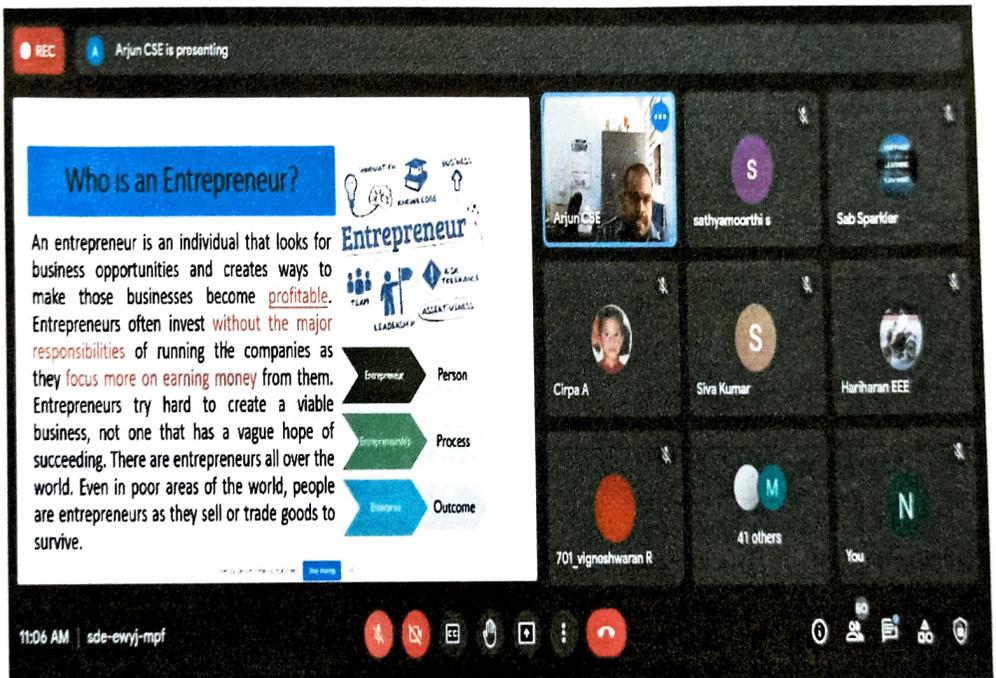
Students can understand the concepts about Transformers and it's winding in Power Industry



	<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: 04544-246500, 246501, 246502 Website: www.nprcolleges.org, www.nprcet.org, Email: nprcetprincipal@nprcolleges.org</p>		

ONLINE WEBINAR

Event Organized by	EEE NPRCET
Name of the Event	Online Webinar on “Orientation on the importance of innovation in Entrepreneurship”.
Date of the Event	08.06.2021
Number of Students Participants	50
Online Platform	Google Meet
Name of the Resource Person	Dr. P. Arjun, IIC- Innovation Ambassador, AP/CSE, University College of Engineering, Villupuram.



The screenshot shows a Google Meet interface. On the left, a presentation slide titled "Who is an Entrepreneur?" is displayed. The slide contains the following text:

An entrepreneur is an individual that looks for business opportunities and creates ways to make those businesses become **profitable**. Entrepreneurs often invest **without the major responsibilities** of running the companies as they **focus more on earning money** from them. Entrepreneurs try hard to create a viable business, not one that has a vague hope of succeeding. There are entrepreneurs all over the world. Even in poor areas of the world, people are entrepreneurs as they sell or trade goods to survive.

Below the text is a diagram with three arrows pointing right:

- Entrepreneur → Person
- Entrepreneurship → Process
- Entrepreneurship → Outcome

On the right side of the screen, a grid of participants is visible. The participants include Arjun CSE, sathyamoorthi s, Sab Sparkler, Cirpa A, Siva Kumar, Hariharan EEE, 701_vignashwaran R, 41 others, and You. The top left corner of the meeting shows "REC" and "Arjun CSE is presenting". The bottom left corner shows the time "11:06 AM" and the user ID "sde-ewvj-mpf".

Live Presentation to the Students by the Resource Person on 08.06.2021

OUTCOME

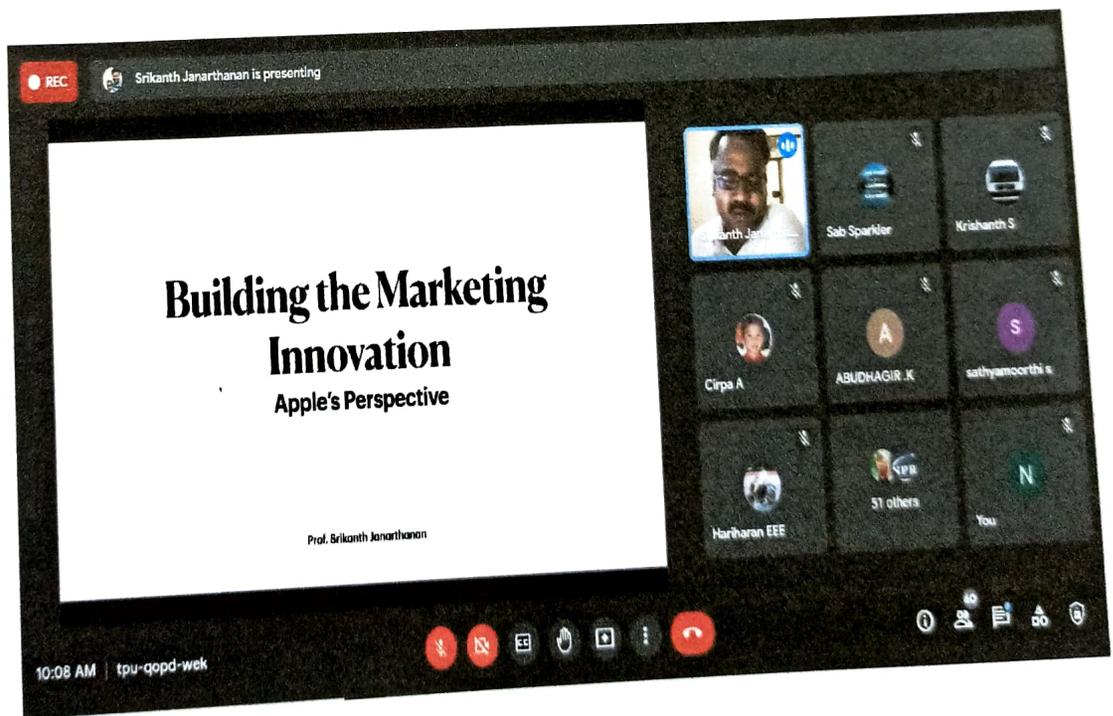
Students can able to understand the importance of Entrepreneurship.



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ONLINE WEBINAR

Event Organized by	EEE NPRCET
Name of the Event	Online Webinar on "Session on Building the Marketing Innovation"
Date of the Event	09.06.2021
Number of Students Participants	51
Online Platform	Google Meet
Name of the Resource Person	Prof. Srikanth Janarthanan, PortX LLP- Project manager, KG Information System Limited- Technical Consultant, GRADS LLP – Director & CEO.



Live Presentation to the Students by the Resource Person on 28.12.2020

OUTCOME

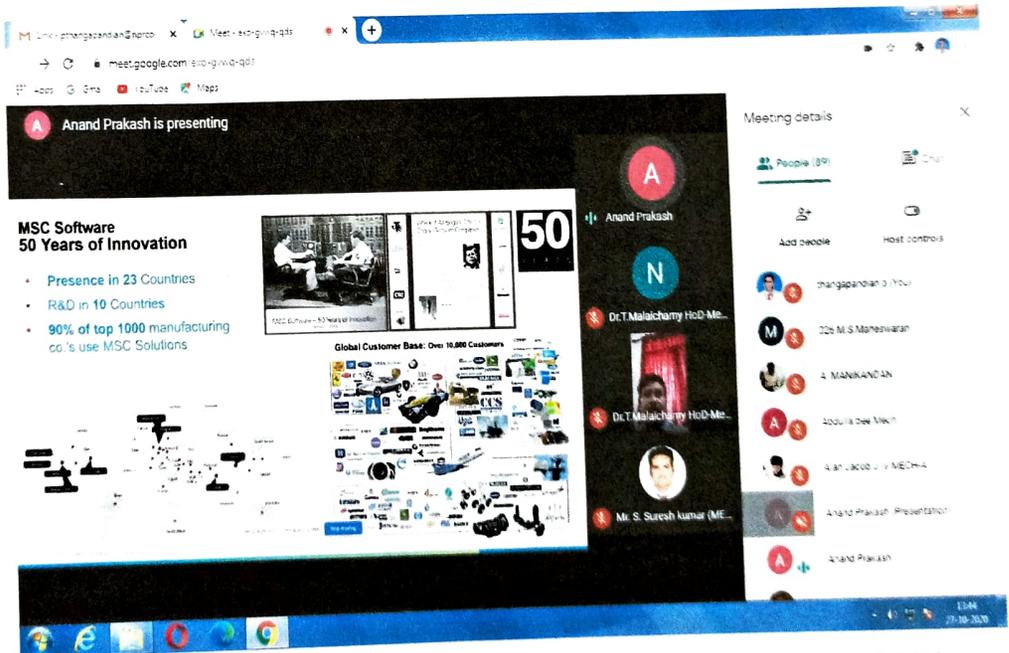
Students can understand the knowledge about Marketing and its innovation.



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ONLINE WEBINAR

Event Organized by	Department of Mechanical Engineering, NPRCET
Name of the Event	Webinar on “Advanced simulation techniques in Automotive Industry”
Date of the Event	27.10.2020
Number of Students Participants	78
Online Platform	Google Meet
Name of the Resource Person	Mr. Ananda Arul Prakasam Senior Technical Specialist, Automotive indo pacific MSC Software, Manufacturing intelligence division, Hexagon.



Live Presentation to the Students by the Resource Person on 27.10.2020

OUTCOME

Students learned about the advanced simulation techniques in Automotive Industry





NPR College of Engineering & Technology

NPR Nagar Natham Dindigul - 624401, Tamil Nadu, India

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Phone No. 04544-246500, 246501, 246502

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



ONLINE WEBINAR

Event Organized by	Department of Mechanical Engineering, NPRCET
Name of the Event	Webinar on “How to plan for startups and Ethical Steps”
Date of the Event	10.06.2021
Number of Students Participants	40
Online Platform	Google Meet
Name of the Resource Person	Er.Dineshkarnan, Tripple Point, Learnovative solution Madurai

Live Presentation to the Students by the Resource Person on 10.06.2021

OUTCOME

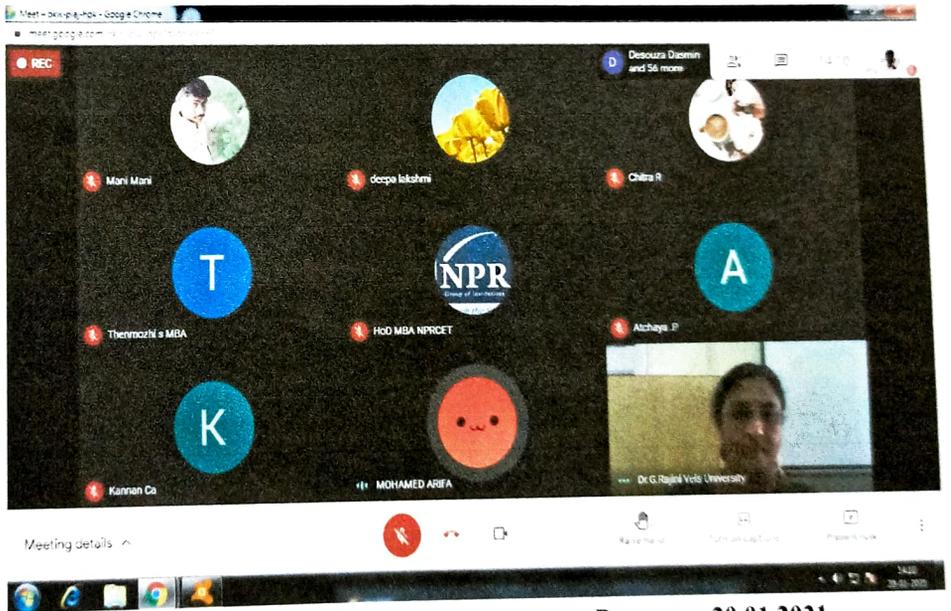
Students learned about the startups and Ethical Steps of the entrepreneurship.



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ONLINE WEBINAR

Event Organized by	MBA NPRCET
Name of the Event	Webinar on “ Best business Plan implement in Rural Entrepreneurship ”
Date of the Event	20.01.2021
Number of Students Participants	55
Online Platform	Google Meet
Name of the Chief Guest	Dr.G.Rajini , MBA.,Ph.D., Member, MGNCRE Prof.Chethan Chittalkar, Director, MGNCRE



Hands-on Session to the Students by the Resource Person on 20.01.2021

OUTCOME

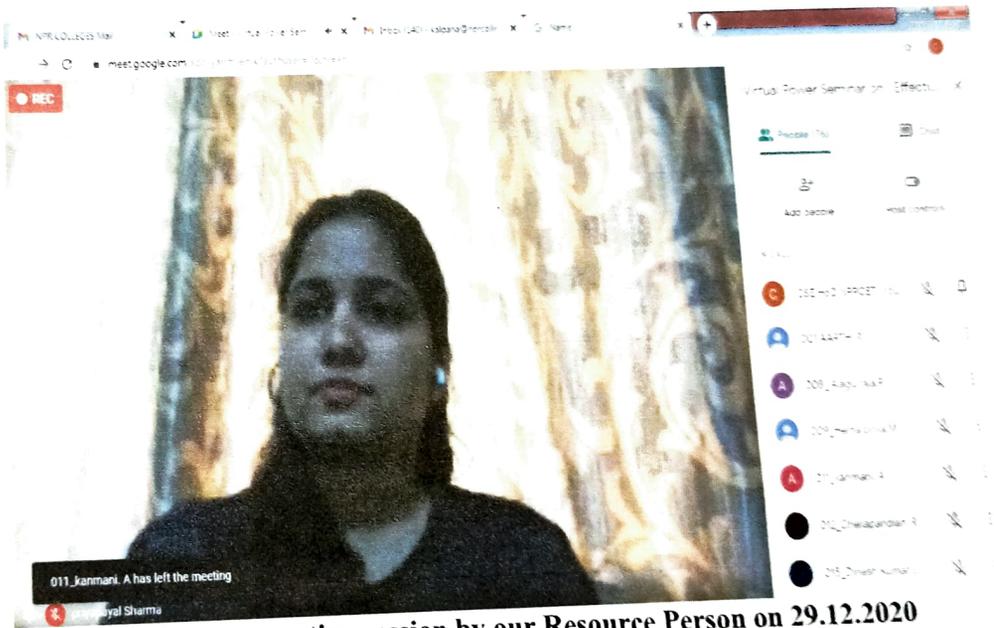
Students can able to understand the concept of making business plan in current situation to the students.



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VIRTUAL POWER SEMINAR

Event Organized by	CSE NPRCET
Name of the Event	Virtual Power Seminar on “Effective Skill Development Methods”
Date of the Event	29.12.2020
Number of Students Participants	75
Online Platform	Google Meet
Name of the Resource Person	Ms. PriyaPayal D Sharma, HR Business Partner, State Street HCL Services.



Live Interaction session by our Resource Person on 29.12.2020

OUTCOME

Students can be able to improve the knowledge and skills of software developers, managers must focus on learning methods that engage a developer's problem-solving abilities.



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SEMINAR

Event Organized by	ECE NPRCET
Name of the Event	One day seminar on “Process Design & Development of Raspberry pi using Python”
Date of the Event	19.03.2021
Number of Students Participants	150
Venue	AC Auditorium
Name of the Resource Person	Mr.K. Baskar, Boss360CreativePrivate, Pondicherry.

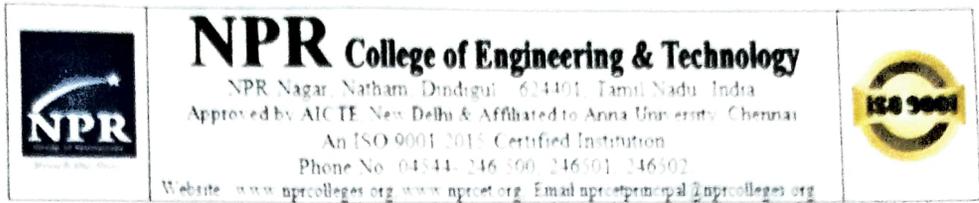


Inauguration of Seminar by Mr.K. Baskar Resource Person on 19.03.2021

OUTCOME

Students can understand the concepts related to their projects and placement activities.





WORKSHOP

Event Organized by	Department of Mechanical Engineering, NPRCET
Name of the Event	One day workshop on “Recent Advancement in Industrial Instrumentation”.
Date of the Event	04.05.2021
Number of Students Participants	45
Venue	Google meet
Name of the Resource Person	Mr.S.Suresh, chief Executive, MSV Automation Pvt, Madurai



Live Presentation to the Participants by the Resource Person on 04.05.2021

OUTCOME

Students learned about the Recent Advancement in Industrial Instrumentation.



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ALUMNI INTERACTION

Event Organized by	CIVIL NPRCET
Name of the Event	Programme on "ALUMNI INTERACTION WITH STUDENTS"
Date of the Event	09.03.2021
Number of Students Participants	53
Venue	NPRCET Rear Block Seminar Hall.
Name of the Chief Guest	Mr.R.Balasundar, NPRCET Civil Alumni (2010-2014) Registered Engineer Grade -II, Town Planning, Dindigul District, Tamilnadu, India



Mr. R. Balasundar, presentation on Government exams preparation on 09.03.2021

OUTCOME

Students can understand the concept of Quality policy and Estimation in public and private sectors.

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ALUMNI INTERACTION PROGRAM

Event Organized by	CSE NPRCET
Name of the Event	Alumni Interaction Program
Date of the Event	04.02.2021
Number of Students Participants	118
Venue	NPRGI AC Auditorium
Name of the Alumni	Mr.R.Arun CRM Programmer, Southern Cross Group India pvt. Ltd, Chennai.

PHOTO GALLERY



Interaction session with the students by our Alumni of CSE Department on 04.02.2021

Outcome: Students learned about the latest technology used in IT companies through Alumni Interaction Program





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ALUMNI INTERACTION PROGRAM

Event Organized by	ECE NPRCET
Name of the Event	Alumni Interaction Program
Date of the Event	18.03.2021
Number of Students Participants	105
Venue	NPRCET Seminar Hall
Name of the Alumni	Er. R. Akshara Devi, Testing Engineer, Tescom, Bangalore.

PHOTO GALLERY



Chief Guest Addressing

Outcome:

- Helpful to create awareness about Tescom company
- Helpful to improve their practical knowledge



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ALUMNI INTERACTION PROGRAM

Event Organized by	EEE NPRCET
Name of the Event	Alumni Interaction Program
Date of the Event	03.12.2020
Number of Students Participants	43
Venue	NPRCET Seminar Hall
Name of the Alumni	Mr.S.Bharathi, (Alumni 2016-2020 Batch) Electrical Maintenance Engineer RR Infra Constructions,Dindigul

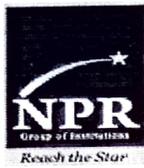


Interaction session with the students by our Alumni of EEE Department on 03.12.2020

OUTCOME

Students can get more knowledge about the importance of placement and government job opportunities.





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DEPARTMENT OF CIVIL ENGINEERING ADD ON COURSE ON COST ENGINEERING COURSE SCHEDULE

Mode-Online (Google meet) - <https://meet.google.com/utm-ercd-gqi>

Date: 30.11.2020

Day 1 30.11.2020	9.30 A.M – 10.00 A.M	Inauguration-Dr.J.Sundararajan,Principal,NPRCET	
	10.00 A.M - 11.30 A.M	Session 1	Construction Project, Project Life Cycle types of Contracts Mrs.C.Selvi,Assistant Professor
	11.30 A.M to 11.45 A.M	<i>Tea Break</i>	
	11.45 A.M to 1.15 P.M	Session 2	Quantity Takeoff, Production Rates Mr.K.Shanthakumar,Assistant Professor
	1.15 P.M to 2.00 P.M	<i>Lunch Break</i>	
	2.00 P.M to 3.30 P.M	Session 3	Estimating ,An Estimator ,Purpose of Estimating Construction Project Costs Mr.K.Selvam,AP-Civil
	3.30 P.M to 3.45 P.M	<i>Tea Break</i>	
	3.45 P.M to 4.45 P.M	Session 4	Types of Cost Estimating Mr.K.Shanthakumar,Assistant Professor

Day 2 01.12.2020	9.00 A.M –11.30 A.M	Session 1	QUANTITY TAKE-OFF,Importance of Quantity Takeoff and Required Documents,Contract documents,Quantity take-off: Why? Mr.K.Shanthakumar,Assistant Professor
	11.30 A.M to 11.45 A.M	<i>Tea Break</i>	
	11.45 A.M to 1.15 P.M	Session 2	Quantity Development ,Bill of Quantities Mr.K.Selvam,AP-Civil
	1.15 P.M to 2.00 P.M	<i>Lunch Break</i>	
	2.00 P.M to 3.30 P.M	Session 3	Measurement Practice ,Earth works,Concrete works Mr.K.Shanthakumar,Assistant Professor
	3.30 P.M to 3.45 P.M	<i>Tea Break</i>	
3.45 P.M to 4.15 P.M	Session 4	Brick works ,Plastering Mr.K.Selvam,AP-Civil	



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Day 3 02.12.2020	9.00 A.M –11.30 A.M	Session 1	Conceptual cost estimating Mr.K.Selvam,AP-Civil
	11.30 A.M to 11.45 A.M		<i>Tea Break</i>
	11.45 A.M to 1.15 P.M	Session 2	Conceptual Cost Estimating Output ,Broad Scope of Conceptual Estimates ,Conceptual Estimate Adjustment ,Adjustment for time ,Adjustment for location,Adjustment for size,Combined adjustment Mr.K.Shanthakumar,Assistant Professor
	1.15 P.M to 2.00 P.M		<i>Lunch Break</i>
	2.00 P.M to 3.30 P.M	Session-3	Combined adjustment ,Conceptual Estimating. Techniques ,Interpolation,Unit method,Superficial method,Approximate quantities Mr.K.Selvam,AP-Civil
	3.30 P.M to 3.45 P.M		<i>Tea Break</i>
	3.45 P.M to 4.15 P.M	Session 4	Parametric Cost Estimate Models Mr.K.Shanthakumar,Assistant Professor

Day 4 03.12.2020	9.00 A.M –11.30 A.M	Session 1	Cost of construction labor and equipment, Preparing the Detailed Estimate,Sources of Cost Information,Construction Labor Mr.K.Selvam,AP-Civil
	11.30 A.M to 11.45 A.M		<i>Tea Break</i>
	11.45 A.M to 1.15 P.M	Session 2	Labor s production rates (Productivity),Productivity sources,Estimating work duration,Basic principle for estimating labor costs Mr.K.Shanthakumar,Assistant Professor
	1.15 P.M to 2.00 P.M		<i>Lunch Break</i>
	2.00 P.M to 3.30 P.M	Session 3	Labor s production rates (Productivity) 4.4.2 Factors influencing equipment selection Mr.K.Selvam,AP-Civil
	3.30 P.M to 3.45 P.M		<i>Tea Break</i>
	3.45 P.M to 4.15 P.M	Session 4	Construction Equipment,Renting versus purchasing equipment,Time-value of money Mr.K.Shanthakumar,Assistant Professor



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Day 5 04.12.2020	9.00 A.M –11.30 A.M	Session 1	Estimating work items costs, indirect costs, markup and contract pricing, Estimating Work Items Cost Mr.K.Selvam,AP-Civil
	11.30 A.M to 11.45 A.M		<i>Tea Break</i>
	11.45 A.M to 1.15 P.M	Session 2	Swell and compaction factors ,Calculating truck requirements, Waste factor Mr.K.Shanthakumar,Assistant Professor
	1.15 P.M to 2.00 P.M		<i>Lunch Break</i>
	2.00 P.M to 3.30 P.M	Session 3	Estimating Indirect Cost Mr.K.Selvam,AP-Civil
	3.30 P.M to 3.45 P.M		<i>Tea Break</i>
	3.45 P.M to 4.15 P.M	Session 4	Site overheads ,General overheads, Mr.K.Shanthakumar,Assistant Professor
	4.00 P.M to 4.15 P.M		Valedictory

P. Manoj
PROGRAM
COORDINATOR

V. Ananthan
HoD-CIVIL



[Signature]
IQAC

[Signature]
PRINCIPAL

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

Dr. J.SUNDARAJAN,
 B.E., M.Tech., Ph.D.,
 Principal
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DEPARTMENT OF CIVIL ENGINEERING

ADD ON COURSE on "COST ENGINEERING"

COURSE COMPLETION CERTIFICATE

This is to certify that of HARIHARAN.S-920817103021-IV-
CIVIL has Successfully completed the Add on Course "**COST**
ENGINEERING" held on 30.11.2020 to 04.12.2020-30 Hours.

HOD



Dr. J.SUNDA
S.E.

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DEPARTMENT OF CIVIL ENGINEERING

ADD ON COURSE on "COST ENGINEERING"

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Dr. J.SUNDA

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

PRINCIPAL



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DEPARTMENT OF CIVIL ENGINEERING

ADD ON COURSE ON 3D MODELLING BY BUILDING INFORMATION MODELLING

Course Schedule

Date: 29.03.2021

Mode : Online Mode

Google meet Link : <https://meet.google.com/ufe-sycu-zfo>

Day 1 02.04.2021	9.00 a.m. – 9.30 a.m.	Inauguration- Dr.J.Sundararajan,Principal,NPRCET	
	10.00 a.m - 11.30 a.m.	Session 1	Introduction-About BIM-Introduction to Autodesk Revit Architecture-Revit File Types Mr.Samuel sivakumar,Vlands best hub.
	11.30 a.m. to 11.45 a.m.	<i>Tea Break</i>	
	11.45 a.m. to 1.15 p.m.	Session 2	Exploring User Interface-Building Elements-Starting a New Project Mrs.S.Premasundari,Assistant Professor
	1.15 p.m. to 2.00 p.m.	<i>Lunch Break</i>	
	2.00 p.m. to 3.30 p.m.	Session 3	Drawing Plan as per Dimension-Drawing Aids, Project Units-Levels,Adding Levels Mr.P.Manikandan,AssistantProfessor
	3.30 p.m. to 3.45 p.m.	<i>Tea Break</i>	
	3.45 p.m. to 4.45 p.m.	Session 4	Modifying Levels,Creating Level Head-Constrain Levels,Grids-Walls,Create New Wall type-Location Line,Walljoins,Compound Wall Mrs.S.Premasundari,Assistant Professor

Day 2 09.04.2021	9.00 a.m. – 11.30 a.m.	Session 1	More in Depth –Wall,Modify walls-Wall layer wrapping,Stacked wall. Mr.Samuel sivakumar,Vlands best hub.
	11.30 a.m. to 11.45 a.m.	<i>Tea Break</i>	
	11.45 a.m. to 1.15 p.m.	Session 2	Vertically compound Wall, Wall shapes and Openings-Wall sweeps and Reveals, Construction Modeling Tools, Parts, Assemblies. Mrs.S.Premasundari,Assistant Professor
	1.15 p.m. to 2.00 p.m.	<i>Lunch Break</i>	
	2.00 p.m. to 3.30 p.m.	Session 3	Modify Tools, Move, Copy, Create Similar-Rotate, Mirror, Array,Scale,Split Element Mr.Samuel sivakumar,Vlands best hub.
	3.30 p.m. to 3.45 p.m.	<i>Tea Break</i>	
	3.45 p.m. to 4.45 p.m.	Session 4	Trim, Align, Offset-Pin, Unpin, Doors-Windows, Keyboard Shortcuts Mr.P.Manikandan,AssistantProfessor



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Day 3 16.4.2021	9.00 a.m. – 11.30 a.m.	Session 1	3D Modeling-Floor,Adding Floor-Sloped Floor,Floor Slab Edge-Ceiling,Create Ceiling Components, Working with Modern Medium Library Mr.Samuel sivakumar,Vlands best hub.
	11.30 a.m. to 11.45 a.m.	<i>Tea Break</i>	
	11.45 a.m. to 1.15 p.m.	Session 2	3D Modeling-Roof,Creating Roof-Modifying Roof,Shape editing for Roofs and Floors-Roof Soffit,Roof Fascia-Roof Gutter,Openings-Opening on face and Vertical Opening-Wall opening,Shaftopening,Dormer Opening Mr.P.Manikandan,AssistantProfessor
	1.15 p.m. to 2.00 p.m.	<i>Lunch Break</i>	
	2.00 p.m. to 3.30 p.m.	Session 3	Documentation-Dimensions-Temporary DimensionsPermanent Dimensions-Modifying Dimensions Mr.Samuel sivakumar,Vlands best hub.
	3.30 p.m. to 3.45 p.m.	<i>Tea Break</i>	
	3.45 p.m. to 4.45 p.m.	Session 4	Managing Views-Creating views,Plan views-View range,Plan region-Elevation,Section,3D Views,Lock 3D view-Background,CroppingView,Visibility or Graphics-View Templates,DuplicateViews.Visual Styles-Filter,Graphic Display Options Mr.P.Manikandan,AssistantProfessor

Day 4 23.04.2021	9.00 a.m. – 11.30 a.m.	Session 1	Curtain Wall-Adding Curtain Grids-Mullions-Reshaping Curtain Wall Panels Mr. K. Karuppasamy,AssistantProfessor,NPRCET
	11.30 a.m. to 11.45 a.m.	<i>Tea Break</i>	
	11.45 a.m. to 1.15 p.m.	Session 2	Curtain Wall-Adding Curtain Door to panel-Embedded Walls Mr.P.Manikandan,AssistantProfessor
	1.15 p.m. to 2.00 p.m.	<i>Lunch Break</i>	
	2.00 p.m. to 3.30 p.m.	Session 3	Stair-Stair by component-Creating stair by sketching-Customizing stair documentation-Stair calculator-Modify stair railings Mr. K. Karuppasamy,AssistantProfessor,NPRCET
	3.30 p.m. to 3.45 p.m.	<i>Tea Break</i>	
	3.45 p.m. to 4.45 p.m.	Session 4	Stair-Ramp-Railings-Add railings-Add railings by sketching-Modify railing-Modifying continuous rail Mr.P.Manikandan,AssistantProfessor



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Day 5 30.4.2021	9.00 a.m. – 11.30 a.m.	Session 1	Conceptual Modeling-Massing, In place Mass-Forms, Modify Forms-Rationalizing Surface,Splitting Faces -Paint Tool,Placing Mass Instances from Mass Family-Face based Modeling,Conceptual Energy Analysis Mr.Samuel sivakumar,Vlands best hub.
	11.30 a.m. to 11.45 a.m.	<i>Tea Break</i>	
	11.45 a.m. to 1.15 p.m.	Session 2	Conceptual Modeling-Choosing location, Energy settings-Enable energy model, Run energy simulation-Results and compare, Hands on-Customizing form rationalization-Display styles for analysis add in application-Controlling visibility of mass instances Mr.P.Manikandan,AssistantProfessor
	1.15 p.m. to 2.00 p.m.	<i>Lunch Break</i>	
	2.00 p.m. to 3.30 p.m.	Session 3	Documentation-Text,Adding text notes-Modify text notes,Model text-Tag, Tagtools,Applying tag by category-Tag all not tagged,Material Tag, Keynote,Types of Keynote-Placing Keynotes,Keynoting Settings-Custom Keynotes,Adding Keynote in 3D view Mr. K. Karuppasamy,AssistantProfessor,NPRCET
	3.30 p.m. to 3.45 p.m.	<i>Tea Break</i>	
	3.45 p.m. to 4.15 p.m.	Session 4	Valedictory-Dr.A.Hemalatha,HoD,Civil,NPRCET



HoD-CIVIL

Head of the Department

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

IQAC

Coordinator - IQAC

PRINCIPAL

Dr. J.SUNDARARAJAN,

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

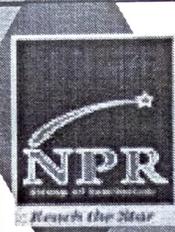
Principal

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PROGRAM
COORDINATOR

Coordinator - IQAC

(Prerna Sundar)



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CERTIFICATE OF PARTICIPATION

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NITHEESH KUMAR. A.R - 920819103301 - II - CIVIL ENGINEERING

has successfully completed the Add on Course Course on "3D MODELLING BY BUILDING INFORMATION MODELLING" held From 02.04.2021 to 30.04.2021 (32 Hours).



HOD-CIVIL
(Dr.A.Hemalatha)

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

PRINCIPAL
(Dr.J.Sundararajan)



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DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that

LOGESH-T-920817103026 - IV - CIVIL ENGINEERING

*has successfully completed the Add on Course Course on “3D
MODELLING BY BUILDING INFORMATION MODELLING” held
From 02.04.2021 to 30.04.2021 (32 Hours).*



HOD-CIVIL
(Dr.A.Hemalatha)

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

PRINCIPAL
(Dr.J.Sundararajan)



NPR College of Engineering & Technology

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

ADD – ON COURSE ON “AI POWERED CHATBOT”

COURSE SCHEDULE

Venue: Virtual Mode

Date: 13.08.2020

Google Meet - <https://meet.google.com/zzi-nveu-peg>

External Resource Person:

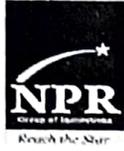
Internal Resource Person:

Mr.P.B.Ranjith Kumar

Mrs. C.Kalpana

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 1	Introduction to Chatbots Mr.P.B.Ranjith Kumar
	11.10 a.m. to 11.30 a.m.	<i>Tea Break</i>	
	11.30 a.m. to 1.10 p.m.	Session 2	What are chatbots? Mr.P.B.Ranjith Kumar
	1.10 p.m. to 2.00 p.m.	<i>Lunch Break</i>	
	2.00 p.m. to 3.40 p.m.	Session 3	The emergence of Messengers and AI Mrs. C.Kalpana
	3.40 p.m. to 3.50 p.m.	<i>Tea Break</i>	
	3.50 p.m. to 4.30 p.m.	Session 4	Who are chatbots for? Mr.P.B.Ranjith Kumar
Day 2 18.08.2020	9.30 a.m. to 11.10 a.m.	Session 1	The chatbot we're going to build Mr.P.B.Ranjith Kumar
	11.10 a.m. to 11.30 a.m.	<i>Tea Break</i>	
	11.30 a.m. to 1.10 p.m.	Session 2	Watson Assistant components. Mr.P.B.Ranjith Kumar
	1.10 p.m. to 2.00 p.m.	<i>Lunch Break</i>	
	2.00 p.m. to 3.40 p.m.	Session 3	Intents Mrs. C.Kalpana
	3.40 p.m. to 3.50 p.m.	<i>Tea Break</i>	
3.50 p.m. to 4.30 p.m.	Session 4	Entities Mr.P.B.Ranjith Kumar	
Day 3 19.08.2020	9.30 a.m. to 11.10 a.m.	Session 1	Dialog Mrs. C.Kalpana
	11.10 a.m. to 11.30 a.m.	<i>Tea Break</i>	
	11.30 a.m. to 1.10 p.m.	Session 2	Dos and Dont's of dialog design Mr.P.B.Ranjith Kumar
	1.10 p.m. to 2.00 p.m.	<i>Lunch Break</i>	
	2.00 p.m. to 3.40 p.m.	Session 3	Creating a workspace Mr.P.B.Ranjith Kumar
	3.40 p.m. to 3.50 p.m.	<i>Tea Break</i>	





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	3.50 p.m. to 4.30 p.m.	Session 4	Defining Chit Chat intents Mrs. C.Kalpana
Day 4 20.08.2020	9.30 a.m. to 11.10 a.m.	Session 1	Defining Domain-Specific intents Mr.P.B.Ranjith Kumar
	11.10 a.m. to 11.30 a.m.	Tea Break	
	11.30 a.m. to 1.10 p.m.	Session 2	Defining entities Mr.P.B.Ranjith Kumar
	1.10 p.m. to 2.00 p.m.	Lunch Break	
	2.00 p.m. to 3.40 p.m.	Session 3	The default Welcome and Anything else nodes Mrs. C.Kalpana
	3.40 p.m. to 3.50 p.m.	Tea Break	
	3.50 p.m. to 4.30 p.m.	Session 4	Creating Chit Chat dialog Mrs. C.Kalpana
	Day 5 21.08.2020	9.30 a.m. to 11.10 a.m.	Session 1
11.10 a.m. to 11.30 a.m.		Tea Break	
11.30 a.m. to 1.10 p.m.		Session 2	Handling complex dialog flow Mrs. C.Kalpana
1.10 p.m. to 2.00 p.m.		Lunch Break	
2.00 p.m. to 3.40 p.m.		Session 3	Trying out and exporting our chatbot Mr.P.B.Ranjith Kumar
3.40 p.m. to 3.50 p.m.		Tea Break	
3.50 p.m. to 4.30 p.m.		Session 4	Deploying our chatbot on WordPress Mrs. C.Kalpana

PROGRAM
COORDINATOR
AP-CSE

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

MoD/CSE
Coordinator - IQAC

IQAC

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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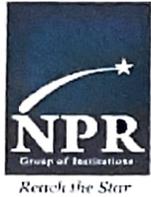
Ms.MONICA R (II Year)

*for completing Add-on Course on “AI POWERED CHATBOT” from
17.08.2020 to 21.08.2020.*


HoD/CSE
J.Viswanath


PRINCIPAL
Dr.J.Sundararajan

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Certificate of Completion

This certificate is presented to

Mr.CHANDRU R (III Year)

*for completing Add-on Course on “AI POWERED CHATBOT” from
17.08.2020 to 21.08.2020.*


HOD/CSE
J.Viswanath


PRINCIPAL
Dr.J.Sundararajan



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
ADD-ON COURSE ON “APPLIED DATA SCIENCE WITH PYTHON SPECIALIZATION”
COURSE SCHEDULE

Venue:CSE MainLab

Date:16.02.2021

External Resource Person:

Internal Resource Person:

Dr.B.Ezhilavan

Mrs.J.Prisca Mary

Day 1 22.02.2021	9.30 a.m. to 10.00 a.m.	Inauguration	
	10. 00 a.m. to 11.10 a.m.	Session 1	Environment set-up Dr.B.Ezhilavan
	11.10 a.m. to 11.30 a.m.	<i>Tea Break</i>	
	11.30 a.m. to 1.10 p.m.	Session 2	Jupyter overview Dr.B.Ezhilavan
	1.10 p.m. to 2.00 p.m.	<i>Lunch Break</i>	
	2.00 p.m. to 3.40 p.m.	Session 3	Python Numpy Mrs.J.Prisca Mary
	3.40 p.m. to 3.50 p.m.	<i>Tea Break</i>	
	3.50 p.m. to 4.30 p.m.	Session 4	Python Pandas,Python Matplotlib Dr.B.Ezhilavan
Day 2 23.02.2021	9.30 a.m. to 11.10 a.m.	Session 1	An introduction to R Dr.B.Ezhilavan
	11.10 a.m. to 11.30 a.m.	<i>Tea Break</i>	
	11.30 a.m.to 1.10 p.m.	Session 2	Data structures in R Mrs.J.Prisca Mary
	1.10 p.m. to 2.00 p.m.	<i>Lunch Break</i>	
	2.00 p.m. to 3.40 p.m.	Session 3	Data visualization with R Dr.B.Ezhilavan
	3.40 p.m. to 3.50 p.m.	<i>Tea Break</i>	
Day 3 24.02.2021	9.30 a.m. to 11.10 a.m.	Session 1	Important statistical concepts used in data science Dr.B.Ezhilavan
	11.10 a.m. to 11.30 a.m.	<i>Tea Break</i>	
	11.30 a.m. to 1.10 p.m.	Session 2	Difference between population and sample Dr.B.Ezhilavan
	1.10 p.m. to 2.00 p.m.	<i>Lunch Break</i>	
	2.00 p.m. to 3.40 p.m.	Session 3	Types of variables,Measures of variability Mrs.J.Prisca Mary
3.40 p.m. to 3.50 p.m.	<i>Tea Break</i>		





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	3.50 p.m. to 4.30 p.m.	Session 4	Measures of central tendency, Coefficient of variance Dr.B.Ezhilavan
Day 4 25.02.2021	9.30 a.m. to 11.10 a.m.	Session 1	Regression Dr.B.Ezhilavan
	11.10 a.m. to 11.30 a.m.		<i>Tea Break</i>
	11.30 a.m. to 1.10 p.m.	Session 2	ANOVA Dr.B.Ezhilavan
	1.10 p.m. to 2.00 p.m.		<i>Lunch Break</i>
	2.00 p.m. to 3.40 p.m.	Session 3	R square Mrs.J.Prisca Mary
	3.40 p.m. to 3.50 p.m.		<i>Tea Break</i>
	3.50 p.m. to 4.30 p.m.	Session 4	Correlation and causation Dr.B.Ezhilavan
Day 5 26.02.2021	9.30 a.m. to 11.10 a.m.	Session 1	Data visualization Dr.B.Ezhilavan
	11.10 a.m. to 11.30 a.m.		<i>Tea Break</i>
	11.30 a.m. to 1.10 p.m.	Session 2	Missing value analysis Dr.B.Ezhilavan
	1.10 p.m. to 2.00 p.m.		<i>Lunch Break</i>
	2.00 p.m. to 3.40 p.m.	Session 3	The correction matrix Dr.B.Ezhilavan
	3.40 p.m. to 3.50 p.m.		<i>Tea Break</i>
	3.50 p.m. to 4.30 p.m.	Session 4	Outlier detection analysis Dr.B.Ezhilavan

V.SMT
PROGRAM
COORDINATOR

Y.SUJITHA
AP/CSE

[Signature]
HOD/CSE

Head of the Department

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

[Signature]
IQAC

Coordinator - IQAC

[Signature]
PRINCIPAL

Dr. J.SUNDARAJAN,

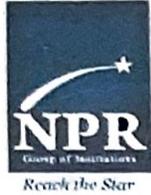
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Department of Computer Science and Engineering Certificate of Completion

This certificate is presented to

----- Mr. ARAVIND. B (II YEAR) -----

*for completing Add-on Course on “**APPLIED DATA SCIENCE WITH PYTHON SPECIALIZATION**” from 22.02.2021 to 27.02.2021.*


HOD/CSE
J.Viswanath


PRINCIPAL
Dr.J.Sundararajan

NPR COLLEGE OF ENGINEERING & TECHNOLOGY



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Department of Computer Science and Engineering Certificate of Completion

This certificate is presented to

----- Ms. NANDHINI S (II YEAR) -----

*for completing Add-on Course on “**APPLIED DATA SCIENCE WITH PYTHON SPECIALIZATION**” from 22.02.2021 to 27.02.2021.*


HoD/CSE
J.Viswanath


PRINCIPAL
Dr.J.Sundararajan



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ADD ON COURSE ON PCB DESIGN USING PSPICE

COURSE SCHEDULE

Mode-Online (Google meet): <https://meet.google.com/gyg-ykng-pbx>

Date: 14.08.2020

EXTERNAL RESOURCE PERSON:
 1 Mr.S.Mervin Prasanth

INTERNAL RESOURCE PERSONS:
 1.Mr.J.G.Sabarish,AP-ECE
 2.Mrs.C.Kannika Parameshwari,AP-ECE

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 1	Fundamentals of circuit design & Creating New Components Mr.S.Mervin Prasanth
	11.10 a.m. to 11.30 a.m.	<i>Tea Break</i>	
	11.30 a.m. to 1.10 p.m.	Session 2	Introduction to Analog Circuit Design & Introduction to Digital Circuit Design Mr.J.G.Sabarish
	1.10 p.m. to 2.00 p.m.	<i>Lunch Break</i>	
	2.00 p.m. to 3.40 p.m.	Session 3	Placing Symbols and Ports & Labeling components Mrs.C.Kannika Parameshwari
	3.40 p.m. to 3.50 p.m.	<i>Tea Break</i>	
	3.50 p.m. to 4.30 p.m.	Session 4	Circuit optimization Mr.S.Mervin Prasanth

Day 2 18.08.2020	9.30 a.m.to 11.10 a.m.	Session 1	Creating the Blank PCB Mr.S.Mervin Prasanth
	11.10 a.m. to 11.30 a.m.	<i>Tea Break</i>	
	11.30 a.m. to 1.10 p.m.	Session 2	Defining a sheet template Mr.J.G.Sabarish
	1.10 p.m. to 2.00 p.m.	<i>Lunch Break</i>	
	2.00 p.m. to 3.40 p.m.	Session 3	Printed Circuit Technology Mr.J.G.Sabarish
	3.40 p.m. to 3.50 p.m.	<i>Tea Break</i>	
	3.50 p.m. to 4.30 p.m.	Session 4	PCB Printing & Etching process Mrs.C.Kannika Parameshwari





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Day 3 19.08.2020	9.30 a.m.to 11.10 a.m.	Session 1	Defining the Board Shape & Placement Boundary Mr.S.Mervin Prasanth
	11.10 a.m. to 11.30 a.m.	Tea Break	
	11.30 a.m. to 1.10 p.m.	Session 2	Creating a board outline & placement / routing boundary Mr.S.Mervin Prasanth
	1.10 p.m. to 2.00 p.m.	Lunch Break	
	2.00 p.m. to 3.40 p.m.	Session 3	Basic concepts of PCB Designing Mrs.C.Kannika Parameshwari
	3.40 p.m. to 3.50 p.m.	Tea Break	
	3.50 p.m. to 4.30 p.m.	Session 4	Schematic capture and PSPICE Mrs.C.Kannika Parameshwari
Day 4 20.08.2020	9.30 a.m.to 11.10 a.m.	Session 1	Creating and editing parts &Preparing to create a net list Mr.J.G.Sabarish
	11.10 a.m. to 11.30 a.m.	Tea Break	
	11.30 a.m. to 1.10 p.m.	Session 2	Exporting and importing schematic data Mr.S.Mervin Prasanth
	1.10 p.m. to 2.00 p.m.	Lunch Break	
	2.00 p.m. to 3.40 p.m.	Session 3	PCB Material. & Board Layers, Colors and Grids Mr.S.Mervin Prasanth
	3.40 p.m. to 3.50 p.m.	Tea Break	
	3.50 p.m. to 4.30 p.m.	Session 4	Defining PWR/GND layers. Mrs.C.Kannika Parameshwari
Day 5 21.08.2020	9.30 a.m.to 11.10 a.m.	Session 1	Design synchronization with schematic tool. Mr.S.Mervin Prasanth
	11.10 a.m. to 11.30 a.m.	Tea Break	
	11.30 a.m. to 1.10 p.m.	Session 2	Design transfer using a Net list. Mr.J.G.Sabarish
	1.10 p.m. to 2.00 p.m.	Lunch Break	
	2.00 p.m. to 3.40 p.m.	Session 3	Design rules concepts. Mrs.C.Kannika Parameshwari
	3.40 p.m. to 3.50 p.m.	Tea Break	
	3.50 p.m. to 4.30 p.m.	Session 4	Design Rule Checking Mr.S.Mervin Prasanth
	4.30 p.m. to 5.00 p.m.	Valedictory	



PROGRAM COORDINATOR

HoD/ECE

IQAC

PRINCIPAL

Head of the Department

Department of Electronics & Communication Engineering

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

Coordinator - IQAC

NPR College of Engineering & Technology

Natham, Dindigul (Dt) - 624401.

Dr. J.SUNDARARAJAN,

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CERTIFICATE OF COMPLETION

This certificate is presented to

Ms. M. SWETHA , III ECE

For successful completion of Add on course on
“PCB DESIGN USING PSPICE”
Conducted from 17.08.20 to 21.08.20(5 days)


HOD-ECE

Dr. A. GOPISAMINATHAN


Dr. J. SUNDARARAJAN,

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

Principal

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PRINCIPAL

Dr. J. SUNDARARAJAN



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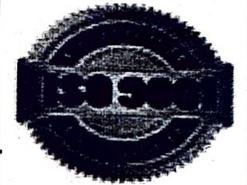
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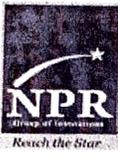
Ms. G.S. Pooja, IV ECE

For successful completion of Add on course on
"PCB DESIGN USING PSPICE"
Conducted from 17.08.20 to 21.08.20(5 days)


HOD-ECE
Dr. A. GOPISAMINATHAN


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


PRINCIPAL
Dr. J.SUNDARARAJAN

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CERTIFICATE COURSE ON EMBEDDED C WITH RTOS AND IOT

COURSE SCHEDULE

Venue: NPRCET Seminar Hall

Date: 06.03.2021

EXTERNAL RESOURCE PERSONS:

1. Er.M.Vignesh Kumar
2. Er.S.Suresh Kumar

INTERNAL RESOURCE PERSONS:

- 1.Mr.K.Jayaprakasam,AP-ECE
- 2.Mr.S.Sudhakar,AP-ECE

Day 1 08.03.2021	9.30 a.m. to 10.00 a.m.	Inauguration	
	10.00 a.m. to 11.10 a.m.	Session 1	Fundamentals of C and Data types and Constants Er.M.Vignesh kumar
	11.10 a.m. to 11.30 a.m.	<i>Tea Break</i>	
	11.30 a.m. to 1.10 p.m.	Session 2	Simple & Formatted I/O and Memory Usage Mr.S.Sudhakar
	1.10 p.m. to 2.00 p.m.	<i>Lunch Break</i>	
	2.00 p.m. to 3.40 p.m.	Session 3	Operators & Expressions Mr.K.Jayaprakasam
	3.40 p.m. to 3.50 p.m.	<i>Tea Break</i>	
	3.50 p.m. to 4.30 p.m.	Session 4	Flow Control and Loops Er.S.Suresh Kumar

Day 2 10.03.2021	9.30 a.m. to 11.10 a.m.	Session 1	Returning values from Functions and Recursive Functions. Er.M.Vignesh kumar
	11.10 a.m. to 11.30 a.m.	<i>Tea Break</i>	
	11.30 a.m. to 1.10 p.m.	Session 2	Call Back Functions and Implications on Stack. Er.S.Suresh Kumar
	1.10 p.m. to 2.00 p.m.	<i>Lunch Break</i>	
	2.00 p.m. to 3.40 p.m.	Session 3	Multi Dimensional Arrays and Arrays of Characters and Strings. Mr.S.Sudhakar
	3.40 p.m. to 3.50 p.m.	<i>Tea Break</i>	
	3.50 p.m. to 4.30 p.m.	Session 4	Arrays and Pointers and Passing arrays to functions Mr.K.Jayaprakasam





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



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Day 3 11.03.2021	9.30 a.m. to 11.10 a.m.	Session 1	Declaration, initialization Er.M.Vignesh kumar
	11.10 a.m. to 11.30 a.m.	Tea Break	
	11.30 a.m. to 1.10 p.m.	Session 2	Accessing like objects Mr.S.Sudhakar
	1.10 p.m. to 2.00 p.m.	Lunch Break	
	2.00 p.m. to 3.40 p.m.	Session 3	Nested Structures Er.S.Suresh Kumar
	3.40 p.m. to 3.50 p.m.	Tea Break	
	3.50 p.m. to 4.30 p.m.	Session 4	Array of Structures and Passing structures through functions Mr.K.Jayaprakasam
Day 4 12.03.2021	9.30 a.m. to 11.10 a.m.	Session 1	Pointer Assignment & Pointer Arithmetic Mr.K.Jayaprakasam
	11.10 a.m. to 11.30 a.m.	Tea Break	
	11.30 a.m. to 1.10 p.m.	Session 2	Multiple indirections & Advanced pointer types Er.M.Vignesh kumar
	1.10 p.m. to 2.00 p.m.	Lunch Break	
	2.00 p.m. to 3.40 p.m.	Session 3	Generic and Null Pointer & Function Pointers Er.S.Suresh Kumar
	3.40 p.m. to 3.50 p.m.	Tea Break	
	3.50 p.m. to 4.30 p.m.	Session 4	Pointers to Arrays and Strings Mr.S.Sudhakar
Day 5 13.03.2021	9.30 a.m. to 11.10 a.m.	Session 1	Sensors & Actuators Er.M.Vignesh kumar
	11.10 a.m. to 11.30 a.m.	Tea Break	
	11.30 a.m. to 1.10 p.m.	Session 2	Hardware Platforms Mr.K.Jayaprakasam
	1.10 p.m. to 2.00 p.m.	Lunch Break	
	2.00 p.m. to 3.40 p.m.	Session 3	Wireless Communication Protocols Mr.S.Sudhakar
	3.40 p.m. to 3.50 p.m.	Tea Break	
	3.50 p.m. to 4.30 p.m.	Session 4	Network communication Protocols Er.S.Suresh Kumar
	4.30 p.m. to 5.00 p.m.	Valedictory	



K. Mahas
PROGRAM COORDINATOR

K. Mahas
HoD/ECE

V. S. S.
IQAC

J. S.
PRINCIPAL

Head of the Department

Department of Electronics & Communication Engineering
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Coordinator - IQAC

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Dr. J.SUNDARARAJAN,

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CERTIFICATE OF COMPLETION

This certificate is presented to

Ms. K. Vishali, IT-ECE

For the successful completion of certificate course on
"EMBEDDED C WITH RTOS AND IOT"

Conducted on 08.03.21, 10.03.21, 11.03.21, 12.03.21 and 13.03.21(5 days)

[Signature]

HOD-ECE

Dr. A. GOPISAMINATHAN

[Signature]
Dr. J. SUNDARARAJAN,
B.E., M.Tech., Ph.D.,
Principal

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

[Signature]

PRINCIPAL

Dr. J. SUNDARARAJAN



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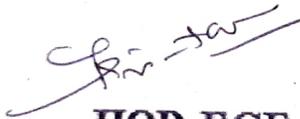
CERTIFICATE OF COMPLETION

This certificate is presented to

Mr. Tharunkumar. M, II-ECE

For the successful completion of certificate course on
"EMBEDDED C WITH RTOS AND IOT"

Conducted on 08.03.21, 10.03.21, 11.03.21, 12.03.21 and 13.03.21 (5 days)



HOD-ECE

Dr. A. GOPISAMINATHAN


Dr. J. SUNDARARAJAN,

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

Principal

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



PRINCIPAL

Dr. J. SUNDARARAJAN

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ADD ON COURSE ON

DISTRIBUTED CONTROL SYSTEM FOR INDUSTRIAL AUTOMATION

COURSE SCHEDULE

Venue: Through online mode (Google Meet) at 10.00 a.m.

Date:30-11-2020

(Meeting Link : <https://meet.google.com/xaj-rkvu-zcf>)

External Resource Persons	Internal Resource Persons
1.Mr.B.Jeyachandran 2.Mr.K.T.Thiyagarajan	1.T. Sivakumar,AP/EEE
Sanlog Automation Technology,Trichy	2. Mr.K.Rajesh, AP/EEE

9.30 a.m – 10.00 a.m	Inauguration	
10.00 a.m - 11.10 a.m	Session 1	Introduction to computer based measurement and control systems Architecture – computer based process control system Mr.B.Jeyachandran
11.10 a.m to 11.30 a.m	<i>Tea Break</i>	
11.30 a.m to 1.10 p.m	Session 2	Basic components of computer based measurement and control systems Mr.B.Jeyachandran
1.10 p.m to 2.00 p.m	<i>Lunch Break</i>	
2.00 p.m to 3.40 p.m	Session 3	Human Machine Interface (HMI) Mr.B.Jeyachandran
3.40 p.m to 3.50 p.m	<i>Tea Break</i>	
3.50 p.m to 4.30 p.m	Session 4	Hardware for computer based process control system T. Sivakumar,AP/EEE



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Day 2 01-12-2020	9.30 a.m – 11.10 a.m	Session 1	OVERVIEW OF DISTRIBUTED CONTROL SYSTEMS Basic concepts of a Distributed Computing System (DCS) Mr.K.T.Thiyagarajan
	11.10 a.m to 11.30 a.m	<i>Tea Break</i>	
	11.30 a.m to 1.10 p.m	Session 2	Present market trends in DCSs Basic DCS specifications Mr.K.T.Thiyagarajan
	1.10 p.m to 2.00 p.m	<i>Lunch Break</i>	
	2.00 p.m to 3.40 p.m	Session 3	Basic Dcs Controller Configuration Control modes, algorithms Mr.K.Rajesh, AP/EEE
	3.40 p.m to 3.50 p.m	<i>Tea Break</i>	
	3.50 p.m to 4.30 p.m	Session 4	Tracking and initialisation in control slots used for cascade control Control functions T. Sivakumar, AP/EEE
Day 3 02-12-2020	9.30 a.m – 11.10 a.m	Session 1	Programming Of DCS Tips and tricks in programming Mr.K.Rajesh, AP/EEE
	11.10 a.m to 11.30 a.m	<i>Tea Break</i>	
	11.30 a.m to 1.10 p.m	Session 2	Alarm System Management T. Sivakumar, AP/EEE
	1.10 p.m to 2.00 p.m	<i>Lunch Break</i>	
	2.00 p.m to 3.40 p.m	Session 3	Data configuration procedures necessary for setting up the DCS area database Mr.K.Rajesh, AP/EEE
	3.40 p.m to 3.50 p.m	<i>Tea Break</i>	
	3.50 p.m to 4.30 p.m	Session 4	The use of a DCS in a paper-manufacturing environment T. Sivakumar, AP/EEE
Day 4 03-12-2020	9.30 a.m – 11.10 a.m	Session 1	The benefits of a DCS when used in an offshore oil and gas processing environment Mr.K.Rajesh, AP/EEE
	11.10 a.m to 11.30 a.m	<i>Tea Break</i>	
	11.30 a.m to 1.10 p.m	Session 2	Distributed Control Systems Implementation, System strategy T. Sivakumar, AP/EEE
	1.10 p.m to 2.00 p.m	<i>Lunch Break</i>	
	2.00 p.m to 3.40 p.m	Session 3	Distributed Control Systems Implementation Mr.K.Rajesh, AP/EEE
	3.40 p.m to 3.50 p.m	<i>Tea Break</i>	



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	3.50 p.m to 4.30 p.m	Session 4	Configuration control procedures adopted to ensure data integrity T. Sivakumar,AP/EEE
Day 5 04-12-2020	9.30 a.m – 11.10 a.m	Session 1	System strategy, Automation plan Mr.K.T.Thiyagarajan
	11.10 a.m to 11.30 a.m	<i>Tea Break</i>	
	11.30 a.m to 1.10 p.m	Session 2	Automation plan, Project implementation Mr.K.T.Thiyagarajan
	1.10 p.m to 2.00 p.m	<i>Lunch Break</i>	
	2.00 p.m to 3.40 p.m	Session 3	Distributed Control System Applications Mr.B.Jeyachandran
	3.40 p.m to 3.50 p.m	<i>Tea Break</i>	
	3.50 p.m to 4.30 p.m	Session 4	The benefits of a DCS when used in an offshore oil and gas processing environment Mr.B.Jeyachandran
	4.30 p.m to 5.00 p.m	<i>Valedictory</i>	

PROGRAM
COORDINATOR

HOD/EEE

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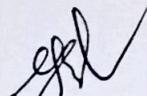


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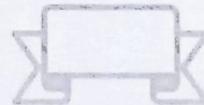
MR. R. B. SARAN, III YEAR EEE

has successfully completed the add on course on
'DISTRIBUTED CONTROL SYSTEM FOR INDUSTRIAL AUTOMATION'
from 30.11.2020 to 04.12.2020.



HOD / EEE

(Prof.G.FLANGOVAN)



PRINCIPAL
(Dr..LSUNDARARAJAN)



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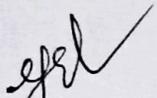


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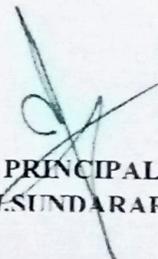
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HOD / EEE
(Prof.G.ELANGOAN)




PRINCIPAL
(Dr.S.SUNDARAJAN)



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING CERTIFICATE PROGRAM ON WEB COMPONENT DEVELOPMENT USING JAVA TECHNOLOGIES Course Schedule

Venue: PSS MAIN LAB at 10.00 a.m.

Internal Resource Persons			
1. Mr.K.RAJESH, AP/EEE/NPRCET			
2. Mr.M.EDWIN LAWRENCE,AP/EEE/NPRCET			
Day 1 22.02.2021	9.00 a.m	Registration	
	9.30 a.m – 10.00 a.m	Inauguration	
	10.00 a.m - 11.10 a.m	Session 1	Basic principlesinvolved in developing a web site Mr.K.RAJESH AP/EEE; AP/EEE
	11.10 a.m to 11.30 a.m	<i>Tea Break</i>	
	11.30 a.m to 1.10 p.m	Session 2	Designing navigation bar Mr.M.EDWINLAWRENCE,AP/EEE,
	1.10 p.m to 2.00 p.m	<i>Lunch Break</i>	
	2.00 p.m to 3.40 p.m	Session 3	Home Page Layout Mr.K.RAJESH AP/EEE; AP/EEE
	3.40 p.m to 3.50 p.m	<i>Tea Break</i>	
Day 2 23.02.2021	3.50 p.m to 4.30 p.m	Session 4	Design Concept. Mr.M.EDWINLAWRENCE,AP/EEE
	9.30 a.m – 11.10 a.m	Session 1	Basics In Web Design Brief History of Internet-Audience requirement. Mr.K.RAJESH AP/EEE; AP/EEE
	11.10 a.m to 11.30 a.m	<i>Tea Break</i>	
	11.30 a.m to 1.10 p.m	Session 2	World Wide Web- create a web site Mr.M.EDWINLAWRENCE,AP/EEE
	1.10 p.m to 2.00 p.m	<i>Lunch Break</i>	
	2.00 p.m to 3.40 p.m	Session 3	Web Standards Mr.K.RAJESH AP/EEE; AP/EEE
3.40 p.m to 3.50 p.m	<i>Tea Break</i>		
Day 3 24.02.2021	3.50 p.m to 4.30 p.m	Session 4	Elements Of HTML Mr.M.EDWINLAWRENCE,AP/EEE
	9.30 a.m – 11.10 a.m	Session 1	Working with Forms and controls Mr.K.RAJESH AP/EEE; AP/EEE
	11.10 a.m to 11.30 a.m	<i>Tea Break</i>	
	11.30 a.m to 1.10 p.m	Session 2	Introduction to elements of HTML Mr.M.EDWINLAWRENCE,AP/EEE
	1.10 p.m to 2.00 p.m	<i>Lunch Break</i>	



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	2.00 p.m to 3.40 p.m	Session 3	Working with Text-Working with Lists, Tables and Frames Mr.K.RAJESH AP/EEE; AP/EEE
	3.40 p.m to 3.50 p.m	Tea Break	
	3.50 p.m to 4.30 p.m	Session 4	Working with Hyperlink s, Images and Multimedia Mr.M.EDWINLAWRENCE,AP/EEE
Day 4 25.02.2021	9.30 a.m – 11.10 a.m	Session 1	Introduction To Cascading Style Sheets- Concept of CSS Mr.K.RAJESH AP/EEE; AP/EEE
	11.10 a.m to 11.30 a.m	Tea Break	
	11.30 a.m to 1.10 p.m	Session 2	Working with block elements and object- Working with Lists and Tables- Mr.M.EDWINLAWRENCE,AP/EEE
	1.10 p.m to 2.00 p.m	Lunch Break	
	2.00 p.m to 3.40 p.m	Session 3	Box Model(Introduction, Border properties, Padding Properties, Margin properties)CSS Color Mr.K.RAJESH AP/EEE; AP/EEE
	3.40 p.m to 3.50 p.m	Tea Break	
	3.50 p.m to 4.30 p.m	Session 4	Creating page Layout and Site Designs Mr.M.EDWINLAWRENCE,AP/EEE
Day 5 26.02.2021	9.30 a.m – 11.10 a.m	Session 1	Introduction To Web Publishing Or Hosting- Mr.K.RAJESH AP/EEE; AP/EEE
	11.10 a.m to 11.30 a.m	Tea Break	
	11.30 a.m to 1.10 p.m	Session 2	Creating the Web Site- Saving the site Mr.M.EDWINLAWRENCE,AP/EEE
	1.10 p.m to 2.00 p.m	Lunch Break	
	2.00 p.m to 3.40 p.m	Session 3	Working on the web site Creating web site structure Mr.K.RAJESH AP/EEE; AP/EEE
	3.40 p.m to 3.50 p.m	Tea Break	
	3.50 p.m to 4.30 p.m	Session 4	Creating Titles for web pages Themes-Publishing web sites Mr.M.EDWINLAWRENCE,AP/EEE
	4.30 p.m to 5.00 p.m	Valedictory	

PROGRAM
 COORDINATOR

HOD/EEE

IQAC

PRINCIPAL
 Dr. J.SUNDARAJAN,
 B.E., M.Tech., Ph.D.,
 Principal

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 Natham, Dindigul (Dt)-624401

Coordinator - IQAC
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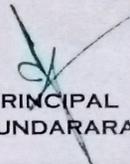
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----- MISS. V. MONIKA ----- IIIrd Year EEE -----

has successfully completed the certificate course on
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HOD, EEE
PROF. G. ELANGO VAN




PRINCIPAL
DR. J. SUNDARARAJAN



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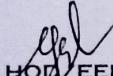
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from 22/2/2021 to 26/2/2021.


HOD, EEE
PROF. G. E. LANGOVAN




PRINCIPAL
DR. J. SUNDARARAJAN

DEPARTMENT OF MECHANICAL ENGINEERING
ADD - ON COURSE ON RAPID PROTOTYPE
COURSE SCHEDULE

Mode : Google Meet
Google meet link : <https://meet.google.com/kvo-txwv-htd>
Time: 4.30 p.m. to 6.00 p.m.

External Resource Person: 1. Dr. N. Annamalai-Professor.
Internal Resource Person: Mr. G. Sundarajan -AP/MECH

S. No.	Date	Syllabus	Resource Person	Hours
1	17.08.2020	Introduction to Rapid Manufacturing	Dr. N. Annamalai	1.5
2	18.08.2020	Classification of manufacturing processes	Dr. N. Annamalai	1.5
3	19.08.2020	Different manufacturing systems	Dr. N. Annamalai	1.5
4	20.08.2020	Introduction to rapid Prototyping (RP), Need of RP in context to batch production	Dr. N. Annamalai	1.5
5	21.08.2020	FMS and CIM and its application. Product prototyping – solid modeling and prototype representation	Dr. N. Annamalai	1.5
6	24.08.2020	Data preparation errors, Part building errors, Error in finishing, influence of build orientation	Mr. G. Sundarajan	1.5
7	25.08.2020	Classification of different RP techniques based on raw materials	Mr. G. Sundarajan	1.5
8	26.08.2020	Process technology and comparative study of stereo lithography (SL) with photo polymerization.	Dr. N. Annamalai	1.5
9	27.08.2020	Laminated object manufacturing solid ground curing	Dr. N. Annamalai	1.5
10	28.08.2020	Repetitive masking and deposition.	Dr. N. Annamalai	1.5
11	29.08.2020	Beam interference solidification, Holographic interference solidification special topic on RP using metallic alloys	Mr. G. Sundarajan	1.5

12	31.08.2020	Programming in RP modeling, Slicing, Internal Hatching, Surface skin films, support structure.	Mr. G. Sundarajan	1.5
13	01.09.2020	STL files, Overview of Solid view, magics, imics, magic communicator, etc. Internet based software, Collaboration tools	Mr. G. Sundarajan	1.5
14	02.09.2020	Reverse engineering of software, Binary reverse engineering, Binary software techniques	Dr. N. Annamalai	1.5
15	03.09.2020	Software classification, Source code, number of UML tools, Reverse engineering of Protocols, Need of reverse engineering	Dr. N. Annamalai	1.5
16	04.09.2020	Methodologies for Reverse Engineering, understanding of Reverse Engineering through example	Dr. N. Annamalai	1.5
17	05.09.2020	Reasons for reverse engineering, process for Reverse Engineering, Phases of Reverse Engineering,	Dr. N. Annamalai	1.5
18	07.09.2020	Conceptual System Reasons for Reverse Engineering, Difficulties in Reverse Engineering	Dr. N. Annamalai	1.5
19	08.09.2020	Application level, Functional level, Structural level	Dr. N. Annamalai	1.5
20	09.09.2020	Mini project exercise based on understanding of modules contents	Dr. N. Annamalai	1.5
Total Hours				30

G. Senthil
**PROGRAM
 CO-ORDINATOR**

D. Murali
HOD/MECH

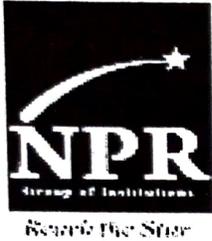
John
IQAC

J. Sundarajan
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Head of the Department
 Department of Mechanical Engineering
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 Natham, Dindigul (DT) - 624 401

Dr. J. SUNDARARAJAN,
 B.E., M.Tech., Ph.D.,
 Principal
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 Natham, Dindigul (DT) - 624 401.





NPR COLLEGE OF ENGINEERING & TECHNOLOGY

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

Phone No: 04544- 246 500, 246501 246502

Website : www.nprcolleges.org E-mail: nprgi@nprcolleges.org



DEPARTMENT OF MECHANICAL ENGINEERING ADD ON COURSE ON "RAPID PROTOTYPE"

CERTIFICATE OF PARTICIPATION

This is to certify that.....*MANIKANDAN...K.....* of
.....*III...YEAR.....* has attended the Add on Course
on "RAPID PROTOTYPE" conducted from
17.08.2020 to 09.09.2020.

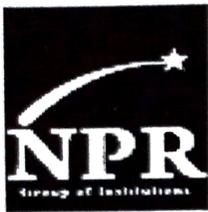

HOD-MECH

Dr.T.MALAICHAMY




PRINCIPAL

Dr.J.SUNDARARAJAN



Reach the Star

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This is to certify that.....**SURYA...D**..... of
.....**III**.....**MECH**.....has attended the Add on Course
on "RAPID PROTOTYPE" conducted from
17.08.2020 to 09.09.2020.

D. Malaichamy
HOD-MECH

Dr.T.MALAICHAMY



[Signature]
PRINCIPAL

Dr.J.SUNDARARAJAN

DEPARTMENT OF MECHANICAL ENGINEERING
ADD - ON COURSE ON 3D PRINTING
COURSE SCHEDULE

Mode : Google Meet

Google meet link : <https://meet.google.com/otu-hzbf-cwz>

Time: 4.30 p.m. to 6.00 p.m.

External Resource Person:

Internal Resource Person:

1. Dr. R. Ramakrishnan, Chief consultant.

Mr. T. Balasubramani, AP/MECH

S. No.	Date	Syllabus	Resource Person	Hours
1	17.08.2020	Introduction, Prototyping fundamentals, Historical development, Advantages of AMT	Dr.R.Ramakrishnan, Chief consultant	1.5
2	18.08.2020	Commonly used terms, process chain, 3D modeling	Dr.R.Ramakrishnan, Chief consultant	1.5
3	19.08.2020	Data Conversion and transmission, Checking and preparing	Dr.R.Ramakrishnan, Chief consultant	1.5
4	20.08.2020	Building, Post processing, RP data formats	Dr.R.Ramakrishnan, Chief consultant	1.5
5	21.08.2020	Classification of AMT process, Applications to various fields	Mr.T.Balasubramani, AP/MECH	1.5
6	24.08.2020	Stereo lithography apparatus (SLA): Models and specifications, process, working principle,	Dr.R.Ramakrishnan, Chief consultant	1.5
7	25.08.2020	Photopolymers, Photo polymerization,	Dr.R.Ramakrishnan, Chief consultant	1.5
8	26.08.2020	Layering technology, Laser and Laser scanning	Dr.R.Ramakrishnan, Chief consultant	1.5
9	27.08.2020	Solid ground curing (SGC): Models and specifications	Dr.R.Ramakrishnan, Chief consultant	1.5
10	28.08.2020	Solid ground curing (SGC) Process and Working	Dr.R.Ramakrishnan, Chief consultant	1.5



11	29.08.2020	Laminated object manufacturing (LOM): Models and specifications	Dr.R.Ramakrishnan, Chief consultant	1.5
12	31.08.2020	Laminated object manufacturing - Process and Working principle	Dr.R.Ramakrishnan, Chief consultant	1.5
13	01.09.2020	Laminated object manufacturing - Applications, advantages and disadvantages	Mr.T.Balasubramani, AP/MECH	1.5
14	02.09.2020	Fused Deposition Modeling (FDM): Models and specifications	Mr.T.Balasubramani, AP/MECH	1.5
15	03.09.2020	Fused Deposition Modeling - Process, Working principle	Mr.T.Balasubramani, AP/MECH	1.5
16	04.09.2020	Fused Deposition Modeling - Applications, advantages and disadvantages	Dr.R.Ramakrishnan, Chief consultant	1.5
17	05.09.2020	Selective laser sintering (SLS): Models and specifications	Dr.R.Ramakrishnan, Chief consultant	1.5
18	07.09.2020	Selective laser sintering -Process, Working principle, Applications, advantages and disadvantages	Dr.R.Ramakrishnan, Chief consultant	1.5
19	08.09.2020	Three dimensional printing (3DP): Models and specification	Dr.R.Ramakrishnan, Chief consultant	1.5
20	09.09.2020	Three dimensional printing - Process, Working principle, Applications, advantages and disadvantages	Dr.R.Ramakrishnan, Chief consultant	1.5
Total Hours				30

J. Sundararajan

**PROGRAM
CO-ORDINATOR**

D. Murali

HOD/MECH

V. Anand

IQAC

J. Sundararajan

PRINCIPAL

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DEPARTMENT OF MECHANICAL ENGINEERING

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This is to certify that Mr. V. RAJA of
IV - MECH. has attended the Add on Course on "3D
PRINTING" conducted from 17.08.2020 to 09.09.2020

HOD-MECH
Dr.T.MALAICHAMY

PRINCIPAL
Dr.J.SUNDARARAJAN



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DEPARTMENT OF MECHANICAL ENGINEERING

**ADD ON COURSE
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IV - MECH. has attended the Add on Course on "3D
PRINTING" conducted from 17.08.2020 to 09.09.2020

D. Malaichamy

HoD-MECH
Dr.T.MALAICHAMY

Dr. J. Sundararajan

PRINCIPAL
Dr.J.SUNDARARAJAN



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DEPARTMENT OF MANAGEMENT STUDIES

ADD ON COURSE

BUSINESS AND SUSTAINABLE DEVELOPMENT

COURSE SCHEDULE

Venue : MBA Seminar Hall
External Resource Persons : Dr.R.Ramakrishnan
Internal Resource Persons : Ms.S.Booma, AP/MBA
Date : 27/02/2021, 06/03/2021, 13/03/2021, 20/03/2021

Day	Time	8.50 a.m. to 11.20 a.m.	11.20 a.m. to 11.30 a.m.	11.30 a.m. to 1.00 p.m.	1.00 p.m. to 1.20 p.m.	1.20 p.m. to 3.20 p.m.	3.20 p.m. to 3.30 p.m.	3.30 p.m. to 5.00 p.m.
Day 1 27/02/2021	SESSION I	Inauguration & Introduction	Tea Break	SESSION II	Lunch	SESSION III	Tea Break	SESSION IV
	Dr.R.Ramakrishnan			Dr.R.Ramakrishnan		Ms.S.Booma		Ms.S.Booma
Day 2 06/03/2021	SESSION I	Cleaner Production - Cleaner Production Illustrations - Life Cycle Assessment	Tea Break	SESSION II	Lunch	SESSION III	Tea Break	SESSION IV
	Dr.R.Ramakrishnan			Dr.R.Ramakrishnan		Ms.S.Booma		Dr.R.Ramakrishnan
Day 3 13/03/2021	SESSION I	Corporate strategy – Competitive environment strategies	Tea Break	SESSION II	Lunch	SESSION III	Tea Break	SESSION IV
	Dr.R.Ramakrishnan			Ms.S.Booma		Dr.R.Ramakrishnan		Dr.R.Ramakrishnan
Day 4 20/03/2021	SESSION I	Green Supply Chain - Examples of Green Supply Chain - Environmental Regulations and Policy Instruments	Tea Break	SESSION II	Lunch	SESSION III	Tea Break	SESSION IV
	Dr.R.Ramakrishnan			Dr.R.Ramakrishnan		Ms.S.Booma		Dr.R.Ramakrishnan

PROGRAM COORDINATOR

HOD/MBA

IQAC

PRINCIPAL

Head of the Department : **Dr. J. SUNDARARAJAN**, S.E., M.Tech., Ph.D.,
 Department of MBA
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 Natham, Dindigul (Dt)-624 401
Coordinator IQAC
 NPR College of Engineering & Technology
 Natham, Dindigul (DT) - 624 401
Principal
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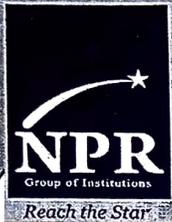
ADD ON COURSE
ON
"Business and Sustainable Development"

Certificate of participation

This is to certify that of Mr. ATITH KUNAR B. MBA has attended the Add On Course "**Business and Sustainable Development**" Organised by Department Of **Management Studies**, NPR COLLEGE OF ENGINEERING AND TECHNOLOGY on 27/02/2021, 06/02/2021, 13/02/2021 & 20/02/2021


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PRINCIPAL



NPR COLLEGE OF ENGINEERING AND TECHNOLOGY

ADD ON COURSE ON "Business and Sustainable Development"

Certificate of participation

This is to certify that of Ms. P. Sindhu P MBA has attended the Add On Course "**Business and Sustainable Development**" Organised by Department Of **Management Studies**, NPR COLLEGE OF ENGINEERING AND TECHNOLOGY on 27/02/2021, 06/02/2021, 13/02/2021 & 20/02/2021

[Signature]
HOD

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World environment day celebration

Event organized by	NSS NPRCEI
Name of event organized	World environment day celebration - 'Go Green to Breathe Green'
Date of the event	10.06.2021
No. of student participants	113
Mode	Online - Google Meet
Chief Guests	Mr.K. Baskaran, Forest Range Officer, Natham. Mr. P.Sambandamoorthy, Forester, Natham Range Ms.S.Bakyalakshmi, Forest Guard, Natham Range Mr.A.Balaji, Forest Guard, Natham Range
Faculty In charge	Mr.G.Sundararajan, NSS Programme Officer
Contact number	9865838846

In our institution NSS cell celebrates World environment day in grant manner in every year. In this year we celebrated in online mode on 10.06.2021 with the help of District forest department. Principal preside our the function and explained about 'Go Green to Breathe Green'. The following members were invited as chief guests Mr.K. Baskaran, Forest Range Officer, Natham, Mr. P.Sambandamoorthy, Forester, Natham Range, Ms.S.Bakyalakshmi, Forest Guard, Natham Range and Mr.A.Balaji, Forest Guard, Natham Range. Chief guests explained about importance of the forest, birds, environment act and Ocean resource in their presentation. Students were learn about the forest resources, and importance of plant trees for future generation.


NSS Programme Officer

G. Sundararajan


Principal

Dr. J.SUNDARARAJAN,

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Principal

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INVITATION



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IIC - Calendar Activity 2021

WORLD ENVIRONMENT DAY CELEBRATION

National Service Scheme

Organizes a Webinar on

Go GREEN TO BREATHE CLEAN

Chief Guests

<p>Mr.K. Baskaran, Forest Range Officer, Natham</p> <p>Ms.S.Bakyalakshmi, Forest Guard, Natham Range</p>	<p>Mr.P. Sambandamoorthy, Forester, Natham Range</p> <p>Mr.A. Balaji, Forest Guard, Natham Range</p>
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GREEN & ENVIRONMENTAL POLICY

- To create awareness among students and staff about conservation of natural resources
- To develop sustainable environments for natural prosperity
- To implement, ethical, green & environment friendly approach
- To help creating a society that has conservation-based attitude and exists in harmony with nature.

NO
Registration fee

Meet Link
<https://meet.google.com/ynf-xdpz-vwd>

Program on
10 June, 2021 | Thursday
@ 2:00 p.m.

Admissions Open 2021-22

B.E. MECH / ECE / EEE / CSE

B.Tech Artificial Intelligence & Data Science

MBA / M.E. (VLSI)

For details contact: **89 73 44 44 41 / 73 73 44 44 43**

G. Srinivasan
NSS Programme Officer



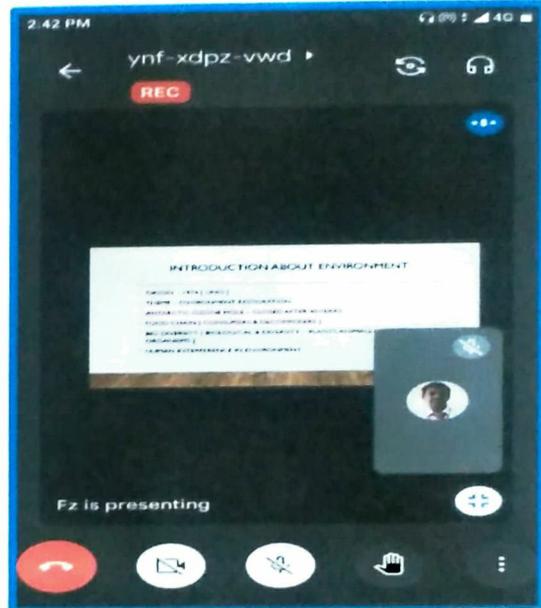
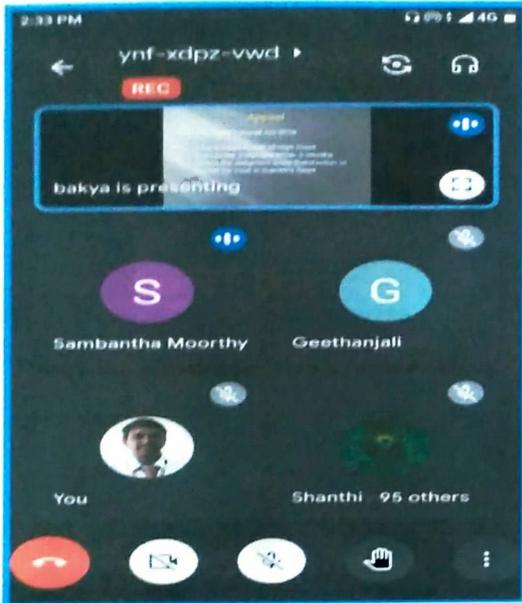
Principal

Dr. J. Sundar

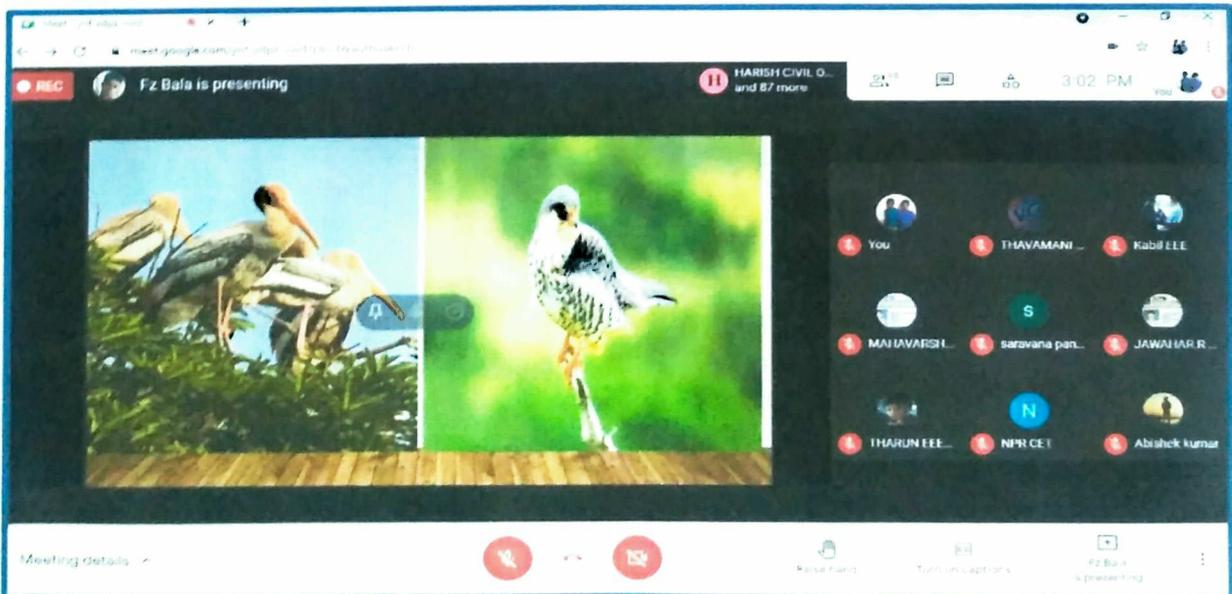
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WORLD ENVIRONMENT DAY CELEBRATION Photo Gallery



Images of Ms.S.Bakyalakshmi, Forest Guard, Natham Presentation about Environment Act

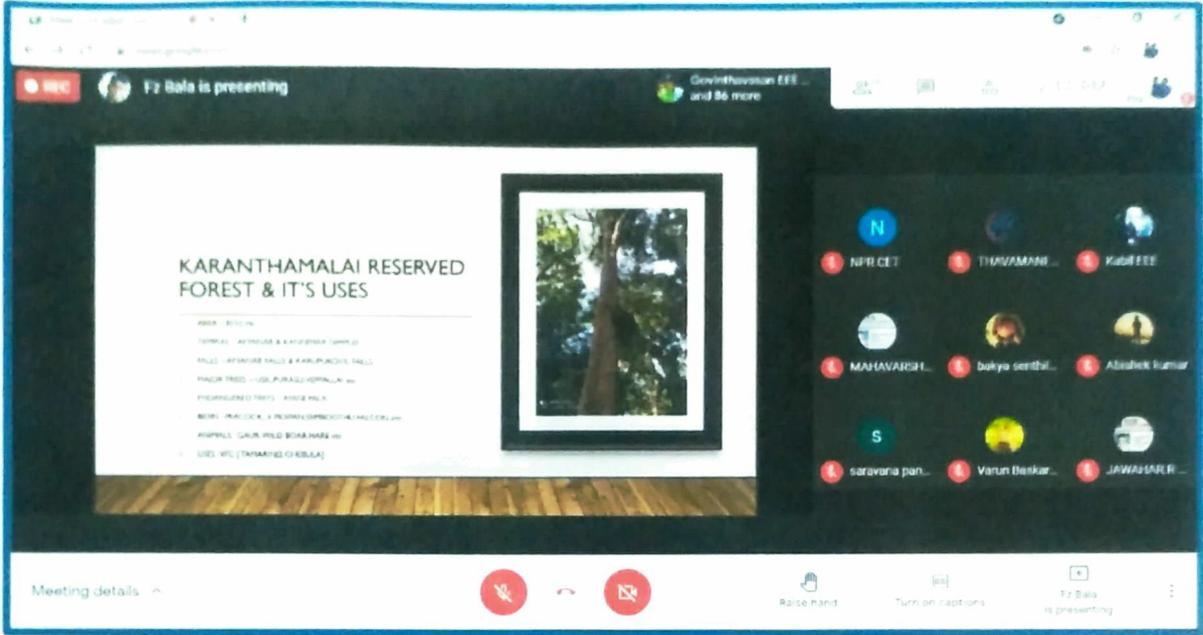


Images of Mr.A.Balaji, Forest Guard, Natham Range Presentation about Forest, Birds, and Ocean

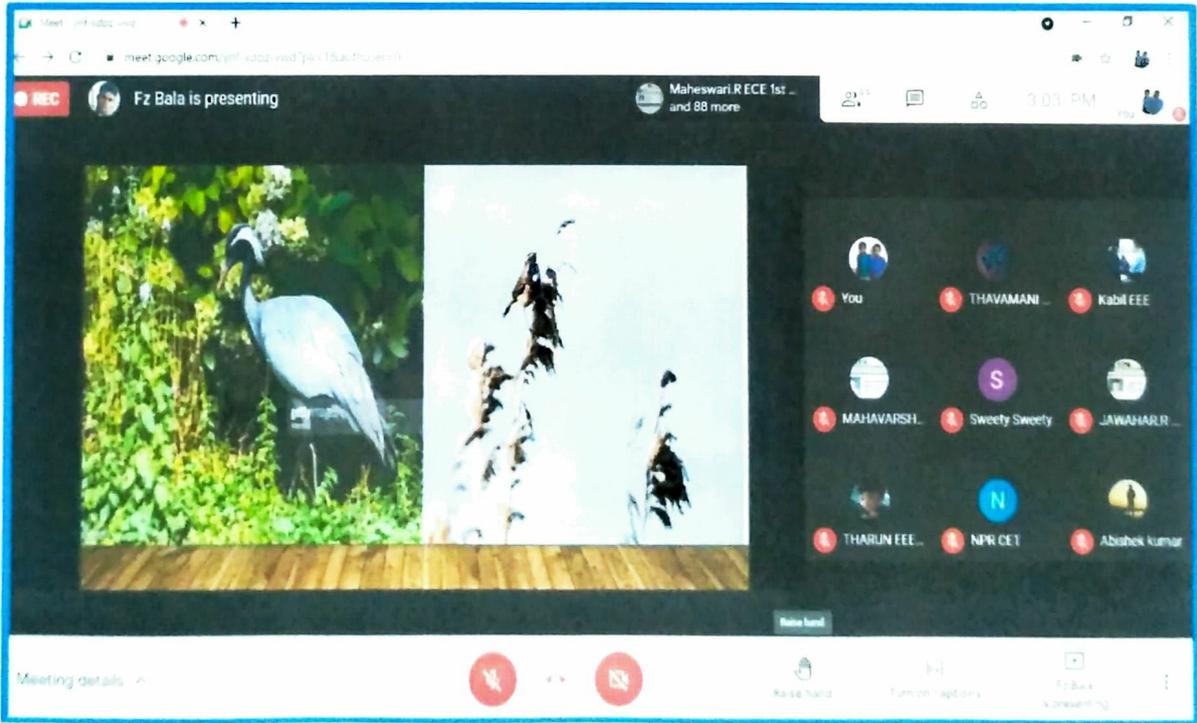
G. Senthil
NSS Programme Officer



Dr. J. SUNDARARAJAN
Principal
N.P.R. College of Engineering & Techn
Natham, Dindigul (Dt) - 624 4



Images of Mr.A.Balaji, Forest Guard, Natham Range Presentation about near by Karanthamalai Reserved forest and it's uses.



Images of Mr.A.Balaji, Forest Guard, Natham Range Presentation about Birds, and Ocean

G. Sundararajam
 NSS Programme Officer
 G. Sundararajam



Dr. J. Sundararajam
 Principal
 Dr. J. Sundararajam
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 Principal
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 Natham, Dindigul (D.U) - 624401

 <p>NPR Reach the Star</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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NPRCET/ NSS / 07 /2020-2021

14.02.2021

Circular

Vembarpatty Mosque Opening Ceremony will be celebrate in grant manner on 11.03.2021. In this regard, 52 NSS student volunteers and 4 staff members going to participate and service to the people in the way of Annathanam. The students and faculty members are requested to extend their co-operation for the successful conduct of the event.

Principal

Dr. JSUNDARARAJAN,

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

Principal

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Natham, Dindigul (Dt) - 624 401.

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1. Office
2. All Notice boards
3. All departments
4. NSS Coordinator Anna University, Madurai
5. NSS Coordinator Anna University, Chennai





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Vembarpatty Mosque Opening Ceremony Annathanam

Event organized by	NSS NPRCET
Name of event organized	Vembarpatty Mosque Opening Ceremony Annathanam
Date of the event	11.03.2021
No. of student participants	52
Venue	Vembarpatty Mosque Opening Ceremony Annathanam Mahal
Faculty In charge	Mr.G.Sundararajan, NSS Programme Officer
Contact number	9865838846

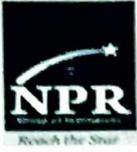
Vembarpatty Mosque Opening Ceremony in grant manner. Our NPRCET NSS student volunteers service the people in Mega grant Annathanam in Vembarpatty on 11.03.2021. Fifty two students and 4 staff members were participated in this event.

G. Sundararajan
NSS Programme Officer
G. Sundararajan
Programme Officer-NSS
UNIT No:1281
NPR College of Engineering & Technology
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Principal

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VENBARPATTY MOSQUE OPENING CEREMONY -NSS VOLUNTEERS LIST

Sl.No.	Name	Year	Department	Attendance
1.	R.SURYA PRAKASH	II	CIVIL	/
2.	J.NAVEEN	II	CIVIL	/
3.	T.DEEPAN PANDI	II	CIVIL	a
4.	N.AJAY KANNAN	II	CIVIL	a
5.	A.VETRIVEL	II	CIVIL	/
6.	S.ARIVUSELVAM	II	EEE	/
7.	M.DINESHKUMAR	II	EEE	/
8.	K.M.SANJAY KISHORE	II	EEE	/
9.	S. JEYARAJ	II	ECE	/
10.	G.SATHISH KUMAR	II	ECE	/
11.	S.PUGAL ARASU	II	ECE	/
12.	V.MANOJ PRABHAKAR	II	ECE	/
13.	S.JAYA PRATHAP	II	ECE	/
14.	VINEETH PANDIAN S	II	CSE	/
15.	PRATHAP S	II	CSE	/
16.	ARAVIND B	II	CSE	/
17.	CHANDHRU R	II	CSE	/
18.	NAVEEN RAJA B	II	CSE	/
19.	PALPANDI R	II	CSE	a
20.	ABINASH V	II	MECH	/
21.	ALAGARSAMY M	II	MECH	/
22.	ASWIN NAGANATH G	II	MECH	/
23.	BALAMURUGAN M S	II	MECH	/
24.	DINESH KUMAR S	II	MECH	/
25.	JOTHIVEL M	II	MECH	/
26.	MANOJ KUMAR R	II	MECH	/
27.	NAVEEN PRAKASH R	II	MECH	/
28.	PRATHIBAN K	II	MECH	/
29.	SABARI NATHAN T	II	MECH	/
30.	SANGUNATHAN R	II	MECH	a
31.	SEBASTIN JERALD J	II	MECH	/
32.	SRIRAM A	II	MECH	/
33.	SRIRAM S	II	MECH	/
34.	SRIVEL A	II	MECH	a
35.	SURYA D	II	MECH	/
36.	VELMURUGAN P	II	MECH	/
37.	VISHVA G	II	MECH	/
38.	BHUVANESHWARAN C	II	MECH	a
39.	SURIYA VISHWAM	II	MECH	/



40.	K.ABUROR AHAMED		ECE	
41.	M.DINESH		ECE	
42.	J.KISHORE KRISHNAA		ECE	a
43.	K.AJITH KUMAR		ECE	
44.	K.ARAVINTH RAJ		ECE	a
45.	M.MUHAMED ASIF		ECE	
46.	G.NANDHAKUMAR		ECE	a
47.	P.KRISHNA KUMAR		ECE	
48.	T.R.JOSEPHRUMSBIL		ECE	
49.	J.MOHAMED IBRAHIM		ECE	
50.	M.RAJA SEKAR		EEE	
51.	V.POORNA KUMAR		EEE	a
52.	ARAVINDKUMAR K		EEE	
53.	T.MANOJ KUMAR		CSE	
54.	M.SANTHOSH PRAKASH		CSE	a
55.	B.NANDHA KUMAR		CSE	
56.	A.SRINIVAS		CSE	
57.	S.ABDUL JALIL		CSE	
58.	MUGESHWARAN N		MECH	
59.	B.RAGHUL PANDIAN		MECH	a
60.	S.NAGARAJ		MECH	
61.	M.NITHESHWAR		MECH	
62.	S.BALAKUMARESAN		MECH	
63.	M.SARAVANA KUMAR		MECH	
64.	M.GOWTHAMAN		MECH	a

Present: 52



G. for How
NSS Programme Officer
Programme Officer-NSS
 UNIT No:1281
N.P.R. College of Engineering & Technology
 Natham, Dindigul (Dt)-624 401

[Signature]
Principal
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Photo Gallery



NSS VOLUNTEERS AND FACULTY MEMBERS IN FRONT OF MOSQUE FUNCTION LUNCH HALL



NSS VOLUNTEERS AND FACULTY MEMBERS IN FRONT OF MOSQUE

G. Senthil
NSS Programme Officer
G. Sundarasarajan
Programme Officer-NSS
NPR College of Engineering & Technology
Natham, Dindigul, 01, 045 401



[Signature]
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Our NSS volunteers service the people through Annathanam in Vembarpatti Mosque Function



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G. Senthil
NSS Programme Officer
G. Sundaramoan

Programme Officer-NSS
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Principal
Dr. J.SUNDARARAJU
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Sample Proof for Problem Solving Methodologies

Major Project

Mini Project

Case Study

**EXPERIMENTAL STUDIES ON HYBRID FIBER
REINFORCED SELF COMPACTING CONCRETE**

PROJECT REPORT

Submitted by

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In

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NOVEMBER 2021

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ABSTRACT

Self-compacting concrete (SCC) offers several economic and technical benefits; the use of steel fibers extends its possibilities. Steel fibers acts as a bridge to retard their cracks propagation, and improve several characteristics and properties of the concrete. Fibers are known to significantly affect the workability of concrete. Therefore, an investigation was performed to compare the properties of Conventional Self Compacting Concrete (CSCC) and SCC with steel fiber and sisal fiber. The content of the cementitious materials was maintained constant (584kg/m^3), while the water/cementitious material ratio is kept constant 0.33.

The self-compacting mixtures had a cement replacement of 30% by weight of Class F fly ash and 10% metakaolin. From previous studies the optimum content of steel fiber is found as 1.5%. The aspect ratio of steel fibers with hook ends was kept as 50, and steel fibers were added at different volume fractions (0, 1.25, 1.5 and 1.750) is used. Sisal fiber of 1 cm length with volume fractions of 0.1% , 0.2% , 0.3% and 0.4% by weight of cementitious material is estimated. Slump flow time and diameter, J-Ring, V-funnel, and L-Box were performed to assess the fresh properties of the concrete. Compressive strength, splitting tensile strength and flexural strength of the concrete by means of BEAM-COLUMN joint were determined for the hardened properties.

The test results of concrete cubes and cylinders were obtained by replacing the various percentage fraction of steel fiber and sisal fiber. All specimens were cured for 28 days before compression, split tensile and flexural strength tests.



**EXPERIMENTAL STUDY ON PARTIAL REPLACEMENT OF
PROSOPIS JULIFLORA IN COARSE AGGREGATE AND
ADDITION OF EGGSHELL POWDER BY CEMENT**

A PROJECT REPORT

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APRIL 2021

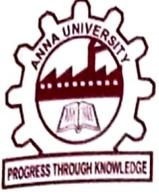


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ABSTRACT

The concrete project is heavily used as construction materials in modern society. With the growth in urbanization and industrialization and its demand is in increased day by days. In order to minimize the negative impact of concrete, the use of waste materials. Our project deals with the partial replacement Prosopis juliflora in coarse aggregate, added cement by eggshell powder. The substituent to coarse aggregate by Prosopis juliflora level of 10% optimally used. The added cement by Eggshell powder at level of 2.5%, 5%, 7.5% is to be studied for masteries and strength of properties 100% cement concrete mix is of M20 and water cement ratio is 0.55. The strength will be tested during the period of 7 day 28 days respective. We will compare the replace concrete with the conventional concrete about the strength of the concrete.





**QUANTUM SECURE ENCRYPTION
FOR DATA TRANSFER USING
ELGAMMAL ALGORITHM**



A PROJECT REPORT

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ABSTRACT

Embedding secret information into quantum carrier image for covert communication is one of significant research fields of quantum secure communication. In our Project, based on the fundamental principles of Quantum Mechanics, quantum secure communication can be implemented. Using good imperceptibility and high embedding efficiency of matrix coding, this project proposes a scrambling matrix graphical coding-based quantum steganography algorithm for quantum color images. Firstly, the scrambling matrix graphical coding is used to scramble the original information image.

Once the scrambling can be done it can be stored in the cloud. Then by using the semantic polynomial Elgamal algorithm will offer high range of security to the scrambled data. Initialization of the suggested security algorithm will generate a key for the secure message. Based on time-synchronization between the authentication server and the client the generated OTP can valid for a particular period of time. Then the OTP can be generated for getting the key information. After getting the security key the stored information (data and images) can gets accessed by the user separately. On account of experimental simulation obtained, it shows that the suggested algorithm has good performance in imperceptibility, security, efficiency and the capacity.



TARIFF STROLL FOR MONETARY TRADING



A PROJECT REPORT

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ABSTRACT

Machine learning methods have recently seen a growing number of applications in financial trading. Developing machine learning-based methods for financial trading is not straightforward, requiring carefully designed targets/rewards, hyperparameter fine-tuning, and so on. Further, most of the existing methods are unable to effectively exploit the information available across various financial instruments. In this article, we propose a deep reinforcement learning-based approach, which ensures that consistent rewards are provided to the trading agent, mitigating the noisy nature of profit-and-loss rewards that are usually used. To this end, we employ a novel price trailing based reward shaping approach, significantly improving the performance of the agent in terms of profit, sharp ratio, and maximum drawdown. Furthermore, we carefully designed a data preprocessing method that allows for training the agent on different FOREX currency pairs, providing a way for developing market-wide RL agents and allowing, at the same time, to exploit more powerful recurrent machine learning models without the risk of overfitting. Price of the land value is not confused with site value or mortgages or anything else present that would otherwise change the site's value. Land values increase when demand for land exceeds the supply of available land or if a particular piece of land has an intrinsic value greater than neighboring areas.



**DESIGN OF A HEXAGONAL LABYRINTH
IMPLANTABLE ANTENNA FOR
BIOTELEMETRY APPLICATIONS**

A PROJECT REPORT

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ABSTRACT

The health care industry is continuously revolutionizing and advancing towards developing more efficient system suitable for human body. Today implantable devices have become a more interesting topic in health care services which primarily started with the pacemakers. Since then it is continuously evolving due to its non-invasive nature, instant monitoring and diagnosis, and periodic simulation. In this work, a novel Hexagonal Labyrinth implantable antenna has been proposed for medical applications to be operated in medical band. The biocompatible polyamide substrate with 0.05 mm thickness has been used as both substrate and superstrate. The proposed antenna is featured with very good miniaturization with the dimensions of $6 \times 6 \times 0.1$ mm³ by employing circular maze shaped structure in radiator. The performance of the proposed antenna was evaluated by placing in a realistic human model using HFSS. The simulated results for the gain and reflection coefficient exhibited reasonable agreement. The safety of the antenna was verified according to the IEEE SAR regulation. The analysis of the link budget revealed that the antenna can perform reliable wireless communication.



LOW COST PROTECTABLE ALU DESIGN

A PROJECT REPORT

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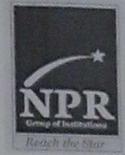
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ABSTRACT

Today, the entire device's in electronics needs to be realized with low power and optimized Area architectures because of power consumption and Area are of main consideration along with other performance parameters. Low power consumption helps to reduce heat dissipation, increases battery life and also reliability. Arithmetic and Logic Unit (ALU) is one of the frequent and the most fundamental component in low power processor design. The use of microprocessors in space missions implies that they should be protected against the effects of cosmic radiation. Commonly this objective has been achieved by applying modular redundancy techniques which provide good results in terms of reliability but increase significantly the number of used resources. Because of that, new protection techniques have appeared, trying to establish a trade-off between reliability and resource utilization. In this work, we propose an application-based methodology, to protect a soft processor implemented in an SRAM-based FPGA, against the effect of soft errors. This is done creating a library of adaptive protection configurations, based on the profiling of the application. This hardware configuration library, combined with the reprogramming capabilities of the FPGA, helps to create an adaptive protection for each application. Propose low cost voting based partial TMR configurations for the Arithmetic Logic Unit (ALU) as an example of this methodology. The proposed scheme has been tested in a SPARTAN FPGA. A fault injection campaign has been performed to test its reliability.



**ENERGY CONSERVATION IN
STREET LAMP BY RFID**

A PROJECT REPORT

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ABSTRACT

In this project, the new technology of RDIF (Radio Frequency Identification) has been used in order to identify vehicles and also 3 significant parameters including the average speed of vehicles at any side of access point, the average time for waiting and the queue length. They have been used based on the data from neural network for making the best decision throughout the process of finding out duration of the cycle and percentage of green time for each of the access point. Implementation of this system is possible in the shortest time and it has a better function in any kind of weather condition, time or place compared to similar systems.




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DISTRIBUTION TRANSFORMER HEALTH MONITORING SYSTEM BASED ON IOT

A PROJECT REPORT

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ABSTRACT

Transformer is one of the important electrical equipment that is used everywhere. Monitoring transformer's health had become a fiery task. Since in case of any damaged in the internal properties of the transformer will result in huge drawback. So it is mandatory to regularly keep an eye of the transformer. The main objective of this proposal is to acquire live data of transformer health remotely over the internet using Internet of Things technology. We are going to monitor the transformer parameter such as temperature, current, level. These data will be sent over internet using TCP / IP protocol. In case of any power failure the user will be notified with an alert message using GSM module. It also has a unique feature of detecting the phase failure. If any phase gets defect then it will indicated in the development board by an LED. These parameters will be displayed in an android application. By this process we can get to know the health of the transformer regularly and necessary step can be taken to maintain it in a proper way.



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DESIGN AND FABRICATION OF A WALKING CHAIR USING THEO JANSEN MECHANISM

A PROJECT REPORT

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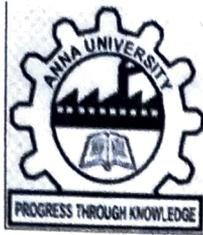
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April 2021

ABSTRACT

A machine is designed with the intentions of exploiting the advantages of the walking motion over the traditional rolling motion. Over the years people with locomotive disability have struggled to live a life of independency, many ideas were developed to kill the dependency but those ideas were lost either in research or the heavy expenses doomed them. For a country like India, whose majority of the movement disabled population resides in the rural areas, it is very important to develop an alternative to their woes at very minimal cost. The answer to this was sought in the development of the walking chair. The project is intended to develop a chair that can be used on varied terrain and that can overcome small obstacles at the price of most basic wheelchair available in India. This idea utilizes a patent idea of Theo Jansen, a Dutch physicist who invented a mechanism for the leg like motion of a system and called it the Jansen linkage. Now using these linkages we intend to build a chair that is propelled by motor using a mechanism in order to make it cost effective. Hence to sum up in a line our project changes the history of 8000 years in locomotion technology keeping in mind the social need for a change.

Keywords : Walking motion, disability, Theo Jansen



DRAG ANALYSIS AND COMPARISON FOR DIFFERENT SPORTS BALL

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ABSTRACT

Drag is resistance force occurred, when a body is traveling in a fluid medium(AIR), due to the shape and size of the body. At speeds less than about 1 m/s, the drag force on sphere is proportional to the speed and is given by Stokes 'law. At higher speeds, the drag force is proportional to the velocity squared and is usually small compared with the gravitational force if the object mass is large and its speed is low. The effect of the drag force can also be increased by increasing the surface area of the object. In this project, a relationship between the drag coefficient in terms of height of the ball falling towards the ground and the time taken by the ball to reach the ground is derived mathematically. An experimental setup was fabricated to hold and release the ball and detect the ball when it touches the ground by using suitable sensors. The output of the setup gives the time taken by the ball to reach the ground. The flow of air is simulated for different sports ball by using computational fluid dynamics (CFD) to calculate the drag forces occurred when the ball is travelling in the air.

DECLARATION
I hereby declare that the work presented in this project is my own work and has not been published elsewhere.



**A STUDY ON IMPACT OF ORGANIZATION
CULTURE TOWARDS EMPLOYEE'S
BEHAVIOUR IN NSP KNITTING
MILLS, TIRUPUR**



A PROJECT REPORT

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MARCH – 2021

ABSTRACT

Organizations are among the key units of the society. During their establishment and development, a specific kind of organizational culture eventually appears. The purpose of organizational culture is to improve solidarity and cohesion, and to stimulate employees' enthusiasm and creativity to improve the organization's economic efficiency. In addition, organizational culture greatly influences employee behavior.

The aim of this study is to find out how organizational culture affects employee behavior. It is important to understand that in order to improve the organization's business management and let the organizational culture have the right impact on employees.

The results of the study indicate that organizational culture mainly impacts motivation, promotes individual learning, affects communication, and improves organizational values, group decision making and solving conflicts.

Keywords: Organizational culture, organizational behavior, employee behavior.



**A STUDY ON THE CUSTOMER'S SATISFACTION
LEVEL OF FOREIGN EXCHANGE OPERATIONS
OF TAMILNAD MERCANTILE BANK, DINDIGUL**



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ABSTRACT

These times when the world economy is thrown open and as countries like India have opened the trade gates to other countries, there is certainly an upsurge in the FOREX transactions. This drives home the point that analysis of FOREX holds important to banks and to the economy in general.

The project aims at a study of the clients - their satisfaction with the services of the FOREX department and their perception of the change in FOREX legislation. The research design consisted of primary data collected from customer plus data collected by means of observation and interaction with experts.

Stratified random sampling was chosen as the method, the different strata being NRI's, exporters, importers and business travelers. The percentage analysis was chosen as analysis method. The study indicates that the customer is quite satisfied with the different services. Provided by the FOREX department of Tamilnadu Mercantile Bank TMB and there is an impact on the FOREX transaction from the transition of FERA to FEMA. Over and above all these an in-depth exploratory study was also conducted on the operation of the international banking division of Tamilnadu Mercantile Bank (TMB).