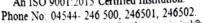


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CRITERION 6 - GOVERNANCE, LEADERSHIP AND **MANAGEMENT**

Key Indicator 6.3 Faculty Empowerment Strategies

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

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



PRINCIPAL

Dr. J.SUNDARARAJAN,

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

Principal

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



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

ACADEMIC YEAR 2020 - 21

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



PRINCIPAL Dr. J.SUNDARARAJAN,

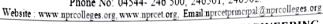
B.E., M.Tech., Ph.D.,

Principal

N.P.R. Cellege of Engineering & Technology Natham, Dindigui (Dt) - 624 481.



Phone No: 04544- 246 500, 246501, 246502





DEPARTMENT OF MECHANICAL ENGINEERING

Five Days Online Faculty Development Programme

"Computational Fluid Dynamics"

INDEX

ACADEMIC YEAR: 2020 -2021

SEMESTER:EVEN

DURATION: Five Days

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| 4. | INVITATION | 6 |
| 5. | REGISTRATION FORM | 7 |
| 6. | PROGRAM SCHEDULE | 8 |
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| 11. | CERTIFICATES OF THE PROGRAM | 13 |
| | | |

Program Co-ordinator

HoD-MECH

IQAC Co-ordinator

Principal Princip

Head of the Department

Department of Mechanical Engineering NPR College of VPR College of Engineering & Technology

Natham, Dindigul (DT) - 624 401.

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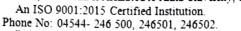
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DEPARTMENT OF MECHANICAL ENGINEERING

Five Days Online Faculty Development Programme

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ACADEMIC YEAR: 2020 -2021

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Program Co-ordinator

HoD-MECH

IQAC Co-ordinator

Head of the Department

NPR College of Engineering & Technology

Natham, Dindigul (DT) - 624 401.

Department of Mechanical Engineering & Technology

NPR College of Engineering & Technology

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Natham, Dindigul (Dt) - 624 401

Principal

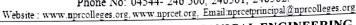




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DEPARTMENT OF MECHANICAL ENGINEERING

PERMISSION LETTER

DATE: 25.05.2020

From

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

To

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

Respected Sir,

Sub: Requisition for organizing Five Days Online FDP on "COMPUTATIONAL FLUID DYNAMICS"-Reg.

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

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

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

Thanking you

Yours faithfully,

Dr.T. Malaichamy,

HoD-Mech





College of Engineering & Technology

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COVERING LETTER

Date:26.05.2020

Patron

Dr. J.Sundararajan,

Principal

Convener

Dr. T. Malaichamy,

HoD-MECH

Co-ordinator

Mr. T. Balasubramani AP-MECH

Organizing Committee Members

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

To

The Principal/ Dean/Director,

All Engineering Colleges.

Dear Sir/Madam,

Sub: 5 days Online Faculty Development programme on

"COMPUTATIONAL FLUID DYNAMICS"- Reg.,

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

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

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

Thanking you

With regards,

Dr.T. Malaichamy HoD-MECH





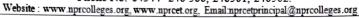
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DEPARTMENT OF MECHANICAL ENGINEERING

Five Days Online Faculty Development Programme

on

"Computational Fluid Dynamics"

Brochure

| Five Days Faculty Development Programme | ORGANIZING COMMITTEE | TOPE DE LOS DE L |
|--|--|--|
| 'COMPUTATIONAL FLUID DYNAMICS' | Patron | NPR NPR |
| DATE: 08.06,2020 to 12.06,2020 | Dr. J. Sundararajan, | COLLEGE OF ENGINEERING& |
| VENUE: Google Meet | Principal, | TECHNOLOGY |
| Cartous dougle meet | NPR College of Engineering & Technology, | (An ISO 9001-2015 Certified Institution) |
| Registration Form | Natham - 624 401. | Natham – 624 401. |
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| (To be filled in block letters) | The second second | Phone: 04544 246500, 501, 502 |
| | Dr. T.Malaichamy, | Fax: 04544 246511 |
| Name: | Prof-Mech, | E-mail: nprcetprincipal@nprcolleges.org |
| | NPRCET. | |
| Department: | Co-ordinator | Five Days Faculty Development Programme |
| Gender : Male / Female | Co-didinator | on |
| | Mr. T. Balasubramani, | 'COMPUTATIONAL FLUID |
| Designation: | AP-Mech, | |
| | NPRCET. | DYNAMICS' |
| Organization | | |
| | Organizing Committee Members | DATE: 08.06.2020 to 12.06.2020 |
| Address for Communication: | | VENUE: Google Meet |
| | 1.Dr. S.Paulsingarayar, | Organized by |
| Phone : | AP-Mech, NPRCET. | O gaillized by |
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| Silian 10 : | 2.Mr. G. sundararajan, | |
| Mode of Payment : DD/CASH | AP-Mech, | ENGINEERING |
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| Name of Bank: Amount Rs. | 3.Mr. K.Aruna Senthil Kumar, | |
| Rs.250/- Demand Draft should be drawn in favour of | AP-Mech, | A State Constitution |
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DEPARTMENT OF MECHANICAL ENGINEERING

Five Days Online Faculty Development Programme

OI

"Computational Fluid Dynamics"

Brochure

About the College

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

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

Resource Person LDr.G. Kannan, Associate Professor,

PSNA CET, Dindigul. 2.Dr.R. Suresh Kumar Professor & Head,

Sri Eshwar College of Engineering, Combatore.

About the Department

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

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

Important Dates

Last Date for Registration : 01.06.2020 Confirmation mail : 02.06.2020

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

Prof.Dr.T. Malaichamy,

HoD-Mech NPR College of Engineering & Technology Natham – Dindigul – 624 401. Mobile No:9442258930

Email ld: nprcetmech@uprcolleges.org

Declaration

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

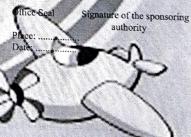
Place:

Date: Signature of the Applicant

Sponsorship certificate

Mr/Mrs/Dr....

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







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DEPARTMENT OF MECHANICAL ENGINEERING

The Management, Principal and Staff Cordially invite you for the inauguration of **Five Days Faculty Development Programme**

on

'COMPUTATIONAL FLUID DYNAMICS'

On 08th June, 2020

Venue: Google Meet at 09.30 a.m.

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

Chief Guest

1. Dr.G. Kannan, Associate Professor, **PSNACET**, Dindigul.

2. Dr. R. Suresh Kumar, Professor & Head, Sri Eshwar College of **Engineering, Coimbatore**

Dr.J.Sundararajan

Principal,

NPR College of Engineering & Technology

Felicitates the function

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



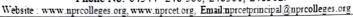


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DEPARTMENT OF MECHANICAL ENGINEERING

Five Days online Faculty Development Programme

COMPUTATIONAL FLUID DYNAMICS

| Form des | eriaton | | | | | | | | |
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DEPARTMENT OF MECHANICAL ENGINEERING

Five Days online Faculty Development Programme

COMPUTATIONAL FLUID DYNAMICS

Programme Schedule

Venue: Google Meet

Date: 08.06.2020

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

| External Resource Persons: | Internal Resource Persons: |
|---|--|
| Dr.G. Kannan, Associate Professor, PSNACET, Dindigul. | Dr.T. Malaichamy Prof/Mech, NPRCET |
| 2. Dr. R. Suresh Kumar, Professor & Head, Sri Eshwar College of | 2. Dr.S. Paulsingarayar AP/Mech, NPRCET |
| Engineering, Coimbatore. | 3. Mr.G. Sundararajan AP/Mech, NPRCET |
| | 4. Mr.K. Aruna Senthil Kumar AP/Mech, NPRCET |

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





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DEPARTMENT OF MECHANICAL ENGINEERING

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





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DEPARTMENT OF MECHANICAL ENGINEERING

| 9:30 a.m 10:45 a.m. | SESSION I | Mathematics And Fluid Dynamics Essentials | Dr. R. Suresh Kumar, Professor & Head, Sri Eshwar College of Engineering, Coimbatore |
|-----------------------------|---|--|--|
| | | Tea Break | |
| 11.00 a.m. to 12.30 p.m. | SESSION II | Mathematics And Fluid Dynamics Essentials | Dr. R. Suresh Kumar, Professor & Head, Sri Eshwar College of Engineering, Coimbatore |
| | | Lunch Break | |
| 1.30 p.m.to 2.45 p.m. | SESSION III | Introduction To Matlab And Basic CFD Concepts | Dr.G. Kannan, Associate Professor, PSNACET, Dindigul. |
| 2.45 p.m.to 3.00 p.m. | | Tea Break | |
| 3.00 p.m.to 4.00 p.m. | SESSION IV | Introduction To Matlab And Basic CFD Concepts | Dr.G. Kannan, Associate Professor, PSNACET, Dindigul. |
| 9:30 a.m 10:45 a.m. | SESSION I | Solving Standard CFD Problems In Openfoam | Dr. R. Suresh Kumar, Professor & Head, Sri Eshwar College of Engineering, Coimbatore |
| 10:45 a.m. to 11.00 a.m. | | Tea Break | zagareering, combatore |
| 11.00 a.m. to 12.30 p.m. | SESSION II | Solving Standard CFD Problems In Openfoam | Dr. R. Suresh Kumar, Professor & Head, Sri Eshwar College of Engineering, Coimbatore |
| 12.30 p.m.to 1.30 p.m. | | Lunch Break | Sugmeeting, combatore |
| 1.30 p.m.to 2.45 p.m. | SESSION III | Exploring CFD By Solving Standard CFD Problems Using FDM | Dr.G. Kannan, Associate Professor, PSNACET, Dindigul. |
| 2.45 p.m.to 3.00 p.m. | | Tea Break | |
| 3.00 p.m.to 3.45p.m. | SESSION IV | Questionnaire session | |
| 3.45p.m. to 4.00 p.m. | | Valedictory | |
| | a.m. 10:45 a.m. to 11.00 a.m. to 12.30 p.m. to 12.30 p.m.to 1.30 p.m. 1.30 p.m.to 2.45 p.m. 2.45 p.m.to 3.00 p.m. 3.00 p.m.to 4.00 p.m. 10:45 a.m. to 11.00 a.m. to 12.30 p.m. 12.30 p.m.to 1.30 p.m. 2.45 p.m.to 3.00 p.m. 3.00 p.m.to 4.00 p.m. | a.m. SESSION I 10:45 a.m. to 11.00 a.m. to 12.30 p.m. SESSION II 12.30 p.m.to 1.30 p.m. SESSION III 2.45 p.m.to 3.00 p.m. SESSION IV 9:30 a.m 10:45 a.m. to 11.00 a.m. to 12.30 p.m. SESSION II 10:45 a.m. to 11.00 a.m. SESSION II 11.00 a.m. to 12.30 p.m. SESSION II 12.30 p.m.to 1.30 p.m. SESSION III 2.45 p.m.to 3.00 p.m. 3.00 p.m.to 2.45 p.m. SESSION III 2.45 p.m.to 3.00 p.m. 3.00 p.m.to 3.00 p.m.to 3.00 p.m. SESSION IV 3.45 p.m. SESSION IV | 10.45 a.m. to 11.00 a.m. to 12.30 p.m. to 2.45 p.m. to 3.00 p.m. to 11.00 a.m. to 11.00 a.m. to 12.30 p.m. SESSION III Introduction To Matlab And Basic CFD Concepts |



Five Days online Faculty Development Programme

on

COMPUTATIONAL FLUID DYNAMICS

STAFF ATTENDANCE

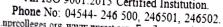
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|-------|----------|--------------------------|--|-----------------------|------------|----------|----------|------------|------------|------------|----------|------------|-----|
| 9.No. | | litle Name | Name of the Organisation | Designation | 08.06.2020 | | 00000000 | | | | | | |
| T. | Ā | r MR.E.NALLASIVAM | SSM college of Engineering | A conjection to D. C. | | T | 7.00.20 | | 10.06.2020 | 11.06.2020 | .2020 | 12.06.2020 | 020 |
| 2. | <u>Ā</u> | MR.K.S.GOWRISHANKA | | Assistant Professor | ۵, | ۵ | Д | Д | P P | Ь | Ь | Ь | Ь |
| 3. | Ā | S.GOWTHAM | Sri Krishna nalvasala i | Assistant Professor | Ь | Ы | Ь | Ь | P P | Ь | Ь | Д | ۵ |
| 4. | Mrs | rs C.MINIKALA | TAVAMATTIA PROPERTY | Assistant Professor | Ь | Ь | Ь | P | A | Δ, | ۵ | ۵ | |
| 5. | | S.MANOHARAN | SKYVAA CET | Assistant Professor | Ы | Ь | Ь | Ь | P P | Д | Ь | _ | |
| 9 | Σ̈́ | $\overline{}$ | GIDI AVAITEBUSE | Assistant Professor | Д | Ь | Ь | Ь | A | Ь | Д | | |
| 7. | ¥ | | SSN COLLEGE OF ENGINEERING | Assistant Professor | Д | Ь | Ь | Ь | P P | ۵ | <u>a</u> | | |
| ∞. | Ā | | BAPATI A ENGINEERING | Assistant Professor | Ь | Ы | Ь | Ь | P P | Д | ۵ | _ | ۵ ا |
| 9. | Ā | 1 | SSN College of Parising COLLEGE Assistant Professor | Assistant Professor | Ы | Ы | ۷. | v V | P P | Д | ۵ | _ | ۵ , |
| 10 | 10. Mr | | M.SELVAMSAGAYARA MOTH AI NEURII COMERCE COMERC | Assistant Professor | Д | Д | Ь | Ь | P P | ۵ | ۵ | | |
| 11 | 11. Ms | | SSE ACS College of Engineers | LECTURER | Д | Ь | Ь | Ь | P P | Д | | . 4 | |
| 12 | 12. Mr | ANBAZHAGAN K | SSN COLLEGE OF ENGREERING | Assistant Professor | Д | ۵ | Ь | Ь | P A | Д | ۵ | - | |
| 13 | 13. Dr. | | Sri Februar college of F. | Assistant Professor | Д | Ы | Ь | Ь | P P | ۵ | Δ | | |
| 14 | 14. Ms | | Decome College of Engineering | Assistant Professor | Ь | Ь | Ь | Д | Ь | Δ | , , | | ۱ ، |
| 15 | 7. | | Decean College of Engineering and | Assistant Professor | Ь | ۵ | ۵ | ۵ | + | + | 4 | 4 | ٦. |
| 3 | 3 3 | | Mohamed Sathak Engineering College | Assistant Professor | ۵ | , _ | | 4 6 | + | Д. | Ь | Д | Ы |
| o l | Io. | S.GOKUL | SSN College of Engineering | Assistant Denfer | | 4 | 4 | <u>.</u> | P | Ь | Ъ | Д | Ы |
| 17. | 17. Mr | K. SIRAJUDEEN | MOHAMED SATHAK ENGINEFRING Assistant Processor | A seistant Professor | ۵, | ۵ | Д | Д | P P | Ь | Д | 2 | ۵ |
| 18. | 18. Mr | SARAVANAN. M | Sri Lakshmi Ammal Engineering College I activities | Tochico. | Ы | <u>a</u> | а | Ы | P P | Ь | Д | ۵ | |
| 19. | 19. Mr | UDRAYYASWAMY.B.S | College of Technology and Engineering | Assistant D. C. | ۵, | Д | ы | Ы | P P | Ь | Ъ | Δ, | |
| 20. | 20. Mr | VIVRK KANCHARLA | - | Assistant Froressor | ۵ | Д | < | ٧ | P P | Ь | Ы | 4 | 4 |
| 21. | Mrs. | 21. Mrs. S. KRISHNAPRIYA | Т | Assistant Professor | Д | а | Ы | Ъ | P P | А | ۵ | | : _ |
| 22. | 22. Mr | LOKESHK | | Assistant Professor | Ы | Ь | Ь | Ь | Р | Δ | . Δ | | 4 |
| 23. | 23. Mr | R.VIVEK | \neg | Assistant Professor | Ь | Ь | Ы | <u>a</u> , | 4 | + | ء ا | ۱, | 4 |
| 24. | 24. Mr | SABYASACHI SUR | | Assistant Professor | Ъ | Ь | ۵ | _ | 0 | + | 4 | ٦, | ۵, |
| 25. | 25. Mr | | | Industry personal | _ | _ | - | , - | + | 1 | ۵. | Д | Ы |
| | | | KAJALAKSHMI ENGINEERING | Assistant Professor | ۵ | , _ | , , | ۱ ، | + | 4 | Ы | Α | Ь |
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|---------|--------|----------------------|---------------------------------------|----------------------|----|----|----------|-------|--------|-----|-----|----------|---|
| 26. Mr | | THILAK GOWDA N | My) College of Engineering | Topicion I Impressor | + | | . | . , | + | + | - | - | < |
| 27. Dr. | | B. GOPI | Government polytechnic | Senior Lecturer | Ы | Ы | ۵ | 4 | 7 | | 7 | < | - |
| 28 Mr | _ | VUSILLA SAI KUMAR | Chebrolu Engineering College | Assistant Professor | Ь | Ь | Ь | Ь | Ь | P P | A A | <u>۵</u> | 4 |
| 20 145 | | \top | zineering | Assistant Professor | Ы | Ь | Ь | Ь | Р | P P | P | Д | Д |
| 20 Pr | \neg | | \top | Associate professor | 4 | ۵ | Ь | Ь | P | P P | P | Ь | Ь |
| 2 2. | | | | Assistant Professor | Ь | ۵ | Ь | Ы | P | P P | P | Ь | Ь |
| 33 | Z Z | AGHI | RING | Assistant Professor | Ь | Ь | Д | Ы | P I | P P | Ь | Ь | ۵ |
| 33 | ě | | | Associate professor | Ь | Ь | Ы | Ы | P I | P P | P | Ь | Ь |
| 34 | 5 | 2 | | Associate Professor | Ь | а | <u>a</u> | Ь | A | P P | Ь | Ь | Д |
| 35 | 1 | V. THARANNEESWARA | gineering | Assistant Professor | Д | А | <u>a</u> | Ь | P F | P P | Ь | Ъ | ۵ |
| 36 | | | | Assistant Professor | d. | Ы | Ь | Ь | P F | P P | Ь | Д | Ь |
| 37 | | | Jaipur Engineering college | Associate Professor | Ь | Д | Ы | Ь | P F | P P | P | Ь | Ы |
| 38 | | | ERING | Associate professor | Д | Д | а | Ь | P F | P P | P | Ь | Ь |
| 39. | Mrs | 39. Mrs SARASWATHI.K | Hindusthan college of Engineering and | Assistant Professor | Ь | Ь | Ь | Ь | P F | P A | A | Ь | Ь |
| 40. | 40. Mr | T J MANIKANDAN | Hindusthan college of Engineering and | Assistant Professor | Ь | Ь | Ь | Р | P | ЬР | Ь | Д | 4 |
| 41. | | | Sri Eshwar college of Engineering | Assistant Professor | Ъ | J. | Ь | Ь | P F | РР | Ъ | Ъ | А |
| 42. | 42. Mr | RANJIT ARJUN | Dr. DAULATRAO AHER COLLEGE | Assistant Professor | Ь | Ь | Ь | Ь | P F | P P | Ь | Ъ | Ы |
| 43. | 43. Mr | | Immayam college of Engineering | Assistant Professor | Ь | Ь | Ь | Ь | Ь | Р | Ь | Ъ | Д |
| 44 | 44. Mr | G P KUMAR | Fatima Michael College of Engineering | Assistant Professor | Ь | Ь | Ъ | Ь | P | Р | Ы | A | 4 |







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DEPARTMENT OF MECHANICAL ENGINEERING

Five Days onlineFaculty Development Programme

COMPUTATIONAL FLUID DYNAMICS

Photograph

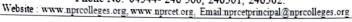
Presentation of Chief Guest







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DEPARTMENT OF MECHANICAL ENGINEERING

Five Days onlineFaculty Development Programme

COMPUTATIONAL FLUID DYNAMICS

PARTICIPANT FEEDBACK FORM

| NPR COLLEGE OF ENGINEERING & | |
|--|--|
| TECHNOLOGY, NATHAM | DEPARTMENT |
| DEPARTMENT OF MECHANICAL ENGINEERING FDF: COMPUTATIONAL FLUID DYNAMICS | Your answer |
| Email ' | |
| Valid email | NAME OF THE COLLEGE |
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| Title | Course Content * |
| FACULTY FEEDBACK FORM | C EXCELLENT |
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| The second state of the second | ○ FAIR |
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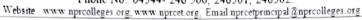


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DEPARTMENT OF MECHANICAL ENGINEERING

| Examples Provided during this FDP, " |
|--------------------------------------|
| EXCELLENT |
| 6000 |
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| Delivered by Resource Person * |
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| EXCELLENT |
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| SATISFACTORY |
| SATISFACTORY |
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| Overall rating of this FDP ' |
| EXCELLENT |
| GOOD |
| FAIR. |
| SATISFACTORY |
| |
| Any Other Comments / Suggestions * |
| Long answer text |



Five Days Online Faculty Development Programme

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"Computational Fluid Dynamics"

FEEDBACK SUMMARY REPORT

| Imestamp | Email Address | NAME OF THE STAFF | DESIGNATION | NAME OF THE COLLEGE | Course Content | Way Exposed the kno | Way Exposed the knowle Examples provided |
|-------------|---|---------------------|-------------------|---|----------------|---------------------|--|
| 4/5/2021 13 | 4/5/2021 17:05:50 logeshkkn@gmail.com LOKESH K | LOKESHIX | ASSISTANT PROFESS | ASSISTANT PROFESSE GUDLAVALLERU ENGINEERING COLLEGE | EXCELLENT | Good | EXCELLENT |
| 4/5/2021 13 | 4/5/2021 17:15:26 minikala879165@yahoo. MINIKALA C | 2. MINIKALA C | ASSISTANT PROFESS | ASSISTANT PROFESSC JAYAMATHA ENGINEERING COLLEGE | EXCELLENT | FAIR | EXCELLENT |
| 4/5/2021 17 | 4/5/2021 17:21:52 tgsndhirsmkumar@gmai T GANDHIRAM | S T GANDHIRAM | ASSISTANT PROFESS | ASSISTANT PROFESSESSN COLLEGE OF ENGINEERING | Good | EXCELLENT | C. T. |
| 4/5/2021 13 | 4/5/2021 17:29:32 vpradespraj@gmail.com V PRADEEP | 1 V PRADEEP | ASSOCIATE PROFESS | ASSOCIATE PROFESS(SSM COLLEGE OF ENGINEERING | EXCELLENT | Good | EXCELLENT |
| 4/5/2021 18 | 4/5/2021 18:10:02 pandiyarajan456@gmail. R.PANDIYARAJAN | R. PANDIYARAJAN | ASSISTANT PROFESS | ASSISTANT PROFESSC DECCAN COLLEGE OF ENGINEERING AND TECHNOLOX Good | LOX Good | Good | FAR |
| 4/5/2021 17 | 4/5/2021 17:28:02 gowthsms265@yshco.cx S. GOWTHAM | x S. GOWTHAM | ASSISTANT PROFESS | ASSISTANT PROFESSCSR) KRISHNA POLYTECHNIC COLLEGE | EXCELLENT | Good | Good |
| 4/5/2021 17 | 4/5/2021 17:28:30 saravanangp25@gmail.c M. SARAVANAN | c M. SARAVANAN | ASSOCIATE PROFESS | ASSOCIATE PROFESS(SRI LAXSHMNI AMMAL ENGINEERING COLLEGE | EXCELLENT | EXCELLENT | FAR |
| 4/5/2021 17 | 4/5/2021 17:19:16 chiranjeevitadimps@gms CHIRANJEEVI TADI | | ASSISTANT PROFESS | ASSISTANT PROFESSC BAPATLA ENGINEERING COLLEGE | EXCELLENT | EXCELLENT | EXCELLENT |
| 4/5/2021 17 | ි.30:36 satheeshkumarp@gms# | I. SATHEESH KUMAR P | ASSISTANT PROFESS | 4/5/2021 17:30:36 satheeshkumarp@gmail SATHEESH KUMAR P - ASSISTANT PROFESSC SRINIVASA COLLEGE OF ENGINEERING | EXCELLENT | Good | Good |
| 4/5/2021 17 | 4/5/2021 17:28:26 vivekr125@gmail.com VIVEK R | | ASSISTANT PROFESS | ASSISTANT PROFESSCISSN college of Engineering | EXCELLENT | EXCELLENT | Good |

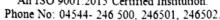
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| ### DESIGNATION #################################### | FIGURE 1 / 20.00 WHEFT 20.00 COM VIVEN R |

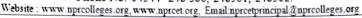




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DEPARTMENT OF MECHANICAL ENGINEERING

Five Days online Faculty Development Programme

on

COMPUTATIONAL FLUID DYNAMICS

Summary Report

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

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

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

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

ProgramCo-ordinator

IQAC Co-ordinator

Principal

Principal

Head of the Department Coordinator - IQAC Principal Department of Mechanical Engineering PR College of Engineering & Technic College of Engineering & Technic College of Engineering & Technology Natham, Dindigul (Dt)-624 401 Natham, Dindigul (Dt) - 624 401

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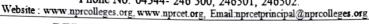




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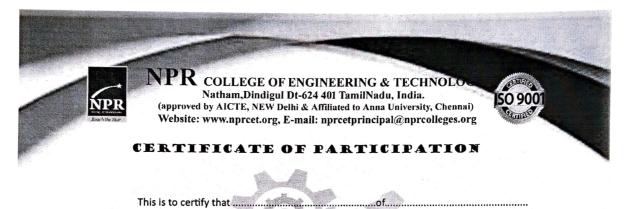
DEPARTMENT OF MECHANICAL ENGINEERING

Five DaysFaculty Development Programme

on

COMPUTATIONAL FLUID DYNAMICS

CERTIFICATE



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

CONVENER Dr.T. Malaichamy HoD/Mech



Principal Dr.J.Sundararajan







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DEPARTMENT OF CIVIL ENGINEERING

Five Days Faculty Development Programme

'INNOVATIVE CONTACTLESS INVESTIGATION TECHNIQUES IN CIVIL ENGINEERING'

INDEX

EVENT: FDP ON "INNOVATIVE CONTACTLESS INVESTIGATION TECHNIQUES IN CIVIL **ENGINEERING"**

ACADEMIC YEAR: 2020 -2021

SEMESTER: EVEN

DURATION: Five Days

| S.No. | Particulars | Page No. |
|-------|-------------------------------|----------|
| 1. | Permission Letter | ١ |
| 2. | Covering Letter | 5 |
| 3. | Brochure | 6 |
| 4. | Circular | 7 |
| 5. | Invitation | 8 |
| 6. | Course Content | 9 |
| 7. | Programme Schedule | 10 |
| 8. | Staff Attendance | 13 |
| 9. | Photography | 14 |
| 10. | Summary Report | 16 |
| 11. | Certificates of the Programme | 17 |

Programme Co-ordinator

IQAC Co-ordinator

Principal

P. MANIKANDAN

AD-CIVL

Coordinator - IQAC

Head of the Department R College of Engineering & Technolo Department of Civil Engineering Natham, Dindigul (Dt)-624 401 Co Coffege of Engineering & Tech-

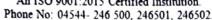
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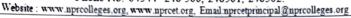




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DEPARTMENT OF CIVIL ENGINEERING

PERMISSION LETTER

DATE: 04.08.2020

From

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

To

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

Respected Sir,

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

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

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

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

Thanking you

NATHAM HOLD

Yours Faithfully, Dr.A.Hemalatha

HoD-Civil

Head of the Department

Department of Civil Ed

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NPR C-"cg



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| FUNCTION PERMISSION LETTER | | | | |
|----------------------------|--------------------------------|---|--|--|
| | | Letter date : 06.08.2020 | | |
| Sl.No. | PARTICULARS | | | |
| 1. | Name of the College | NPR College of Engineering & Technology | | |
| 2. | Department | Civil Engineering | | |
| 3. | Title of the Function | Five Days FDP on 'INNOVATIVE CONTACTLESS INVESTIGATION TECHNIQUES IN CIVIL ENGINEERING' | | |
| 4. | Function Date | 17.08.2020 to 21.08.2020 | | |
| 5. | Function Name | Faculty Development Programme | | |
| 6. | A. Resource Persons Names | 1.Er.A.Karthikeyan M.E,MIE,MIGS, Karthikeyan Associates, Structural and Geo Technical Engineer, Designer, Chennai 2.Dr.R.Siva Chidambaram Scientist, Advanced Structural composite and Durability Section CSIR – CBRI, Roorkee. | | |
| | B. Mode of Transport Receiving | No | | |
| | C. Mode of Transport Sending | No | | |
| | D. Honoring | - | | |
| | i. Memento | No | | |
| | ii. Shawl | No | | |
| | iii. Bouquey | No | | |
| | E. Tiffin / Lunch /Dinner | No | | |
| | F. Tea & Snacks | No | | |
| 7. | Tea & Snacks for Staff | No | | |
| 8. | Invitation& Flex Designing | | | |





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





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





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Date: 05.08.2020

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DEPARTMENT OF CIVIL ENGINEERING

COVERING LETTER

Chief Patron

Mr.M.Sivakumar Chief Administrative Officer, NPRGI

Patron

Dr.J.Sundararajan Principal

Convener

Dr.A.Hemalatha HoD-Civil

Co-ordinator

Mr.P.Manikandan, AP/Civil

Organizing Committee Members

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

To

The Principal / Dean / Director, All Engineering Colleges.

Dear Sir / Madam,

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

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

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

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

Thanking you

With regards,

Dr.A.Hemalatha HoD-Civil

NATHAM CHANGE

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



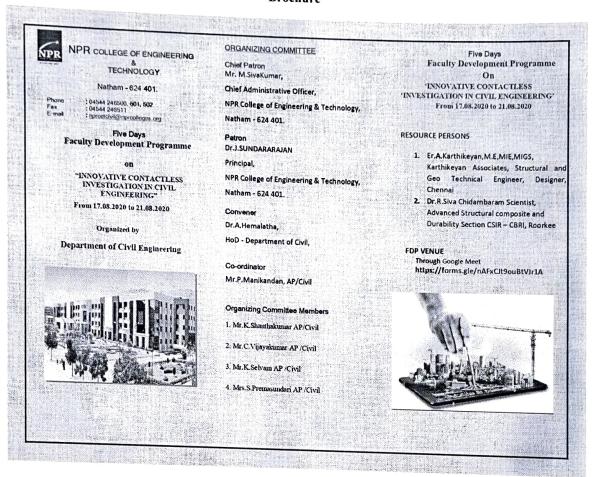


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DEPARTMENT OF CIVIL ENGINEERING

Five Days Faculty Development Programme

'INNOVATIVE CONTACTLESS INVESTIGATION TECHNIQUES IN CIVIL ENGINEERING' Brochure







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DEPARTMENT OF CIVIL ENGINEERING

Five Days Faculty Development Programme

on

'INNOVATIVE CONTACTLESS INVESTIGATION TECHNIQUES IN CIVIL ENGINEERING'

Brochure

ABOUT THE INSTITUTION

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

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

ABOUT THE DEPARTMENT

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

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

SIGNIFICANCE OF INNOVATIVE CONTACTLESS
INVESTIGATION IN CIVIL ENGINEERING

NPR College of Engineering & Technology have goal to

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

TOPICS TO BE COVERED

- *Applications of Drone survey in Civil Engineering

 *Applications of Ground Penetration Radar In

 Sub-Surface Investigation
- *MASW testing for High Depth Investigation *Analysis of large bored piles by using O-Call test
- methods
- *Use of Photogrammetric in 3D Modeling and *Visualization of Buildings Smart Buildings
- Nondestructive evaluation of structures
 *Analysis of thermal characteristics of Geo
- materials

 *Advanced field testing for compaction control at
 the site
- IMPORTANT DATES

Last date for registration : 15.08,2020

Confirmation of registration

through E-mail : 16.08.2020

BOARDING AND LODGING

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

REGISTRATION FEE DETAILS

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

ADDRESS FOR CORRESPONDENCE

Dr.A.Hemalatha

HoD - Department of Civil

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

TamilNadu , Mobile: 9894879990.

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

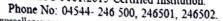


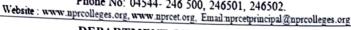




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DEPARTMENT OF CIVIL ENGINEERING

CIRCULAR

DATE: 10.08.2020

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

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

ordinator

Head of the Department Department of Civil Engineering

NPR College of Engineering & Technology Natham, Dindigul (DT) - (1/401.



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DEPARTMENT OF CIVIL ENGINEERING

The Management, Principal and Staff Cordially invite you for the inauguration of **Five Days Faculty Development Programme**

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

On 17th August, 2020

Through: Google Meet at 09.30 a.m.

Chief Guest

Dr.R.Siva Chidambaram Scientist, **Advanced Structural composite and Durability Section** CSIR - CBRI, Roorkee.

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

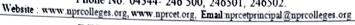
> > Organized by

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





Phone No: 04544- 246 500, 246501, 246502





DEPARTMENT OF CIVIL ENGINEERING

Five Days Faculty Development Programme

INNOVATIVE CONTACTLESS INVESTIGATION TECHNIQUES IN CIVIL ENGINEERING

Course Content:

The Theoretical sessions conducted will include the following topics:

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

P.MANIICANDAN

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





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DEPARTMENT OF CIVIL ENGINEERING

Five Days Faculty Development Programme

or

INNOVATIVE CONTACTLESS INVESTIGATION TECHNIQUES IN CIVIL ENGINEERING

Programme Schedule

Venue: Google Meet

Date: 15.08.2020

External Resource Persons: Internal Resource Persons: In

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





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| | 9:30 a.m 10:45 a.m. | SESSION | Analysis of large bored piles using O-Cell test methods | Mr.C.Vijayakumar AP /Civil, NPRCET | | | |
|---------------------|-----------------------------|----------------|---|---|--|--|--|
| | 10:45 a.m. to 11.00 a.m. | | Te | ea Break | | | |
| | 11.00 a.m. to 12.30 p.m. | SESSION II | Analysis of large bored piles using O-Cell test methods | Mrs.S.Premasundari AP /Civil , NPRCET | | | |
| | 12.30 p.m.to 1.30 p.m. | | Lun | ch Break | | | |
| Day 2 18.08.2020 | 1.30 p.m.to 2.45 p.m. | SESSION | Analysis of large bored piles using O-Cell test methods | Mr.C.Vijayakumar AP /Civil, NPRCET | | | |
| | 2.45 p.m.to 3.00 p.m. | | Te | a Break | | | |
| | 3.00 p.m.to 4.00 p.m. | SESSION IV | Analysis of large bored piles using O-Cell test methods | Mr.C.Vijayakumar AP /Civil, NPRCET | | | |
| | 9:30 a.m.to 10:45 a.m. | SESSION I | Use of Photogrammetric in 3D Modeling and Visualization of Buildings Smart Buildings | Dr.R.Siva Chidambaram Scientist, Advanced Structural composite and Durability Section CSIR – CBRI, Roorkee | | | |
| Day 3 19.08.2020 | 10:45 a.m. to 11.00 a.m. | | Tea Brea | ak | | | |
| | 11.00 a.m. to 12.30 p.m. | SESSION II | Use of Photogrammetric in 3D Modeling and Visualization of Buildings Smart Buildings | Dr.R.Siva Chidambaram Scientist, Advanced Structural composite and Durability Section CSIR – CBRI, Roorkee | | | |
| | 12.30 p.m.to 1.30 p.m. | | Lunch Break | | | | |
| | 1.30 p.m.to 2.45 p.m. | SESSION III | Advanced field testing for compaction control at the site | Mrs.S.Premasundari AP/Civil, NPRCET | | | |
| | 2.45 p.m.to 3.00 p.m. | | Tea Brea | k | | | |
| | 3.00 p.m.to 3.45p.m. | SESSION IV | Advanced field testing for compaction control at the site | Mrs.S.Premasundari AP /Civil , NPRCET | | | |
| | 9:30 a.m.to 10:45 a.m. | SESSION I | Introduction of Non Destructive Structures | Mr.C.Vijayakumar AP /Civil, NPRCET | | | |
| Day 4 | 10:45 a.m. to11.00 a.m. | | Tea Break | | | | |
| 20.08.2020 | 11.00 a.m. to 12.30 p.m. | SESSION II | Nondestructive evaluation of structures | Er.A.Karthikeyan, Karthikeyan Associates, Structural and Geo Technical Engineer | | | |
| | 12.30 p.m.to 1.30 p.m. | | Lunch Brea | ık | | | |
| | | | | | | | |





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DEPARTMENT OF CIVIL ENGINEERING

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

Programme Co-ordinator P.MANI KANDAN

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





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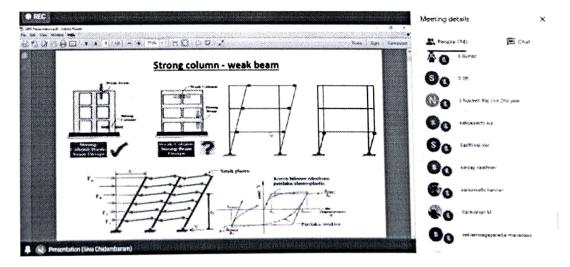
Five Days Faculty Development Programme

10

INNOVATIVE CONTACTLESS INVESTIGATION TECHNIQUES IN CIVIL ENGINEERING Photograph



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



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





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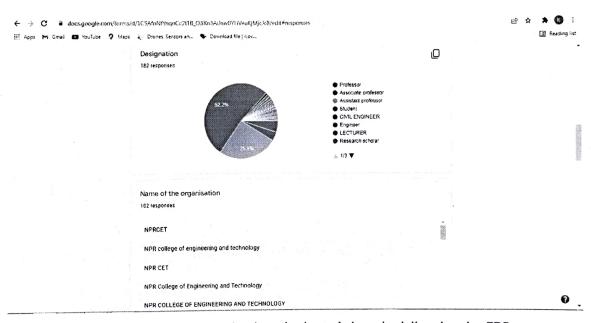
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| | INNOVATIVE CONTACTLESS INVESTIGATION IN CIVIL ENGINEERING Organised by Department of civil Engineering NPR college of Engineering & Technology NPR Nogar Natham-624401 Dindigul Date: 08.06.2021 TO 12.06.2021 | • • • • • • • • • • • • • • • • • • • | | |
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Innovative contactless investigation techniques in civil engineering FDP registration Form



Responses for Innovative contactless investigation techniques in civil engineering FDP





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DEPARTMENT OF CIVIL ENGINEERING

Five Days Faculty Development Programme

on

INNOVATIVE CONTACTLESS INVESTIGATION TECHNIQUES IN CIVIL ENGINEERING

Summary Report

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

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

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

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

Programme Co-ordinator

Hopocivil

IQAC Co-ordinator

Principa

Head of the Department

Department of Civil Engineering Coordinatory PRA College of Engineering & Technology

NPR College of Engineering & Technology

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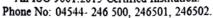




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DEPARTMENT OF CIVIL ENGINEERING

Five Days Faculty Development Programme

on

INNOVATIVE CONTACTLESS INVESTIGATION TECHNIQUES IN CIVIL ENGINEERING

CERTIFICATE





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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

THREE DAYS WORKSHOP ON MATLAB & SIMULINK

18th to 20th AUGUST 2020

ACADEMIC YEAR: 2020-2021

SEMESTER: ODD

DURATION: 3 DAYS

| S.NO. | PARTICULARS | PAGE NO. |
|-------|-------------------------------------|----------|
| 1 | PERMISSION LETTER | 2 |
| 2 | COVERING LETTER | 3 |
| 3 | BROCHURE | 4 |
| 4 | INVITATION | 5 |
| 5 | PROGRAMME SCHEDULE | 7 |
| 6 | PHOTOGRAPH | 11 |
| 7 | SAMPLE OF PARTICIPANT FEEDBACK | 13 |
| 8 | SUMMARY REPORT | 14 |
| 9 | SAMPLE CERTIFICATE OF THE PROGRAMME | 16 |

Programme Co-ordinator

Co-ordinator IQAC

Principal

Head of the Depolin

Department of Electrical & Electronic Tracollegical Engineering & Technology NPR College of Engineering & Technology, Dindigul (Dt)-624 401

tham, Dindigul (Dt) - 624 401

Natham, Dindigul (DT) - 624-441





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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

PERMISSION LETTER

DATE: 28.07.2020

From

Prof. G. Elangovan

Head of the Department,

Department of Electrical and Electronics Engineering,

NPR College of Engineering & Technology,

Natham, Dindigul.

To

The Principal,

NPR College of Engineering & Technology,

Natham, Dindigul.

Respected Sir,

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

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

Thanking You,

Mr.GÆkingovan

Head of the Department
Department of Electrical & Electronics Engineering
NPR College of Engineering & Technology

Natham, Dindigul (DT) - 624 401.



NPR College of Engineering & Technology

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

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

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

| | COVERING LETTER |
|---------------------------------|---|
| Chief Patron | Date: 30.07.2020 |
| Dr.K.K.Shyam Umasankar | |
| Executive Director, NPRGI | То |
| | The Principal / Dean / Director, |
| Patron | All Engineering Colleges. |
| Dr. J. Sundararajan, | Dear Sir / Madam, |
| Principal | Sub: Three days Workshop on 'MATLAB & |
| Convener | SIMULINK' – Reg. |
| 33 | We have great pleasure in informing you that the |
| Prof. G.Elangovan, | Department of Electrical & Electronics Engineering, NPR |
| HOD / EEE | College of Engineering & Technology, Natham is |
| | organizing Three Days Workshop on 'MATLAB & |
| Co-ordinator | SIMULINK' from 18 th Aug to 20 th Aug 2020. |
| Mr.T.Sivakumar AP/EEE | The objective of this programme is to familiarize and train the industrial experts, academicians |
| Organizing Committee Members | and research scholars in these emerging areas. We shall be glad to receive nominations from your Institution on or before 15.08.2020. |
| 1. Mr.S.Sathyamoorthi, AP/EEE | Vindly forward the attached breaking to the EEE |
| 2. Mrs.Anitha AP/EEE | Kindly forward the attached brochure to the EEE department. Looking forward to your kind cooperation for |
| 3. Ms.K.Tamilselvi, AP/EEE | the success of the workshop |
| 4. Mr.M.Edwin Lawrance, | Thanking you, |
| AP/EEE | With regards, |
| | HøD/- EEE |
| | Prof. G.Elangovan |



College of Engineering & Technology

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Brochure

ABOUT COLLEGE

NPR College of Engineering & Technology is one of the premier institutions in South Tamil Nadu situated near Numbers in Direign District. The institution was established in 2008 by Titan Educational Trust with an expited aim of uplifting the rural students to excel in the field of Engineering and Technology. It is approved by AICTE and affiliated to Anna University, Chennal, The institution encompasses a lash green environment with lawns and gardens in pristing surroundings conducive for learning. The institution offers 8 Under Graduate courses in Engineering and 1 Post graduate course in Engineering as well as Maragement studes. Our college is an institutional life member of various professional bodies like ICI, ISIE, ICIE, and QI. Our institution res Centre of Excellence in CISCO, IIC, Red Hat Academy, Rural Entrepreneurship Development Cell and local chapter of NPTEL Colege has a vibrant Placement Cell, Women Development Cell, Industry - Institute Interaction Cell, Internal Quality Assurance Cell and signed MoUs with leading National and International engineering industries. Being the green campus, our college is mancred with IGEN Award and JAL SAKTHI award for Clean and Smart campus by AICTE in 2019.

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering was started in the year 2008 It offers a four year 5.5. de gree programme in Electrical and Electronics Engineering and Two year PG programme in MF — Power Electronics and drives. The course has been designed to provide students a strong foundation in theory to equip them with skills that are necessary to grasp and develop new technologies. The faculty members are dedicated towards maintaining a high quality of teaching and always encourage innovative OBJECTIVE

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

Research Thesis Technical paper to journal publications

RESOURCE FERS ONS

1. Mr.K.Ramak riishna n

Managing Director, Solypsis I shall ordin Private Limited, Rengal ou

2. Mr.R.Je ikume r

Se n'or Software Engineer, Sulypsis Lybal rulia Prinate Limited, Berngalaire.

5. Dr. P. Selvem

Associate Professor, Government College of Engineering Tirure (vel).

BOARDING AND LODGING

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

COURSE FEE AND REGISTRATION

| Details | Amount |
|-----------------|------------------------------|
| Registrationfee | Rs. 500/- |
| | (Faculty Members) |
| | Re 300/- (Struments/Research |
| | Scholarsi |
| Accommodation | Rs. 100/- per day |
| and Exarding | |

Duy filled in registration form with the Demand Draft on favor of "N.P.R College of Engineering and Technology" payable at Dindigit should reach the Coordnator on ar before 17.08 2020.

Asive have limited number of entries, priority will be given on first come first served basis. Student participants must bring their I DC ards.

IMPORTANT DATES

Last date for Receipt of Application: 15.0 & 2010 : 15.0-8, 2020 ratimation of Selection

CONTACT US

The Coordinato Workshop or MATIAB & SIMULINK, Department of FFF NPR College of Engineering and Technology, NFR Nagar, Nathern - 624 401 Phone 0 154 4- 305 516, 9008 4860 57, 9944 580 995. E-mail inproxite ee@nprodle ges.org

THREE DAYS WORKSHOP Cn "MATLAB & SIMULINK"

18th to 20th August 2020

Organized by

Department of Electrical and Electronics Engineering







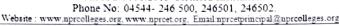
NFR College of Engineering and Technology NFR Nagar, Natham - 624 401 Phone: 04544- 305 516, 900/3486057. 9944380995.

E-mail: nprceteee@nprcolleges.org



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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

THREE DAYS WORKSHOP

'MATLAB & SIMULINK'

from 18th to 20th August 2020

Venue: NPRCET SEMINAR HALL

Chief Guest

Dr.S.Manoharan

Professor & Head,

Department of E&I

Karpagam College of Engineering, Coimbatore.

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

Organized By

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



NPR College of Engineering & Technology

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

WORKSHOP AGENDA

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





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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

THREE DAYS WORKSHOP on 'MATLAB & SIMULINK'

PROGRAMME SCHEDULE

Venue: NPRCET SEMINAR HALL

Date: 18.08.2020

EXTERNAL RESOURCE PERSONS:

INDUSTRY EXPERTS:

1. Mr.K. Ramakrishnan,

Managing Director, Solypsis Labs India Private Limited, Bengaluru, Karnataka.

2. Mr. R Jaikumar,

Senior Software Engineer, Solypsis Labs India Private Limited, Bengaluru Karnataka

ACADEMICIAN:

3. Dr.P.Selvam,

Associate Professor/EEE, Government College of Engineering, Tirunelveli, Tamil Nadu.

INTERNAL RESOURCE PERSON:

4. Mr.T.Sivakumar AP/EEE

NPR College of Engineering & Technology



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

| | 1 | PROGRAM | IME SCHEDULE | |
|------------|---------------------------|----------------|--|---|
| DATE | TIME | SESSION | TOPIC | RESOURCE PERSON |
| | 9:00 a.m. | | Registratio | n |
| | 9:30 a.m. to 10:00 a.m. | | Inauguratio | n |
| Day 1 | 10:00 a.m. to 11:30 a.m. | SESSION I | Matlab/Simulink applications in Electrical engineering | Dr.S.Manoharan Professor & Head, Department of E&I Karpagam College of Engineering, Coimbatore |
| 18.08.2020 | 11:30 a.m. to 11.45 am | | Tea Break | |
| | 11:45 a.m. to 01:15 p.m. | SESSION II | Algorithm development | Mr.K. Ramakrishnan, Managing Director, Solypsis Labs India Private Limited, Bengaluru. |
| | 01:15 p.m. to 02: 00 p.m. | | Lunch Brea | k _ |
| | 02:00 p.m. to 03: 15 p.m. | SESSION III | Modelling, simulation and prototyping | Mr. R Jaikumar, Senior Software Engineer, Solypsis Labs India Private Limited, Bengaluru. |
| | 03:15 p.m. to 03:30 p.m. | | Tea Break | |
| | 03:30 p.m. to 04: 45 p.m. | SESSION IV | Data analysis, exploration, and visualization | Mr. R Jaikumar, Senior Software Engineer, Solypsis Labs India Private Limited, Bengaluru. |





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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

| | | PROGRAM | ME SCHEDULE | |
|---------------------|---------------------------|----------------|---|---|
| DATE | TIME | SESSION | ТОРІС | RESOURCE PERSON |
| | 10:00 a.m. to 11:30 a.m. | SESSION I | Scientific and engineering graphics | Mr. R Jaikumar, Senior Software Engineer, Solypsis Labs India Private Limited, Bengaluru. |
| | 11:30 a.m. to 11.45 am | | Tea Break | |
| Day 2 19.08.2020 | 11:45 a.m. to 01:15 p.m. | SESSION II | Application development | Mr. R Jaikumar, Senior Software Engineer, Solypsis Labs India Private Limited, Bengaluru. |
| | 01:15 p.m. to 02: 00 p.m. | | Lunch Break | |
| | 02:00 p.m. to 03: 15 p.m. | SESSION III | Simulink Concepts, Interactive Model Editing | Mr.K. Ramakrishnan, Managing Director, Solypsis Labs India Private Limited, Bengaluru. |
| | 03:15 p.m. to 03:30 p.m. | | Tea Break | |
| | 03:30 p.m. to 04: 45 p.m. | SESSION IV | Programmatic Model Editing | Mr.K. Ramakrishnan, Managing Director, Solypsis Labs India Private Limited, Bengaluru. |





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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

| | | PROGRAM | ME SCHEDULE | |
|---------------------|---------------------------|----------------|---|---|
| DATE | TIME | SESSION | TOPIC | RESOURCE PERSON |
| | 10:00 a.m. to 11:30 a.m. | SESSION I | Model Upgrades, Block Libraries | Dr.P.Selvam, Associate Government Engineering, Tamilnadu. Professor/EEE, College of Tirunelveli, |
| | 11:30 a.m. to 11.45 am | | Tea Break | |
| Day 3 20.08.2020 | 11:45 a.m. to 01:15 p.m. | SESSION II | Simulink Environment Customization | Dr.P.Selvam, Associate Professor/EEE, Government College of Engineering, Tirunelveli, Tamilnadu. |
| | 01:15 p.m. to 02: 00 p.m. | | Lunch Break | Κ |
| | 02:00 p.m. to 03: 15 p.m. | SESSION III | Containing Graphical User Interface building | Mr. T.Sivakumar, AP/EEE, NPRCET,Natham |
| | 03:15 p.m. to 03:30 p.m. | | Tea Break | |
| | 03.30 p.m. to 4.00 p.m. | | Valedictory | 1 |

Head of the Department

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

NATHAM

10

Principal



NPR College of Engineering & Technology

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

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

THREE DAYS WORKSHOP 'MATLAB & SIMULINK'



Practice Session



NPR College of Engineering & Technology

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

THREE DAYS WORKSHOP

on 'MATLAB & SIMULINK' PARTICIPANTS FEEDBACK REPORT

I attended the Third of mys Morehasps
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FEEDBACK SUMMARY

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



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

THREE DAYS WORKSHOP on 'MATLAB & SIMULINK'

SUMMARY REPORT

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

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

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

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

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

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



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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

Co-ordinator IQAC

Principal

Head of the Department Coordinator - IQAC

Department of Electrical & Electronics of Engineering & Technology

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

Dindigul (Dt) - 62**4 401**

Natham, Dindigul (DT) - 624 444

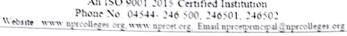
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

THREE DAYS WORKSHOP on 'MATLAB & SIMULINK'

CERTIFICATE



NPR COLLEGE OF ENGINEERING &TECHNOLOGY

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE

CO-ORDINATOR

HOD/EEE

PRINCIPAL



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DEPARTMENT OF SCIENCE & HUMANITIES

Five Days Faculty Development Programme

on

'RESEARCH METHODOLOGY: TOOLS & TECHNIQUES'

INDEX

ACADEMIC YEAR: 2020 -2021

SEMESTER: I

DURATION: Five Days

| S.No. | Particulars | Page. No. |
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| 12. | Certificate of the Programme | 14 |

C. Musthy Programme Co-ordinator

HoD-S&H

IQAC Co-ordinator

Principal

Coordinator - IQAC Dr.

NPR College of Engineering & Technology

Natham, Dindigul (Dt)-624 401

Dr. J.SUNDARARAJAN, ology S.E., M.Tech., Ph.D., Principal

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





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DEPARTMENT OF SCIENCE & HUMANITIES

PERMISSION LETTER

DATE: 02.07.2020

From

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

To

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

Respected Sir,

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

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

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

Thanking you

NATHAM NO

Yours Faithfully,

Dr.T.PRIYA

HoD-S&H



College of Engineering & Technology

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DEPARTMENT OF SCIENCE & HUMANITIES

CIRCULAR

DATE: 02.07.2020

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

The details of the training programme are given below:

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

o-ordinator

HoD-S&H

IQAC Co-ordinator

Principal Dr. J.SUNDARARAJAN

Coordinator - IQAC

NPR College of Engineering & Technology

B.E., Mach., Ph. .. Principal

Natham, Dindigul (Dt)-624 40.P.R. College of Engineering & Technology Natham, Dindigul (Dt) - 624 401.





NPR College of Engineering & Technology

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Date: 02.07.2020

DEPARTMENT OF SCIENCE & HUMANITIES

COVERING LETTER

Chief Patron

Mr.M. Sivakumar Chief Administrative officer

Patron

Dr.J.Sundararajan Principal

Convener

Dr.T.Priya HoD - S & H

Co-ordinator

Mrs.R.Muthukumari, AP/Maths

Organizing Committee Members

1.Mrs.K.Poorani, AP/Physics

2.Mrs.S.Kanagalakshmi, AP/Maths

3. Mr.U.VijayaNarayanan, AP/Maths

To

The Principal / Dean / Director, All Engineering Colleges.

Dear Sir / Madam,

Sub: Five days Faculty Development Programme on 'RESEARCH METHODOLOGY: TOOLS & TECHNIQUES' - Reg.,

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

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

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

Thanking you

With regards,

Dr.T.Priya HoD- S&H



REGISTRATION FORM

"RESEARCH METHODOLOGY: TOOLS & FACULTY DEVELOPMENT PROGRAMME 06™ TO 10™JULY 2020 TECHNIQUES"

(To be filled in block letters)

Department:

Gender: Male / Female

Organization . Designation :...

Address for Communication: ...

Phone :...

CASH Mode of Payment: DD

Email id ::::

Name of Bank: DD No.:

Date:

Amount Rs.

Principal,NPR College of Engineering & Technology" payable Rs.500/- Demand Draft should be drawn in favour of "The at Natham]

Date:

Signature:

ORGANIZING COMMITTEE

Chief Patron

Chief Administrative Officer, NPR Group of Institutions, Natham - 624 401. Mr.M.Sivakumar

Patron

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

Convener

HOD / S&H Dr.T.Priya

Co-ordinator



Mrs.R.Muthukumari, AP/Maths

Members

- 1. Mrs.K.Poorani, AP/Physics
- 2. Mrs.S.Kanagalakshmi,AP/Maths
- 3. Mr.U.Vijaya Narayanan, AP/Maths

"RESEARCH METHODOLOGY: TOOLS & FACULTY DEVELOPMENT PROGRAMME TECHNIQUES"

06™ TO 10™JULY 2020

Organized by

Department

SCIENCE AND HUMANITIES

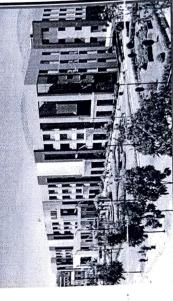




NPR COLLEGE OF ENGINEERING **TECHNOLOGY**

Approved by AICTE, New Delhi & Affiliated to (An ISO 9001:2015 Certified Institution) Anna University, Chennai. Natham - 624 401.

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



ABOUT THE INSTITUTION

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

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

ABOUT THE DEPARTMENT

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

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

The department is equipped with physics laboratory communication skills laboratory.

OBJECTIVE

Scope of the Training Programme:

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

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

RESOURCE PERSONS

Dr.A. Joseph Dorairaj

Gandhigram deemed university, Dindigul. Department of English

2. Dr.P. Kalyani

Head-Department of chemistry, MK Department of Chemistry University,

3.Dr.S. Jeyabharathi, Madurai

Thiagarajar college of engineering, Madurai Head-Department of Mathematics,

Gandhigram Deemed University,Dindigul Professor (Rtd), GRI, 4.Dr.S. Arumugam,

ESTE V

IMPORTANT DATES

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

REGISTRATION FEE DETAIL

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

ABOUT THE LOCATION

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

VENUE

NPRCET SEMINAR HALL

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

ADDRESS FOR CORRESPONDENCE

Dr.T.Priya,

HOD / S&H

NPR College of Engineering & Technology,

Tamil Nadu. Mobile: 9790556663

Natham - 624 401.

Email ID: nprcets&h@nprcolleges.org



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.

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



DEPARTMENT OF SCIENCE & HUMANITIES

The Management, Principal and Staff Cordially invite you for the inauguration of **Five Days Faculty Development Programme**

RESEARCH METHODOLOGY: TOOLS & TECHNIQUES' On 06thJuly, 2020

Venue: NPRCET Seminar Hall

Chief Guest

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

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

Organized by

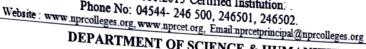
Department of Science & Humanities, NPR College of Engineering & Technology, NPR Nagar, Natham.





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DEPARTMENT OF SCIENCE & HUMANITIES

Five Days Faculty Development Programme

RESEARCH METHODOLOGY: TOOLS & TECHNIQUES

Course content:

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

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

Programme Co-ordinator

HoD-S&H

IQAC Co-ordinator

Coordinator IQAC NPR College of Engineering & Technology

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

Principa

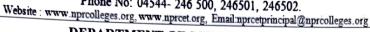
Principal





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

Co-ordinator

HoD/S&H

Principal

-- Coordinator - IQAC

NPR College of Engineering & Technology

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

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



NPR College of Engineering & Technology

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DEPARTMENT OF SCIENCE & HUMANITIES PROGRAMME SCHEDULE

| DATE | TIME | SESSION | TOPIC | RESOURCE PERSON |
|---------------------|--------------------------|----------------|--|--|
| DATE | THAL | SESSION | 10110 | |
| | 9:30 a.m. to 10:00 a.m. | Inauguration | | |
| Day 1 06.07.2020 | 10:00 a.m. to 11:10 a.m. | SESSION I | Introduction of Research | Dr.J.Sundararajan, Principal, NPR CET |
| | 11:10 a.m. to 11:30 a.m. | Tea Break | | |
| | 11:30 a.m. to 12:30 p.m. | SESSION | Keynote Address on What is Research, RM and Process | Dr.A.JosephDorairaj, Professor Department of English, Gandhigram Deemed University |
| | 12:30 p.m.to 1: 30 p.m. | Lunch Break | | |
| | 1:30 p.m.to 2: 45 p.m. | SESSION | Research Design | Mrs.A.Kanimozhi, ASP/MATHS – NPRCET |
| | 2:45 p.m.to 3: 00 p.m. | Tea Break | | |
| | 3:00 p.m.to 4: 00 p.m. | SESSION IV | Literature Review | Mr. U.Vijayanarayanan AP/MATHS – NPRCET |
| | 9:30 a.m 10:45 a.m. | SESSION I | Patent Search Methodology | Dr. T, Arokiadoss, Head Department of Physics, MK University, Madurai. |
| | 10:45 a.m. to 11.00 a.m. | Tea Break | | |
| | 11.00 a.m. to 12.30 p.m. | SESSION II | Advanced Simulation Software Tools | Dr. T, Arokiadoss, Head Department of Physics, MK University, Madurai. |
| | 12.30 p.m.to 1.30 p.m. | Lunch Break | | |
| | 1.30 p.m.to 2.45 p.m. | SESSION III | Advanced Simulation Software Tools 2 | Mr. P. Madasamy, AP/Maths |
| | 2.45 p.m.to 3.00 p.m. | Tea Break | | |
| | 3.00 p.m.to 4.00 p.m. | SESSION IV | Experimental Research | Dr. T. Priya, HOD, S&H |
| | 9:30 a.m 10:45 a.m. | SESSION I | Design of Experiments | Dr.S.Jeyabharathi, Head Department of Mathematics, Thiagarajar College of Engineering, |





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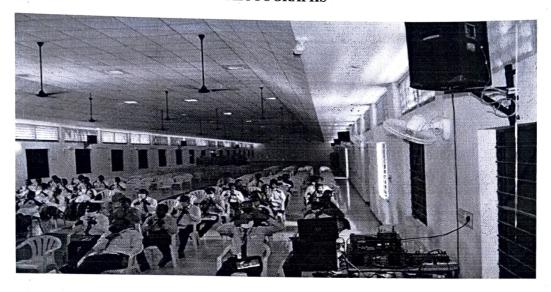
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DEPARTMENT OF SCIENCE & HUMANITIES

Five Days Faculty Development Programme

RESEARCH METHODOLOGY: TOOLS & TECHNIQUES **PHOTOGRAPHS**



Inter College Participants



Chief Guest Presentation





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DEPARTMENT OF SCIENCE & HUMANITIES

Five Days Faculty Development Programme

'RESEARCH METHODOLOGY: TOOLS & TECHNIQUES'

PARTICIPANT FEEDBACK REPORT

I am K. PODVENDRAN from KLN Institute of Technology, madural. I have attend The FDP on Research Methodology: Tools and Techniques. I have learned many things about Research and Runding agency. Jan very Thankful for given a wonderful secessio.

SIGNATURE OF THE PARTI

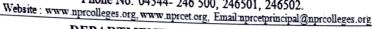




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DEPARTMENT OF SCIENCE & HUMANITIES

Five days Faculty Development Programme

'RESEARCH METHODOLOGY: TOOLS & TECHNIQUES'

Summary Report

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

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

Anthem.

Co-ordinator

Principal

Dr. J.SUNDARARAJAN,

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

Principal.

N.RR. Cotlege of Engineering & Technology - Natham, Dindigut (bt) - 624 401.



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



NPR college of engineering & technology

FACULTY DEVELOPMENT PROGRAMME

ON

RESEARCH METHODOLOGY: TOOLS & TECHNIQUES

Certificate of Participation

| This is to certify that | has attended and successfully |
|--|--|
| completed the Faculty Development Programme of | • |
| &TECHNIQUES" organized by the Department of S | Science and Humanities, NPR COLLEGE OF |
| ENGINEERING & TECHNOLOGY from 06.07.202 | |

PROGRAMME
CO-ORDINATOR
Mrs.R.Muthukumarl,AP/Maths



HOD Dr.T.Priya,Hod-S&H PRINCIPAL Dr.J.Sundararajan



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

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Online Faculty Development Program

'EC8791 - Embedded and Real Time Systems' **INDEX**

ACADEMIC YEAR: 2020 - 2021

SEMESTER: ODD

DURATION: One week

| CNO | TEX. ODD | DURATION: O |
|-------|------------------------|-------------|
| S.NO. | PARTICULARS | PAGE NO. |
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| 5. | INVITATION | 7 |
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| 14. | CERTIFICATE | 22 |

PROGRAM COORDINATOR

IQAC COORDINATOR

PRINCIPAL

Dr. J.SUNDARARAJAN,

Head of the Department - Coordinator IQAC Department of Electronics & Communication New Cottes of Engineering & Technology

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

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

Natham, Dindiged (Dt) - 624 401.



NPR College of Engineering & Technology

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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

PERMISSION LETTER

03.08.2020

From

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

To

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

Respected Sir,

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

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

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

Thanking you

Yours faithfully_

(Dr.A.Gopisaminathan) HoD-ECE

Head of the Department
Department of Electroales & Communication Engineering & Technology

Natham, Dindigul (DI) - 624 491.



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



Date: 12.08.2020

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

COVERING LETTER

Patron

Prof.Dr.J.Sundararajan Principal

Convener

Dr.A.Gopisaminathan, HoD-ECE

Co-ordinator

Mr.S.Sudhakar, AP-ECE

Organizing Committee Members

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

To

The Principal / Dean / Director, All Engineering Colleges.

Dear Sir / Madam,

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

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

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

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

Thanking you,

(Dr.A.Gopisaminathan, HoD-ECE)

With regards

Convener

Head of the Department

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



R 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 aproetpracipal @nprcolleges.org

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Online Faculty Development Program 'EC8791 – Embedded and Real Time Systems'

BROCHURE

ABOUT THE INSTITUTION

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

NPR College of Engineering & Technology tablished in the year 2008 with a basic goal to quality education and descipline. The campus is that our institute can provide suitable inclustry engagement and career opportunities for students.

NPR College of Engineering & Technology d into e-revolution by making the entire campus Wi-Fi with 100 Mbps Internet facilities. The campus o holds the distinction by having a world class ng turf, the first of its kind in south Tamil Nadu. It is our pleasure to highlight that our college is the te centre for III Kharagpur, Centre of Excellence with HCL for placement training & MoU with Electronics Corporation of India, UTL Tech Bangalore, CISCO, Tech Mabendra, Tekbos India Pvt Lid, nai, Sardar Motor and Earth Institute.

ORGANIZING COMMITTEE

Principal

NPR College of Engineering & Technology

Natham - 624 401

Convener Dr.A.Gopisaminathan

HOD -ECE

Mr.S Sudhakar, Assistant Professor-ECE

Organizing Committee Members

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



Online Faculty Development Program

EC8791 - Embedded and Real Time Systems

> 24th to 29th August 2020 Organized by

> > Department of





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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Online Faculty Development Program

'EC8791 – Embedded and Real Time Systems'

ABOUT THE DEPARTMENT

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

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

SIGNIFICANCE OF THIS FOP

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

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

TOPICS TO BE COVERED

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

RESOURCE PERSONS

- I. Dr.P. Mantrajkumar, Professor, Electronics and Communication Engineering, PSNA College of Engineering and Technology, Dindugul
- 2 Dr.G.Mohan Rabu, Associate Professor, Electronics and Communication Engineering, SSM Institute of Engineering & Technology, Dindigal
- 3. Mrs.R. Devika, Assistant Professor, Electronics and Communication Engineering, Sethu Institute of Technology, Karapatti
- 4. Dr.N.M.Masoodhu Banu, Professor, Biomedical Engineering, VelTech University, Chennai
- 5. Mrs.R.Stvaranjani, Associate Professor, Electronics and Communication Engineering, Sethu Institute of Technology, Karrapath
- 6. Dr.A Shenbagavalli, Professor, Electronics and mication Engineering, National Engineering College, Kovilpatti

IMPORTANT DATE

Last Date for Registration : 19.08.2020

REGISTRATION DETAILS

No Registration fee. Register through https://forms.gle/Vs3iUv4zCtxy46ks7

ADDRESS FOR CORRESPONDENCE

Dr. A.Gopisuminathan, HoD - Department of ECE NPR College of Engineerin Natham - 624 401 Tamil Nadu.

Mobile: 9994261961

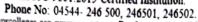
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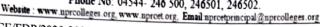
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NPRCET/OFF/ECE/FDP/2020-2021



CIRCULAR

DATE: 20.08.2020

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

The details of the training program are given below.

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

VENUE

https://meet.google.com/dby-njus-tyi

DATE

24.08.2020 to 29.08.2020

SESSION TIMING (for all days)

09:30 a.m. to 12:30 p.m. 01:30 p.m. to 04:00 p.m.

PROGRAM COORDINATOR

RESOURCE PERSONS

Mr.S.Sudhakar, Assistant Professor/ECE

Copy to:

1. All the HoDs

2. Notice Board

3. File

4. Program Coordinator

5. IQAC

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

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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

On 24.08.2020 at 9.30 a.m.

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

Chief Guest

Dr.P.Manirajkumar,

Professor,

Electronics and Communication Engineering, PSNA College of Engineering and Technology, Dindigul

Prof. Dr. J.Sundararajan

Principal, NPR College of Engineering & Technology Felicitates the function

Organized by

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





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Online Faculty Development Program

01

'EC8791 – Embedded and Real Time Systems' PROGRAM SCHEDULE

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

Date: 21.08.2020

External Resource Persons:

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

Internal Resource Persons:

- Dr.A.Gopisaminathan, Professor-ECE, NPRCET
- 2. Mrs.S.Kamalam, AP-ECE, NPRCET
- 3. Mr.S.Surendhar, AP-ECE, NPRCET
- 4. Mr.K.Jayaprakasam, AP-ECE, NPRCET
- 5. Ms.S.Monika, AP-ECE, NPRCET
- 6. Ms.T.Esther, AP-ECE, NPRCET

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





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| | 01:30 p.m. to 02: 45 p.m. | SESSION III | Design methodologies | Dr.A.Gopisaminathan, Professor-ECE NPRCET |
| | 02:45 p.m. to 03: 00 p.m. | | Break | |
| | 03:00 p.m. to 04: 00 p.m. | | System analysis and | Dr.A.Gopisaminathan, Professor-ECE NPRCET |
| | 9:30 a.m 10:45 a.m. | SESSION I | Designing with computing platforms | Dr.G.Mohan Babu, Associate Professor, Electronics and Communication Engineering, SSM Institute of Engineering & Technology, Dindigul |
| * | 10:45 a.m. to 11.00 a.m. | | Break | |
| Day 2 25.08.2020 | | SESSION II | Consumer electronics architecture | Dr.G.Mohan Babu, Associate Professor, Electronics and Communication Engineering, SSM Institute of Engineering & Technology, Dindigul |
| | 12.30 p.m to 1.30 p.m. | | Lunch Break | |
| | 1.30 p.m. to 2.45 p.m. | SESSION III | Platform-level performance analysis. | Mrs.S.Kamalam, AP-ECE, NPRCET |
| | 2.45 p.m. to 3.00 p.m. | | Break | |
| | 3.00 p.m. to 4.00 p.m. | SESSION IV | Design example: Model train controller | Mrs.S.Kamalam, AP-ECE, NPRCET |
| | 9:30 a.m 10:45 a.m. | SESSION I | ARM Processor And Peripherals | Mrs.R.Devika, Assistant Professor, Electronics and Communication Engineering, Sethu Institute of Technology, Kariapatti |
| | 10:45 a.m. to 11.00 a.m. | | Break | |
| Day 3 26.08.2020 | 11.00 a.m. to 12.30 p.m. | SESSION II | ARM Architecture Versions | Mrs.R.Devika, Assistant Professor, Electronics and Communication Engineering, Sethu Institute of Technology, Kariapatti |
| | 12.30 p.m. to 1.30 p.m. | | Lunch Break | Δ |
| * | 1.30 p.m. to 2.45 p.m. | SESSION III | ARM Architecture | Mr.S.Surendhar, AP-ECE, NPRCET |
| | 2.45 p.m. to 3.00 p.m. | | a Break | |
| | 3.00 p.m. to 4.00 p.m. | SESSION IV | Features of the LPC 214X Family | Mr.S.Surendhar, AP-ECE, NPRCET |
| | 9:30 a.m 10:45 a.m. | SESSION I | Block Diagram of ARM9 and ARM Cortex M3 MCU. | Dr.N.M.Masoodhu Banu, Professor, Biomedical Engineering, VelTech University, Chennai |
| 1 | 10:45 a.m. to 11.00 a.m. | | Break | - Chemia |
| Day 4 | 11.00 a.m. to 12.30 p.m. | SESSION II | Embedded Programming | Dr.N.M.Masoodhu Banu, Professor, Biomedical |
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| 27.08.2020 | Website: www.nprcolleges.org, www.nprcet.org, Email.nprcetprincipal@nprcolleges.org | | | | |
| | 12.30 p.m. to 1.30 p.m. | | | Engineering, VelTech University, Chennai | |
| | | | Lunch Break | | |
| | 1.30 p.m. to 2.45 p.m. | SESSION III | Components for embedded programs | Mr.K.Jayaprakasam, AP-ECE, NPRCET | |
| | 2.45 p.m. to 3.00 p.m. | | Break | AI -LCL, I'd ICC | |
| | 3.00 p.m. to 4.00 p.m. | SESSION IV | Assembly, linking and loading | Mr.K.Jayaprakasam, AP-ECE, NPRCET | |
| | 9:30 a.m 10:45 a.m. | SESSION I | Compilation techniques | Mrs.R.Sivaranjani, Asso.Professor, Electronics and Communication Engineering, Sethu Institute of Technology, Kariapatti | |
| | 10:45 a.m. to 11.00 a.m. | | Break | | |
| Day 5 28.08.2020 | 11.00 a.m. to 12.30 p.m. SESSIC | | Program level performance analysis | Mrs.R.Sivaranjani, Asso.Professor, Electronics an Communication Engineering, Sethu Institute of Technology, Kariapatti | |
| | 12.30 p.m. to 1.30 p.m. | | Lunch Break | • | |
| | 1.30 p.m. to 2.45 p.m. | SESSION III | Software performance optimization | Ms.S.Monika, AP-ECE, NPRCET | |
| | 2.45 p.m. to 3.00 p.m. | | Break | III RODI | |
| | 3.00 p.m. to 4.00 p.m. | SESSION IV | Program level energy and power analysis and optimization | Ms.S.Monika, AP-ECE, NPRCET | |
| | 9:30 a.m 10:45 a.m. | SESSION I | Structure of a Real Time System | Dr.A.Shenbagavalli, Professor, Electronics and Communication Engineering, National Engineering College, Kovilpatti | |
| | 10:45 a.m. to 11.00 a.m. | | Break | • | |
| Day 6 | 11.00 a.m. to 12.30 p.m. SESSION II | | Fault Tolerance Technique | Dr.A.Shenbagavalli, Professor, Electronics and Communication Engineering, National Engineering College, Kovilpatti | |
| 29.08.2020 | 12.30 p.m. to 1.30 p.m. | | Lunch Break | • | |
| | 1.30 p.m. to 2.45 p.m. | SESSION III | Multiple tasks and multiple processes | Ms.T.Esther,AP-ECE, NPRCET | |
| | 2.45 p.m. to 3.00 p.m. | | Tea Break | | |
| | 3.00 p.m. to 4.00 p.m. | SESSION IV | Example-Real time operating systems | Ms.T.Esther,AP-ECE, NPRCET | |
| | | | 5 ; | | |

PROGRAM COORDINATOR

HoD-ECE

IQAC COORDINATOR

PRINCIPAL

Dr. J.SUNDARA

Head of the Department - Coordinator - IOAC Department of Electronics & Communication NPR Callege of Engineering & Technology

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on

'EC8791 - Embedded and Real Time Systems' REGISTRATION FORM (https://forms.gle/Vs3iUv4zCtxy46ks7)

| Registration form for Online Faculty Development Program on "EC8791- Embedded and Real Time Systems" from | | | | | |
|--|--|--|--|--|--|
| 24.08.2020 to 29.08.2020 | | | | | |
| Conducted by Department of Electronics and Communication Engineering, NPR College of Engineering & Technology, Natham | | | | | |
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| Email * | | | | | |
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| Title * | | | | | |
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| Your answer | | | |
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| Designation * | | | |
| O Professor | | | |
| Associate Professo |)r | | |
| Assistant Professor | r | | |
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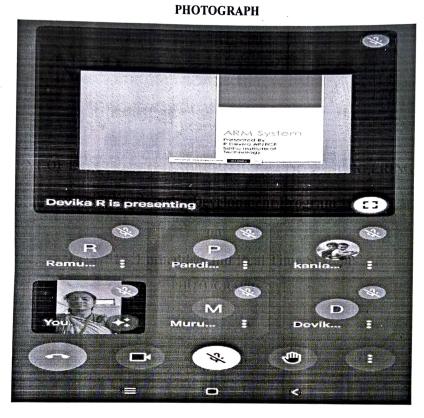


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on

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External and Internal faculties attending the FDP

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IQAC COORDINATOR

PRINCIPAL Dr. J.SUNDARARAJ

Head of the Department Coordinator 10AC

B.E., M.Tech., Principal

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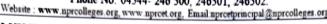
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FEEDBACK FORM (https://forms.gle/KznJHCR26nTYieEn6)

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

| nprcetecewebinar@gmail.com Switch account | 0 |
|---|------------|
| * Required | |
| Email * | |
| Your email | |
| Name * | |
| Your answer | |
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| Designation/Department/College * | |
| Your answer | |
| | ********** |
| The programme was useful to create interest in the field of Embedded Systems. * | |
| O Strongly Agree | |
| Agree | |
| O Disagree | & TECHA |
| Strongly Disagree | CHA. |
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| The contents delivered were useful to enhance our knowledge. |
|--|
| O Strongly Agree |
| O Agree |
| O Disagree |
| O Strongly Disagree |
| |
| 3. The Presentation of the Resource Persons were much clear and interactive. * |
| O Strongly Agree |
| ○ Agree |
| O Disagree |
| ○ Strongly disagree |
| 4. The queries were cleared by the resource persons properly. |
| O Strongly agree |
| ○ Agree |
| O Disagree |
| O Strongly disagree |
| |
| 5. Whether the programme was organized in well manner? * |
| ○ Yes |
| O No |
| O Maybe |
| Any suggestions * |
| Your answer |
| Submit |

*ROGRAM COORDINATOR

HoD-ECE

IQAC COORDINATOR PRINCIPAL

Dr. J.SUNDARARAJAN Head of the Department Coordinator - IQAC B.E., M.Tech., Ph.

Department of Electronics & Conneumication NPR College of Engineering & Technology Principal NPR College of Engineering & Technology Natham, Dindigul (MAR. College of Engineering & Technology) Natham, Dindigul (DT) - 624 401.

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Responses cannot be edited

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'EC8791 - Embedded and Real Time Systems' SAMPLE FEEDBACK FORM

Feedback Form for Online Faculty Development Program on "EC8791-Embedded and Real Time Systems" from 24.08.2020 to 29.08.2020 * Required Email * rahilamdu2010@gamil.com Name * J.Rahila Designation/Department/College * Asso, Prof./EEE/Sethu Institute of Technology 1. The programme was useful to create interest in the field of Embedded Systems. * Strongly Agree () Agree Disagree Strongly Disagree 2. The contents delivered were useful to enhance our knowledge. Strongly Agree () Agree () Disagree O Strongly Disagree





Strongly Agree Agree Disagree Strongly disagree

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3. The Presentation of the Resource Persons were much clear and interactive. $^{\circ}$

| 4. The queries were c | leared by the resource persons | s properly. * | | |
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| All the resource persons | ire handled the class in well manne | er. Expecting more programs like this. | (A1100) (A110) (A110) | |
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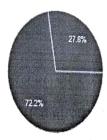
Online Faculty Development Program

on

'EC8791 - Embedded and Real Time Systems' FEEDBACK SUMMARY

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

18 responses



- Strongly Agree

- Strongly Disagree

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

18 responses



- Strongly Agree
- Agree
- Disagree
- Strongly Disagree





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



- Strongly Agree
- Disagree
- Strongly disagree
- 4. The queries were cleared by the resource persons properly.



- Agree
- Disagree
- 5. Whether the programme was organized in well manner?



Any suggestions

18 responses

Good

Useful session

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

Nice session

Good enough

PROGRAM COORDINATOR

IQAC COORDINATOR

PRINCIPAL Dr. J.SUNDARARAJAN

Head of the Department

Coordinator - IOAC

B.E., M.Tech., Policy

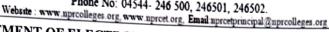
Department of Electroalts & Communication NPR College of Engineering & Technology
Theram, Directoral (DT) - 824 431.

NPR College of Engineering & Technolog Principal
Natham, Dindigur De College of Engineering & Tech Natham, Dindigul (Dt) - 624 491.



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Online Faculty Development Program

on

'EC8791 - Embedded and Real Time Systems' PROGRAM SUMMARY REPORT

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

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

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

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

OORDINATOR

IQAC COORDINATOR

PRINCIPAL Dr. J.SUNDARARAJAN,

Coordinator - IQAC

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

Department of Electrositis & Communication E. NPR College of Engineering & Technology Principal NPR College of Engineering & Technology Natham, Dindigul (DT) - 624 491.

Head of the Department

Natham, Dindigul (DAIPR! College of Engineering & Technology Nathem, Dindigul (Dt) - 624.401



PK 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.



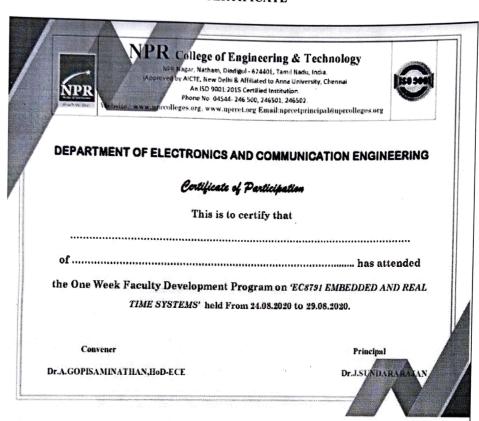
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Online Faculty Development Program

on

'EC8791 - Embedded and Real Time Systems'

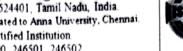
CERTIFICATE

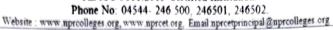






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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Faculty Development Program

'Artificial Intelligence and Machine Learning with Data Science'

ACADEMIC YEAR: 2020 -2021

DURATION: 5 DAYS

INDEX

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| 4 | INVITATION | 5 |
| 5 | PROGRAM SCHEDULE | 6 |
| 6 | PHOTOGRAPHY | 8 |
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PERMISSION LETTER

DATE:06.08.2020

From

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

To

The Principal, NPR College of Engineering & Technology, Natham

Respected Sir,

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

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

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

Thanking you

With regards Mr.J.Viswanath HoD-CSE

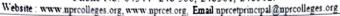
NATHAM NOON

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



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Date: 27.08.2020

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

COVERING LETTER

Chief Patron

Mr.M.Siva Kumar

Chief Administrative Officer

Patron

Prof. Dr.J.Sundararajan,

Principal

Convener

Mr.J.Viswanath,

HoD - CSE

Co-ordinator

Mrs.V.Sujitha, AP-CSE.

Organizing Committee Members

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

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

3.Mrs.V.Sujitha, AP-CSE-NPRCET

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

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

To

The Principal / Dean / Director,

All Engineering Colleges.

Dear Sir / Madam,

Sub: Five days Online FDP program on 'Artificial Intelligence

and Machine Learning with Data Science' - Reg.

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

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

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

Thanking you,

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

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



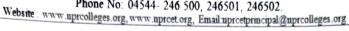


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

| REGISTRATION FORM Chief Pation Mr.M. Siva Numae Chief Pation Mr.M. Siva Numae Chief Pation Mr.M. Siva Numae Chief Pation Mr.M. Siva Numae Chief Administrative Officer Natham - 624 401. 21** September to 25* | chine Learning |
|--|-----------------------|
| The Data Science of Expression Form Principal, NPR College of Engineering & Technology, Nethern - 624 401. Computer Science and Expression Form Principal, NPR College of Engineering & Technology, Natham - 624 401. Computer Science and Expression Form Principal, Natham - 624 401. Computer Science and Expression Form Principal, Natham - 624 401. Computer Science and Expression Form Principal | |
| Name Convener Department: Mr.J. Viswanath HoD-CSE Gender : Male / Female Co-ordinator Mrs. V. Sujitha_AR-CSE. NPR COLLEGE OF ENGINE TECHNOLOGY Address for Communication: Drganizing Committee Members Address for Communication: 1 Mr. J. Dinesh , AP-CSE - NPRCET 2 Mr.D. Naguraj , AP-CSE - NPRCET 3 Mrs. V. Sujitha_AP-CSE - NPRCET | Berthell Market |
| Gender: Male / Female Co-ordinator Mrs V. Sujitha_AP_CSE. NPR COLLEGE OF ENGINEE **TECHNOLOGY Address for Communication: 1 Mr. J. Dinesh , AP_CSE - NPRCET 2 Mr D Nagaraj, AP_CSE - NPRCET 3 Mrs V. Sujitha_AP_CSE - NPRCET | |
| Organization Organizing Committee Members TECHNOLOGY Address for Communication: 1 Mr. J. Dinesh , AP-CSE - NPRCET Natham - 624 401 2 Mr D Nagaraj , AP-CSE - NPRCET 3 Mrs V Suitifia, AP-CSE - NPRCET | |
| Organization Organizing Committee Members (An ISO 9001-2015 Certified Natham - 624 401 1 Mr. J. Dinesh , AP-CSE - NPRCET Natham - 624 401 2 Mr. D. Nagaraj , AP-CSE - NPRCET 3 Mrs V. Suitita, AP-CSE- NPRCET | RNG |
| 2 Mr D Nagaraj, AP-CSE - NPRCET 3 Mrs V Smittha AP-CSE-NPRCET | Institution) |
| 3 Mrs V Snijtha AP-CSE-NPRCET | A STATE OF THE PARTY. |
| | |
| Phone: | 111 (7) |
| Phone: 4 Mrs. J. Prisca Mary, AP-CSE - NPRCET | 1111 |
| Email id: 5 Mrs C Kalpana, AP-CSE - NPRCET | 112 |
| Date: | |
| Signature AFTIRCAL ATTRICAL ATTRICAL ONA SCRIPCE Phone: 04544 246500, 501, 500 | 2 |
| Fax : 04544 246511 E-mail : nproetose@nproolleges | .org |





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

BOUT THE INSTITUTION

for students.

The NPR Callege of Engineering and Technology entered into e-revolution by making the entire campus WH-II with 100 Mbps Internet facilities. The campus WH-II with 100 Mbps Internet facilities. The campus also holds the distinction by having a world class cinicitient gate high first of its kind in south Tamil Nadu. It is our pleasure to highlight that our college is the remote centre for IIT Kharagour, centre of excellence with HCL for placement raining & MoU with Electronics Corporation of India, UTI, Tech Bangalora, CISCO, Tech Mathendra, Teibos India Pkt Ltd. Chennal, Sander Motor, Earth Institute. Sardar Motor, Earth Institute

ABOUTTHE DEPARTMENT

The department of Computer Science and Engineering at NPRCET, Notifiem was started in the year 2008 under the control of Anna University. The Computer Science and Engineering department has the strength of 120 imakes for UG and with the imake of 18 for PG, it has dedicated and highly qualified faculty members to direct all etamism towards teaching and training the Computer Science Engineers and to make

members to direct all attention towards teaching and training the Computer Science Engineers and to make them look beyond the obvious.

There is a strong emphasis both on the fundamentals of computing and on practical skills and team work. The department has state of the art taolifies team work. The department has state of the art facilities for carrying out projects in computer graphics, vision, networks, distributed systems, hardware design and artificial intelligence. The department of computer Science and Engineering had received 12 University ranks in Anna university.

TOPICS TO BE COVERED

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

RESOURCE PERSONS

1 Mr Ahmed Khalid Vice President Imaricus Learning Chennai.

Learning Chemna;
2 Mrs Priva Payal HR Business Parmer, Chennai,
3 Praveen Hanchmal Educator, Resource Person on Al
ML, Cloud Computing, Big Data, 10 T. Bengaluru
4 Dr. R. Venkatesan, Professor, Kumaraguru College of Technology, Coimbatore
5 Dr B Padminidevi Professor M Kumarasamy College of Engineering & Technology Katus.

IMPORTANT DATES

BOARDING AND LODGING

Scarding and ladging will be provided to in the college campus with prior request.

ABOUT THE LOCATION

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

FDP VENUE

CSE Main Laboratory,

Department of Computer Science and Engineering NPR College of Engineering and Technology Netham-624 401

ADDRESS FOR CORRESPONDANCE

Mrs.V.Sujitha

AP - Department of CSE NPR College of Engineering and Technology,

Natham - 624 401. TamilNadu Mobile: 9003395395.

Email ID: sujitha@nproolleges.org

Website: www.nprcolleges.org





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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

ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING WITH DATA SCIENCE

Time- 10.00 a.m.

Date-21.09.2020

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

Chief Guest

Mr.Ahmed Khalid,

Vice President- Imarticus Learning, Chennai

Prof.Dr.J.Sundararajan

Principal,
NPR College of Engineering & Technology
Felicitates the function

Organized By

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





NPR College of Engineering & Technology

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Faculty Development Program

On

Artificial Intelligence and Machine Learning with Data Science PROGRAM SCHEDULE

Date: 21.09.2020

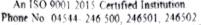
| External Resource Persons: | Internal Resource Persons: |
|--|------------------------------------|
| 1.Mr.Ahmed Khalid ,Vice President-Imarticus Learning Chennai, | 1.Mrs. V. Sujitha, AP-CSE – NPRCET |
| 2.Mrs.Priya Payal HR Business Partner, Chennai, | 3.Mrs.C.Kalpana,AP-CSE-NPRCET |
| 3.Praveen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

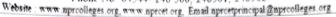
| PROGRAM SCHEDULE | | | | | |
|----------------------------------|--------------------------------|---------------|---|---|--|
| DATE | TIME | SESSION | TOPIC | RESOURCE PERSON | |
| | 9:30 a.m to 10:00 a.m | | Inaug | uration | |
| | 10.00 a.m. to 11.00 a.m. | | Br | reak | |
| Day 1 21.09.2020 (MONDAY)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





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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

Non Program Co-ordinator

IQAC Co-ordinator

Principal

Head of the Department

Coordinator - IQAC

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

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

Natham, Diadigul (DT) - 624 401.

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

ENGG



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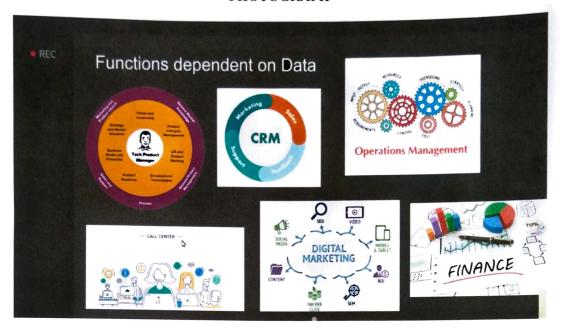


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Faculty Development Program
on
Artificial Intelligence and Machine Learning with Data Science

PHOTOGRAPH



Chief Guest Presentation during the FDP Session





NPR Nagar, Natham, Dindigul - 624401, Tamil Nadu, India. Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai. An ISO 9001:2015 Certified Institution.

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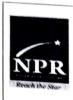
Five Days Faculty Development Program Artificial Intelligence and Machine Learning with Data Science

PARTICIPANT FEEDBACK REPORT

faculty developmen allond stratelligens and machine learning sand soul the Indelligeno and machine looming 4000 Thank you for giving such on I Hormalino

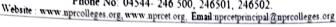
> Signature of the participant (Moss. S. Yalin Ap. CIE SBMCET)





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Faculty Development Program Artificial Intelligence and Machine Learning with Data Science

SUMMARY REPORT

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

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

Program Co-ordinator

NATHAM

IQAC Co-ordinator

Principal

Head of the Department ... Coordinator IQAC

Department of Computer Science & Engineering & Technology

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

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

Natham, Dindigut (Dt) - 624 401.



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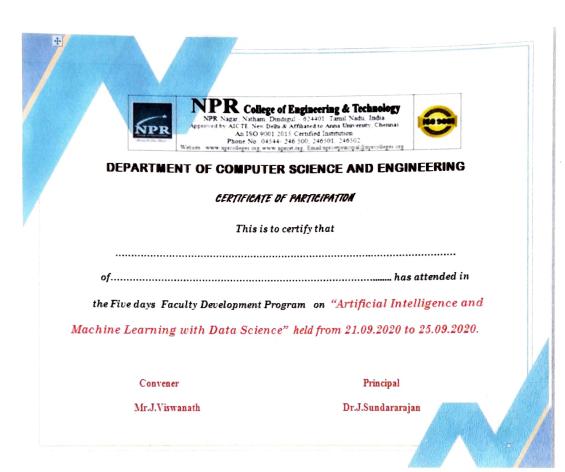
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Faculty Development Program On Artificial Intelligence and Machine Learning with Data Science

CERTIFICATE







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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Workshop 'Soft Computing'

INDEX

EVENT: Workshop on 'Soft Computing'

ACADEMIC YEAR: 2020-2021

DURATION: 2 DAYS

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PERMISSION LETTER

DATE: 15.09.2020

From

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

To

The Principal, NPR College of Engineering & Technology, Natham

Respected Sir,

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

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

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

Thanking you

Yours faithfully, Mr.J.Viswanath HoD-CSE

Head of the Department
Department of Computer Science & Engine of NPRobolicgs of Engineering & Technology

Nathan, In Sp.1 (DT) - 624 401.





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Date: 03.09.2020

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

COVERING LETTER

Chief Patron

Mr.M.Siva Kumar

Chief Administrative Officer

Patron

Prof. Dr. J.Sundararajan,

Principal

Convener

Mr.J.Viswanath

HoD-CSE

Co-ordinator

Mrs. C.Kalpana, AP-CSE

Organizing Committee Members

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

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

3.Mrs.V.Sujitha, AP-CSE-NPRCET

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

To

The Principal / Dean / Director,

All Engineering Colleges.

Dear Sir / Madam,

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

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

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

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

Thanking you

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

Head of the Department
Department of Computer Science & Engineering

NPR College of Engineering & Technology Nathani, Dindigal (DT) - 624 401.





NPR College of Engineering & Technology

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

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

| REGISTRATION FORM | ORGANIZING COMMITTEE | Two days' Workshop | | |
|--------------------------------|---|--|--|--|
| Two days' Workshop | Chief Patron | on the second | | |
| 000 | Mr.M.Siva Kumar | "Soft Computing" | | |
| "Soft Computing" | Chief Administrative Officer | 5= & 6= OCT 2020 Organized by | | |
| | Patron | | | |
| (To be filled in block letter) | Prof. Dr. J.Sundararajan, | Department of Computer Science and Engineering | | |
| Name : | Principal NPP College of Engineering & Tachnology | Computer Science and 2-3 | | |
| Department: | NPR College of Engineering & Technology, Natham - 624 401. | | | |
| Gender : Male / Female | Convener | √TDR | | |
| Designation: | Mr.J.Viswanath | | | |
| | HoD-CSE Co-ordinator | Carlotte (A. Ang Victor 4) A. | | |
| Organization | | NPR COLLEGE OF ENGINEERING | | |
| Address for Communication: | Mrs.C.Kalpana AP-CSE | TECHNOLOGY | | |
| | Organizing Committee Members | (An ISO 9001-2008 Certified Institution) Natham - 624 401. | | |
| | 2 Mr D Nagaraj, AP-CSE - NPRCET | Phone : 04544246500,501,502 Fax : 04544246511 | | |
| Phone: | 3 Mrs. V Sujitha, AP-CSE-NPRCET | E-mail : nprcetcse@nprcolleges.org | | |
| Email (4. | 4 Mrs. J. Prisca Mary, AP-CSE - NPRCET | | | |
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ABOUT THE INSTITUTION

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

bringing indemi especially from the rural areas into the fields of Engineering and Technology.

The NPR College of Engineering and Technology was established in the year 2005 with a basic goal to impair quality, discipline and education. The campus is spread over 100 acres of hud green environment with lot of green cover and priviles materials. We ensure that our institute can provide submbble industry engagement and career opportunities for endower.

The NPR College of Engineering and Technology entered into e-revolution by making the entire campus WI-FI with 100 Mbps Internet facilities. The campus also holds the when two deepts atternet tecomes a use campus also moust me distinction by having a world class crickering tarf, the first of its kind in north Tamil Nada. It is our pleasure to highlight that our college is the remote centre for IIT Kharagput, come of excellence with HCL for placement varions & MoU with Electronics Corporation of India, UTL Tech Bangalore, CISCO, Tech Mahendra, Tekhos India Pvt Ltd, Chennai.

ABOUT THE DEPARTMENT

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

There is a strong emphasis both on the

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

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

SCOPE OF WORKSHOP

Soft computing offers an attractive opportunity to represent the ambiguity in immun thinking with real life successiony. Soft computing techniques encompasses fuzzy logic, genetic algorithms, and neural networks, and it has emerged as an action of the dealing with convol, modeling, and decision problems in complex systems. This Faculty Development Programme aims to bring together experts from industries, academic, R&D intrinsions and other user communities on a common platform to discuss and share their expertise ideas about advanced technologies and trends in 300 computing. There are mide range of real time applicati computing there are whos range of real time application areas concerned with soft computing which includes data analysis and data mining, optimization, fault diagnosis, control pattern recognition, signal processing, image and video processing as well as traffic and transportation systems, parameter estimation, system identification, robust solution, adaptive system, self-organization and failure analysis, multi-

TOPIC TO BE COVERED

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

RESOURCE PERSONS

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

IMPORTANT DATES

Confirmation of Registration 25.09.2021 Last Date for Registration : 26.09.2021

BOARDING AND LODGING

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

ABOUT THE LOCATION

NPROET is sincered at National which is 27 forms away from Dindigal and 35 forms away from Machaesi, Tamil

FOR VENUE

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

ADDRESS FOR CORRESPONDANCE

Mrs C Kalpana AP - Department of CSE NPR College of Engineering and Technology, Natham : 614.401. TamiNada, Mobile: 9003395395

Email ID traipsnay@aproofleges.org

Website: www.aprcoffeges.org





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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

Workshop on Soft Computing'

<u>Chief Guest</u> **Dr. B. Lavanya**Associate Professor,
University of Madras, Chennai.

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

Organized By

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





PR College of Engineering & Technology NPR Nagar, Natham, Dindigul - 624401, Tamil Nadu, India.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Workshop on 'Soft Computing'

PROGRAM SCHEDULE

Date:04.10.2021

External Resource Persons:

- 1. Dr. B. Lavanya, Associate Professor, University of Madras, Chennai.
- 2. Dr. L. Arockiam, Associate Professor, St. Joseph College, Trichy.
- 3. Mr. R. Ramakrishnan, Associate Professor, Dhanalakshmi College of Engineering, Chennai.

Internal Resource Persons:

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

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

3.Mrs.V.Sujitha, AP-CSE-NPRCET

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

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





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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

Program Co-ordinator

IQAC Co-ordinator

Principal

Head of the Department Coordinator - IQAC
Department of Computer Science & Engineering & Technology Dr. J.SUNDARARAJAN, NPR College of Engineering & Technologiam, Dindigul (Dt)-624 M.P.R. College of Engineering & Technology
Narham, Dindigul (Dt)-624 401.

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

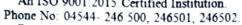
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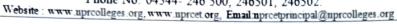




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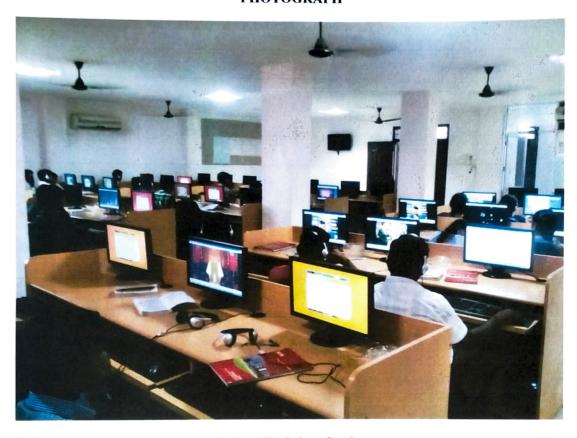




DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Workshop on 'Soft Computing'

PHOTOGRAPH



During Workshop Session





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Workshop On 'Soft Computing'

PARTICIPANT FEEDBACK REPORT

This workshop was very enformative and excellent. personally, I liked the hards-on sersion in roft computing. I will shore the knowledge I gaved in this wortshop with my students. I must that the worderful the organizing team for their wonderful arrangements and the hospitality.

SIGNATURE OF THE PARTICIPANT S. Baldwar - Aplese SBMCET





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Workshop on 'Soft Computing' SUMMARY REPORT

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

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

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

Program Co-ordinator

IQAC Co-ordinator

Principal

Head of the Department

Copordinator IOAC

Dr. J.SUNDARARAJAN

NPR College of Engineering & Technology Watham, Dindigul (Dt)-624 401 Principal N.P.R. College of Engineering & Technology Department of Computer Science & Engineering of Engineering & Technology

Natham, Dindigul (Dt) - 624 401.

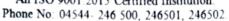




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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

WorkshopOn'Soft Computing'

CERTIFICATE



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CERTIFICATE OF PARTICIPATION

This certificate is presented to

for actively attending the Workshop On "Soft Computing" organized by

Department of Computer Science and Engineering

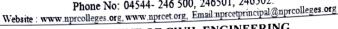
on 05.10.2020 & 06.10.2020

HoD-CSE Mr.J.Viswanath Principal Dr. J.Sundararajan





Phone No: 04544- 246 500, 246501, 246502





DEPARTMENT OF CIVIL ENGINEERING

WORKSHOP ON

"HIGH PERFORMANCE IN SMART MATERIALS FOR STRUCTURAL APPLICATIONS"

INDEX

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

STRUCTURAL APPLICATIONS"

ACADEMIC YEAR: 2020 -2021

SEMESTER: EVEN

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Programme Co-ordinator

CN. Icanteic

IOAC Co-ordinator

Principal

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

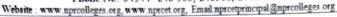
Natham, Dindigul (Dt)-624 40Natham, Dindigul (Dt)





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DEPARTMENT OF CIVIL ENGINEERING

PERMISSION LETTER

DATE: 25.02.2021

From

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

To

The Principal, NPR College of Engineering & Technology, Natham

Respected Sir,

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

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

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

Thanking you



Yours Faithfully
Or.A.Hemalatha

Department of Call Engineering

NPR College of Engineering & Test.

Natham, Dindigul (DT) - 624





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DEPARTMENT OF CIVIL ENGINEERING

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







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DEPARTMENT OF CIVIL ENGINEERING

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





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DEPARTMENT OF CIVIL ENGINEERING

| A. Photographer tim | e No |
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| B. Daily News | Yes |
| C. After the function | 1 Yes |
| 12. Feedback form need | led Yes |

N. Odec

Programme Co-ordinator

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







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DEPARTMENT OF CIVIL ENGINEERING

CIRCULAR

DATE: 27.02.2021

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

The details of the training program are given below.

EVENT

: Program on "HIGH PERFORMANCE IN

SMART MATERIALS FOR

STRUCTURAL APPLICATIONS"

RESOURCE PERSON'S

: Er.Samuel Sivakumar

VENUE

: Through Google Meet

DATE

: 04.03.2021

SESSION TIMING

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

01:00 p.m to 04:00 p.m

PROGRAM

COORDINATOR

Mr.N.Karthic, AP/Civil

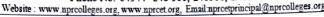
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127R College of Hagingering & Techno Natham, Dindigul (DT) - 624 401



Phone No: 04544- 246 500, 246501, 246502





DEPARTMENT OF CIVIL ENGINEERING

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

"HIGH PERFORMANCE IN SMART MATERIALS FOR STRUCTURAL APPLICATIONS"

On 04th March, 2021

Venue: Google Meet at 9:30 a.m

Chief Guest

Er.Samuel Sívakumar,

Technical Manager

V Lands group

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

ORGANIZED BY

DEPARTMENT OF CIVIL ENGINEERING. NPR COLLEGE OF ENGINEERING & TECHNOLOGY. NPR Nagar, Natham.





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

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DEPARTMENT OF CIVIL ENGINEERING

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

Course Content:

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

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

Programme Co-ordinator

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Ap | Civil

Head of the Department

Department of Civil Engineering T) - (20 401.







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DEPARTMENT OF CIVIL ENGINEERING

WORKSHOP ON "HIGH PERFORMANCE IN SMART MATERIALS FOR

STRUCTURAL APPLICATIONS"

PROGRAM SCHEDULE

Venue: Through Google Meet

Date: 01.03.2021

External Resource Person:

Internal Resource Persons:

Er.Samuel Sivakumar Technical Manager V Lands group

Mr.K.Shanthakumar, AP/CIVIL

| | PROGRAM SCHEDULE | | | | |
|-------------|----------------------------|----------------------|---|---|--|
| DATE | TIME | SESSION | TOPIC | RESOURCE PERSON | |
| | 9:30 a.m to 10:00 a.m | Inauguration | | | |
| | 10:00 a.m to 11:10 a.m | SESSION I | Introduction in Smart Materials | Er.Samuel Sivakumar Technical Manager V Lands group | |
| - | 11:10 a.m to 11:30 a.m | Tea Break | | | |
| 0.4.02.2021 | 11:30 a.m to 12:30 p.m | SESSION II | New Engineering Approaches in smart materials | Er.Samuel Sivakumar Technical Manager V Lands group | |
| 04.03.2021 | 12:30 p.m to 01: 30 p.m | Lunch Break | | | |
| | 01:30 p.m to 02: 45 p.m | SESSION | Metal Organic Framework. | Mr.K.Shanthakumar, AP/CIVIL | |
| | 02:45 p.m to 03: 00 p.m | Tea Break | | | |
| | 3.00 p.m to 4.00 p.m | SESSION IV | Questionery s | ession | |
| | 4.00 p.m to 4.30 p.m | Valedictory function | | nction | |

Programme Co-ordinator

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AP/Civic

Head of the Departmen Department of Civil Engineer NOR College of Engineering & T



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DEPARTMENT OF CIVIL ENGINEERING

WORKSHOP ON

"HIGH PERFORMANCE IN SMART MATERIALS FOR STRUCTURAL APPLICATIONS" RESOURCE PERSON PROFILE [EXTERNAL]

Name

: Er.Samuel Sivakumar

Designation: Technical Manager

Company

V Lands group

Name

Specialization : 04+ yrs experience in Teaching profession

Experience

Contact **Details**

www.linkedin.com/in/samuel siva-963554 (LinkedIn)

Programme Co-ordinator IN-1contenic

Head of the Department of Cloth Englacering NPR College of Engineering & Technical Natham, Dindigul (DT) - 624 40...



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DEPARTMENT OF CIVIL ENGINEERING

WORKSHOP ON "HIGH PERFORMANCE IN SMART MATERIALS FOR

STRUCTURAL APPLICATIONS"

STAFF ATTENDANCE

Workshop - HIGH PERFORMANCE AND SMART MATERIALS FOR STRUCTURAL APPLICATION File Edit View Insert Format Data Tools Extensions Help Last edit was seconds ago

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| 7 | 3/4/2021 11:11:28 | | lakshmidevi24042001@ | Ms | K Lakshmi Devi |
| 8 | 3/4/2021 11:11:28 | | muthukumarharish44@g | Mr | M. HARISH |
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| 16 | 3/4/2021 11:12:34 | | dhanacvip@gmaip.com | Ms | dhanalakshmi |
| 17 | 3/4/2021 11:12:34 | | vikneshv663@gmail.com | n Mr | S.vikneshwaran |
| 18 | 3/4/2021 11:12:34 | | jjeevitha262@gmail.com | ı Ms | Jeevitha, C |
| 19 | 3/4/2021 11:12:34 | | alagararun64@gmail.co | ri Mr | K.Alagar |
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Form Responses 1 🕶

Programme Co-ordinator

Ap/Civil

Head of the Department Department of Civil Engine: NPR College of Engineering & Tec Natham, Dindigul (DT) - 624 40.4





NPR College of Engineering & Technology NPR Nagar, Natham, Dindigul - 624401, Tamil Nadu, India.

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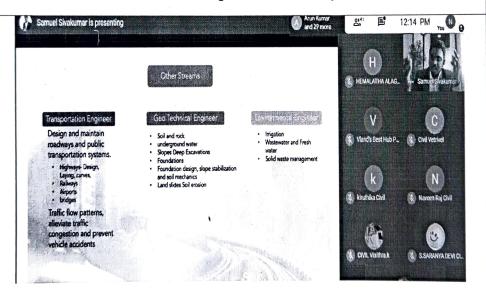
DEPARTMENT OF CIVIL ENGINEERING

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

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



Our Chief Guest Presenting the Slide to our Faculty Members



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







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DEPARTMENT OF CIVIL ENGINEERING

WORKSHOP ON "HIGH PERFORMANCE IN SMART MATERIALS FOR STRUCTURAL

APPLICATIONS"

SUMMARY REPORT

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

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

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

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

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

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

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

Principal

N.1Conthic Head of the Departs Coordinator - IQAC

AP / Civil EngiNPR College of Engineering & Technology

Department of Civil EngiNPR College of Engineering & Technology Department of Civil Eng. NPR College of Engineering & Technology Natham, Dindigul (Dt)-624 40 P.R. College of Engineering & To

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DEPARTMENT OF CIVIL ENGINEERING

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

CERTIFICATE



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DEPARTMENT OF CIVIL ENGINEERING

Certificate of Participation

This is to certify that

..... has attended

the Online One Day Workshop on HIGH PERFORMANCE IN SMART MATERIALS FOR STRUCTURAL APPLICATIONS on 04.03.2021

HoD/Civil Dr.A.Hemalatha

Principal Dr.J.Sundararajan





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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Workshop

on

'RECENT TRENDS IN EMBEDDED TECHNOLOGY'

INDEX

EVENT: Workshop on 'RECENT TRENDS IN EMBEDDED TECHNOLOGY'

ACADEMIC YEAR: 2020 -2021

SEMESTER: EVEN

DURATION: 2 DAYS

| S. NO. | PARTICULARS | PAGE NO. |
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| 2. | COVERING LETTER | a |
| 3. | BROCHURE | 3 |
| 4. | INVITATION | 5 |
| 5. | PROGRAM SCHEDULE | 6 |
| 6. | PHOTOGRAPHY | 8 |
| 7. | PARTICIPANT FEEDBACK REPORT | 9 |
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING PERMISSION LETTER

DATE: 19.01.2021

From

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

To

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

Respected Sir,

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

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

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

SENGG ATHAM PECHANO

Thanking you

Yours faithfully,

(Dr.A.Gopisaminathan),

Head of the Department

Department of Electronics & Communication Engineering NPR College of Engineering & Technology Natham, Dindigul (DT) - 624 431.



NPR Nagar, Natham, Dindigul - 624401, Tamil Nadu, India.
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Date: 08.02.2021

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COVERING LETTER

Patron

Dr.J Sundararajan Principal

Convener

Dr A.Gopisaminathan, HoD-ECE

Co-ordinator

Dr.S M.Vijayarajan, ASP-ECE.

Organizing Committee Members

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



To

The Principal / Dean / Director,

All Engineering Colleges.

Dear Sir / Madam,

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

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

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

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

Thanking you,

With regards, (Dr. A. Gopisaminathan)

HoD - ECE

Head of the Department
Department of Electronics & Communication Engineering
NPR College of Engineering & Technology
Natham, Dindigul (DT) - 624 441.



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Workshop

'RECENT TRENDS IN EMBEDDED TECHNOLOGY'

Brochure

ABOUT THE INSTITUTION

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

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

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

ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering was established in the academic year 2008. The ECE department emphasizes teaching and research in the areas of Electronic and photonic materials, devices and circuits, VLSI design and testing. Communications and Signal processing. The modern laboratories complement the high standards set by this compatitive syllabus and nature the tendency of the stadents towards research and development, besides giving these the necessary and sufficient backing of practical knowledge that they need. The department has no proportionate workforce having experience in academics and in Industries.

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

ABOUT THE WORKSHOP

ABOUT THE WORKSHOP

Innhedded system is the core of every intelligent device. Everything around you from a simple warch in the speech ship is using embedded systems. Your mobile phoses. FDAs, Washing Machines, Microwave Oyens, Astronobile and all the automated electronics graduates are having one or another form of embedded systems, responsibly for their intelligent functioning. Electronic devices are rapidly finding applications in many of the areas. from simple coffee vending machines to space accience to environmental friendly products such as hig belty etc. Indian embedded market worth \$3.9 billion dollars, and expects 30 % growth by 2015. This will certainly increase the demand of professionals in the embedded systems. Main aim of this training module is to make the students skill full and efficient for all the hardware and software related concepts for \$0.51 Microcontrollers.

Last Date for Registration : 26.02.2021

BOARDING AND LODGING

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

REGISTRATION FEE DETAILS

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

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

DD to be drawn in favour of

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

ABOUT THE LOCATION

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

ADDRESS FOR CORRESPONDENCE

Dr.A.Gopisaminathen,

HoD - Department of HCE

NPR College of Engineering and Technology,

Nathom - 624 401

Email ID: apresteenfrapreolleges org





NPR College of Engineering & Technology
NPR Nagar, Natham, Dindigul - 624401, Tamil Nadu, India.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Workshop on 'RECENT TRENDS IN EMBEDDED TECHNOLOGY'

Brochure

| Two days Workshop | ORGANIZING COMMITTEE | Two days Workshop |
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| Recent Trends in Embedded | Patron | on |
| Technology | Prof. Dr. J. Sundarurajan, Principal, | Recent Trends in Embedded |
| 11th and 12th MARCH 2021 | NPR College of Engineering & Technology, Natham - 624 401. | Technology |
| Registration Form | 经验证的 | 11th and 12th MARCII 2021 Organized by |
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| Department: | Co-ordinator Dr.S.M.Vijayurajun, ASP-ECE | |
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| Designation: | Organizing Committee Members 1. Mr. S. Sudhakar, AP-ECE | NPR |
| Organization: | 2. Mrs. C. Kannika Parameshwari, AP-ECE | Point the Stee |
| Address for Communication: | | NPR COLLEGE OF ENGINEERING |
| Phone | | & TECHNOLOGY |
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION **ENGINEERING**

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

'RECENT TRENDS IN EMBEDDED TECHNOLOGY'

On 11th March, 2021

Venue: NPRCET Auditorium at 10 a.m.

Chief Guest

Mr.K.Baskar

Senior System Analyst, RIDSYS, **Pondicherry**

Dr.J.Sundararajan,

Principal,

NPR College of Engineering & Technology felicitates the function

Organized by

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







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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Workshop 'RECENT TRENDS IN EMBEDDED TECHNOLOGY'

PROGRAMME SCHEDULE

Venue: DSP Lab

Date: 11.03.2021

External Resource Persons:

Mr. K.Baskar,

Senior System Analyst, Ridsys, Pondicherry.

Internal Resource Persons: Mr.S.Sudhakar, AP-ECE Mr.J.G.Sabarish, AP-ECE

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





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| | | 1 | | I M. I.C. Cabarish |
|---------------------|-------------------------|----------------|-------------------------------|--|
| | 9:30 a.m 10:45 a.m. | SESSION I | ARM, architecture version | Mr.J.G.Sabarish, Assistant Professor, Department of Electronics and Communication Engineering, NPRCET. |
| | 10:45 a.m.to 11.00 a.m. | | Tea Break | |
| Day 2 12.03.2021 | 11.00 a.m.to 12.30 p.m. | SESSION II | Structure of real time system | Mr.S.Sudhakar Assistant Professor, Department of Electronics and Communication Engineering, NPRCET. |
| | 12.30 p.m. to 1.30 p.m. | Lunch Break | | |
| | 1.30 p.m.to 2.45 p.m. | SESSION III | HANDS on TRAINING | Mr.K.Baskar, Senior System Analyst, Ridsys, Pondicherry |
| | 2.45 p.m.to 3.00 p.m. | | Tea Break | |
| | 3.00 p.m.to 4.00 p.m. | SESSION IV | HANDS on TRAINING | Mr. K.Baskar, Senior System Analyst, Ridsys, Pondicherry |
| | 4.00 p.m.to 4.30 p.m. | | Valedictory | |

HoD-ECE

IQAC COORDINATOR J. PRINCIPAL SUNDARARAJAN,

Head of the Department Coordinator - IOAC

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

Department of Electronics & Communication Callege with Engineering & Technology

NPR College of Engineering & Technology

Matham, Dindigul (Dt) 628 Geffege of Engineering & Technology

Matham, Dindigul (Dt) 624 control of the Watham, Dindigul (Dt) - 624 401.

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

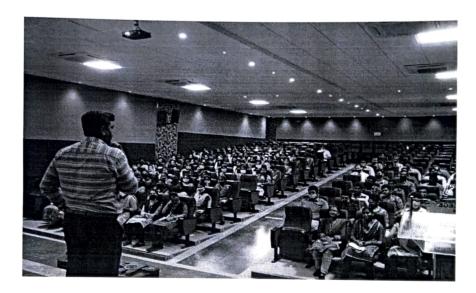
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Workshop on 'RECENT TRENDS IN EMBEDDED TECHNOLOGY'

PHOTOGRAPH



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





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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Workshop 'RECENT TRENDS IN EMBEDDED TECHNOLOGY'

PARTICIPANT FEEDBACK REPORT

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

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

I request you to conduct more workshops tike this.

S. SARAVANAN

PSNACET



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Workshop on 'RECENT TRENDS IN EMBEDDED TECHNOLOGY'

SUMMARY REPORT

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

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

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

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

PRINCIPAL

Head of the Department coordinator IOAC J.SUNDARARAJAN, Department of Electronics & Communication Principal B.EV, M. Principal

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

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

NPR College of Engineering & Technology

Natham, Dindigul (DT) - 624 401.

Natham, Dindigul (Dt) - 624 401.





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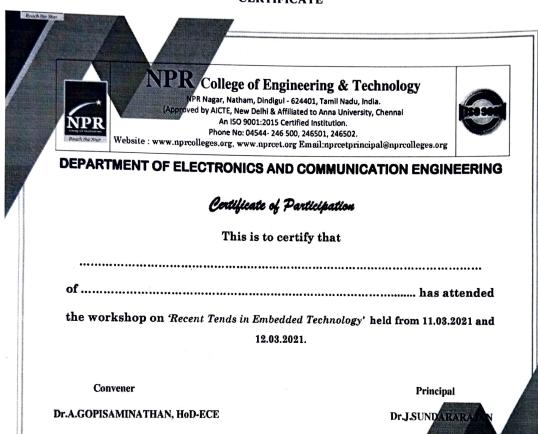
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Workshop

on 'RECENT TRENDS IN EMBEDDED TECHNOLOGY'

CERTIFICATE







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DEPARTMENT OF MANAGEMENT STUDIES

National level FDP On "Personality Development Programme"

INDEX

EVENT: National level FDP on "Personality Development Programme"

ACADEMIC YEAR: 2020 - 2021

SEMESTER: ODD

DURATION: 1 DAY

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| 5 | REGISTRATION FORM | 9 |
| 6 | PHOTOGRAPHY | 10 |
| 7 | SUMMARY REPORT | 11 |
| 8 | CERTIFICATES OF THE PROGRAM | 13 |



From

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

10

The principal,

NPR college of Engineering St Technology,

Natham Dindigul - 624401.

Respected Sir,

Sub: Requestion for organizing a national level FDP on "personality Development programme-Reg. We the Department of Management Studies

proposed to organize a National level FDP on personality Development programme" to the faculties from our College Sy other management studies

Colleges for 27.08. 2021 in virtual mode (google meat). We

expect around so Staff members from various institute us request you to kindly grant presmission to

organize the same Thanking you

B.E., M.Tech., Ph.O.

Principes

PPR College of Engineering & Technology

Natham Dindigut (Dt) - 624 401.

HOD MBA



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DEPARTMENT OF MANAGEMENT STUDIES

| - DITTERNITURE | T OF MANAGEMENT STUDIES | | | |
|----------------------------|--|--|--|--|
| FUNCTION PERMISSION LETTER | | | | |
| No. | Letter date : 01.03.2021 | | | |
| JLARS | | | | |
| ne College | NPR College of Engineering & Technology | | | |
| it | Department of Management Studies | | | |
| Function | National level FDP on "Personality Development Programme" | | | |
| Date | 27.03.2021 | | | |
| lame | Faculty Development Program | | | |
| ce Person Name | Mr.K.Balaji Sr.Hr.Manager, Preethi Hospital, Madurai. Dr.C.Kavitha, MBA, PhD Assistant Professor, Sri Meenakshi Govt College, Madurai. | | | |
| of Transport | No | | | |
| of Transport | No | | | |
| ring | No | | | |
| Memento | No | | | |
| Shawl | No | | | |
| Bouquet | No | | | |
| Lunch /Dinner | No | | | |
| Snacks | No | | | |
| cks for faculties | No | | | |
| & flex Designing | | | | |
| g Invitation Model | Yes | | | |
| Invitations / | | | | |
| on Distribution | | | | |
| st by Post | Yes | | | |
| st by person | Yes King a legislation | | | |
| | FUNCTIONO. LARS The College of Transport of T | | | |



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DEPARTMENT OF MANAGEMENT STUDIES

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

PROGRAM COORDINATOR

Head of the Department

Department of MBA

B.E., M.Tech., Ph.O.,

NPR Codlege of Engineering & Technology N.P.R. College of Engineering & Technology Natham, Dindigul (DT) - 624 401. Natham, Dindigul (DT) - 624 401. Natham, Dindigu! (Dt) - 624 401.

PRINCIPAL Dr. J.SUNDARARAJAN,



College of Engineering & Technology

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DEPARTMENT OF MANAGEMENT STUDIES

COVERING LETTER

Patron

Date: 01.03.2021

Dr.J.SundaraRajan, Principal.

To The Principal / Dean / Director/HoD,

Convener

All Management Departments.

Dr.B.Velmurugan,

Dear Sir / Madam,

Head of the Department, Management Studies.

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

Coordinator

Mrs.P.Geetha, AP/MBA

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

Organizing Committee Members

Ms.S.Booma, AP/MBA Mr.V. Ravindar, AP/MBA Ms. Eswari, AP/MBA Ms.R.Rajalakshmi, AP/MBA

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

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

Thanking you,

HoD/MBA





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

National level FDP "Personality Development Programme"

On 27th March 2021

Venue: Google meet at 10.00 a.m.

Chief Guest

Mr.K.Balaji

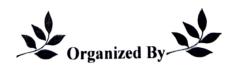
Senior HR Manager Preethi Hospital, Madurai

Dr.C.Kavitha

Assistant Professor Sri Meenakshi College, Madurai

Dr.J.SundaraRajan

Principal, NPR College of Engineering & Technology Felicitate the function



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



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DEPARTMENT OF MANAGEMENT STUDIES

CIRCULAR

Date: 20.03.2021

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

The details of the training program are given below.

EVENT

National level FDP on "Personality Development

Programme"

Mr.K.Balaji

Sr.Hr.Manager

Preethi Hospital, Madurai.

RESOURCE PERSON'S

Dr.C.Kavitha

Assistant Professor

Sri Meenakshi College, Madurai.

VENUE

Google Meet

DATE

27.03.2021

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

SESSION TIMING

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

PROGRAM COORDINATOR

Mrs.P.Geetha,

Assistant Professor,

Department of Management studies.

Copy to:

1. Administrative office for information

2. All HODs

3. College Notice Board

4. File



Dr. J.SUNDARARAJAN

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

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



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DEPARTMENT OF MANAGEMENT STUDIES

National level FDP

On

"Personality Development Programme"

REGISTRATION FORM

| Name | |
|---------------|--|
| Gender | |
| Qualification | |
| Designation | |
| Institution | |
| Address | |
| Contact No | |
| Email Id | |

SIGNATURE



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DEPARTMENT OF MANAGEMENT STUDIES

National level FDP

On

"Personality Development Programme"

PHOTOGRAPH

SESSION I (Screenshot)



SESSION II (Screenshot)



PROGRAM COORDINATOR

Head of the Department Dr. J.SUNDARARAJAN,

Department of MEA

NPR College of Engineering & Technology

NPR College of Engineering & Technology

Natham District (DT) + 624 491: Natham Distr

PRINCIPAL

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National level FDP

On

"Personality Development Programme" SUMMARY REPORT

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

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

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

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

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

PRINCIPAL

Head of the Dep COORDINATOR ordinator - IQAC NPR College of Engineering & Technology Department of MBA

Natham, Dindigul (Dt)-624-401

M.P.R. College of Engineering & Technolog

Natham, Dindigul (Dt) - 624 40%

PROGRAM

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DEPARTMENT OF MANAGEMENT STUDIES

National level FDP On "Personality Development Programme"

CERTIFICATE



NPR COLLEGE OF ENGINEERING AND TECHNOLOGY

FACULTY DEVELOPMENT PROGRAM

"PERSONALITY DEVELOPMENT PROGRAMME"

Certificate of participation

| This is to certify that of has | ; |
|---|--------|
| attended National Level Faculty Development Program on "PERSONALITY | , |
| DEVELOPMENT PROGRAM" the Organised by Department Of Management | : |
| Studies, NPR COLLEGE OF ENGINEERING & TECHNOLOGY on 27.03.2021 | Market |
| | |

PROGRAM CO-ORDINATOR

HOD

PRINCIPAL

PROGRAM COORDINATOR

PRINCIPAL

Head of the Department Dr. J.SUNDAR

Department of MBA

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Natham, Dindigul (D.)





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FACULTY DEVELOPMENT PROGRAMME

"RESEARCH OPPORTUNITIES, CHALLENGES IN POWER ELECTRONICS FOR EV AND ITS IMPACT ON RENEWABLE ENERGY SYSTEMS" 12th to 16th APRIL 2021 **INDEX**

ACADEMIC YEAR: 2020-2021

SEMESTER: EVEN

DURATION: 5 DAYS

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Programme Co-Ordinator

Co-ordinator IQAC

Principal

Head of the Department Coordinator IQAC

Department of Electrical & Electronics Engineering & Technology

Batham Dividing 1994 604 401 NPR College of Engineering & Technology, Dindigul (Dt)-624 401 Natham, Dindigul (DT) - 624 401.

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Natham, Dindigul (Dt) - 624 401



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

PERMISSION LETTER

DATE: 15.03.2021

From

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

To

The Principal, NPR College of Engineering & Technology, Natham

Respected Sir,

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

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

Thanking you

Yours faithfully

HøD-EEE

(Prof.G.Elangovan)

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

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NPR College of Engineering & Technology

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

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| COVERING LETTER | | | | |
|--|---|--|--|--|
| Patron | Date: 15.03.2021 | | | |
| Dr. J. Sundararajan, Principal Convener | To The Principal / Dean / Director, All Engineering Colleges. | | | |
| Prof. G.Elangovan, HOD / EEE | Dear Sir / Madam, Sub: Five days FDP on "RESEARCH OPPORTUNITIES, CHALLENGES IN POWER ELECTRONICS FOR EV AND ITS IMPACT ON RENEWABLE ENERGY SYSTEMS".— Reg., | | | |
| Organizing Committee Members 1. Mr.S.Sathyamoorthi, AP/EEE 2. Mrs.S. Anitha AP/EEE 3. Ms.K.Tamilselvi, AP/EEE 4. Mr.M.Edwin Lawrance, | We have great pleasure in informing you that the Department of Electrical & Electronics Engineering, NPR College of Engineering & Technology, Natham is organizing Five Day Faculty Development Programme on "RESEARCH OPPORTUNITIES, CHALLENGES IN POWER ELECTRONICS FOR EV AND ITS IMPACT ON RENEWABLE ENERGY SYSTEMS" during 12 th April to 16 th April 2021. The objective of the Programme is to familiarize and train the academicians and research scholars in these emerging areas. We shall be glad to receive nominations from your institution on or before 05.4.2021 Kindly forward the attached brochure to the respective department (EEE). Looking forward to your kind cooperation for the success of the FDP. Thanking you With regard, HOD FEEE (Prof. G.Elangovan) | | | |



NPR College of Engineering & Technology

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Brochure

| FACULTY DEVELOPMENT PROGRAMME On "RESEARCH OPPORTUNITIES, On "RESEARCH OPPORTUNITIES, CHALLENGES IN POWER ELECTRONICS Principal, FOR EV AND ITS IMPACT ON RENEWABLE ENERGY SYSTEMS" ENERGY SYSTEMS" Netham - 624 401. On "RESEARCH OPPORTUNITIES, CHALLENGES IN POWER ELECTRONICS Principal, NPR College of Engineering & Technology. Netham - 624 401. Organized by Description of | | ORGANIZING COMMITTEE | FACULTY DEVELOPMENT PROGRAMME |
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| CHALLENGES IN POWER ELECTRONICS FOR EV AND ITS IMPACT ON RENEWABLE ENERGY SYSTEMS* 1274 J. 10 16 TA APRIL 2020 Regarded Form (To be filled in block letter) Name Department Gender Male / Female Department Address for Communication Address for Communication To Mr. S. Sathyamoonthy, APIEEE Mr. S. Anitha, AP/EEE Mr. S. Sathyamoonthy, APIEEE Mr. S. Sathyamoonthy, APIEEE Mr. S. Sathyamoonthy, APIEEE Mr. S. Sathyamoonthy, APIEEE To Jose Flag April 2020 April 1274 J. 10 16 The April 2020 Cogenitation Name Department April 1274 J. 10 16 The April 2020 Communication Organization Mr. S. Sathyamoonthy, APIEEE Mr. S. Sathyamoonthy, APIEEE April 2021 April 1274 TO 369, APRIL 2021 Organization NPR COLLEGE OF ENGINEERING TECHNOLOGY April 1274 J. 10 16 The Apiel 2021 April 1274 TO 369, APRIL 2021 Organization NPR COLLEGE OF ENGINEERING April 1274 J. 10 16 The Apiel 2021 April 1274 J. 10 16 The Apiel | | Patron | CHALLENGES IN POWER ELECTRONICS |
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| ENERGY SYSTEMS* 1279_TO 16 TM APRIL 2020 Registration Form (To be filled in block lear) Department Gender Male Female Description. Organizing Committee Members 1 Mr.S. Sathyamoorth, APIEEE Address for Communication 2 Mrs.S. Anitha, AP/EEE 3 Ms.K.Tamilsolv, APIEEE 4 Mr.M. Edwin Lawrance, APIEEE Email d, Mode of Rayment, DO CASH H CO DD No. Date: Name of Bank | *************************************** | | 12" TO 15" APRIL 2021 |
| ENERGY STSTEMS 1276_TO 16 TM APRIL 2020 Reparation Farm (To be filled in block lear) Name Department Gender Male Female Department Communication Mr.S. Sathyamouth, APIEEE Aproved by ACTE, New Doin & Affiliated to Annual University, Chemia. 3 Ms.K.Tamisehv, APIEEE Annual University, Chemia. 4 Mr.M.Edwin Lawrence, APIEEE Served in distinction 1 Mr.M.Edwin Lawrence, APIEEE Served in distinction 2 Mr.M.Edwin Lawrence, APIEEE Served in distinction 2 Mr.M.Edwin Lawrence, APIEEE Served in distinction 3 Mr.M.Edwin Lawrence, API | | | a |
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| Name Department Gender: Male / Female Designation, Organizing Committee Members Cognitization, 1 Mr. S. Sathyamoonthi, APIEEE Address for Communication 2 Mrs. S. Anithal, AP/EEE Address for Communication 3 Ms. K. Tamilselvi, APIEEE Address for Communication 4 Mrs. S. Anithal, AP/EEE Address for Communication 5 Mrs. S. Anithal, AP/EEE Anna University, Chemna. (An ISO 9011.015 Certified Institution) Nation 624-401 Phone (4544-24950), 501, 502 Fax (454 | detalante. | Convener | ELECTRICAL & ELECTRONICS ENGINEERING |
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| Organization 1 Mr.S. Sathyamoorthi, APIEEE Address for Communication 2 Mrs. S. Anitha, AP/EEE 3 Ms.K. Tamiliselvi, APIEEE 4 Ms.M. Edwin Lawrence, APIEEE 8 Ms.T. Sivakumer APIEEE 9 Ms.T. Sivakumer APIEEE | - | | NPR COLLEGE OF ENGINEERING |
| Address for Communication: 2 Mrs.S. Anitha, AP/EEE 3 Ms.K.Tamilsevi, AP/EEE 4 Mr.M.Edwin Lawrence, AP/EEE 5 Mr.T. Sivekumer AP/EEE 6 Mode of Paymerk, DD CASH DD No: Date: Amount Rs. Ps. 500: Demand Date stranging of Tempresing & Temprology paysone at Name of Bank. Approved by AICTE, New Delhi & Affiliated to Anna University, Chennal, (An ISO 900):2015 Certified Institution) Notem - 624 401. Phone (4544 24550), 501, 502 Fax (4544 24550), 501, 502 Fax (4544 24550), 501, 502 Fax (4544 24550) Phone (4544 24550), 501, 502 Fax (4544 24550), 501, 502 Fa | DESCRIPTION Agreement as a remaining of the contract of the co | Organizing Committee Members | TECHNOLOGY |
| Address for Communication 2 Mrs.S. Anitha, AP/EEE 3 Ms.K.Tamiliselvi, APIEEE 4 Mr.M. Edwin Lawrance, APIEEE 5 Mr.T. Svakumar APIEEE Email id. Wide of Bayment, DD CASH 1 If CO DD No: Date Name of Bank Amount Rs. Institute of Bank Amount Rs. | COSSOCIATION AND CONTRACTOR OF THE CONTRACTOR OF | 1 Mr.S.Saftvarnoorthi, APIEEE | |
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| Mr.M. Edwin Lawrance. APIEEE Phone (4544 29550), 501, 502 4 Mr.M. Edwin Lawrance. APIEEE S. Mr.T. Swakumar APIEEE Email (d.) Mode of Eayment DD CASH Date: Name of Bank: Amount Rs. It 00 Do No: Date: Name of Bank: Amount Rs. Its 800- Demand Dat should be down in favour of The Principal (AFR) College of Engineering & Technology payable at Namen) Date: | CONTROL BOOK II | ² Mrs.S. Anitha, AP/EEE | |
| ## Mr.M.Edwin Lawrance. APIEEE Fax CuSust 208511 | eli consideraria ca nacionalmente considerariano eli colo conseguira escribia de diferencia consideraria | 3 Ms.K.Tamilselvi, APIEEE | |
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| Principal URR College of Engineering & Technology beliebe at Namen] Date | Name of Bank: Amount Rs. | | 等。2. 流影的自動音音 翻印版 有 |
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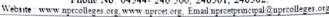


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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

10.04.2021 9.04.2021 Last date for Receipt of Application. INPORTANT DATES

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Department

Infiliation of Selection

2008, it offers a four year B.E. degree programme

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That is why, right from reception, this group of

excellence to flower not just in education but in all

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guidance and infrastructure, every student can

At NPR, we believe that given the right push

ABOUT THE INSTITUTION

Electronics Engineering was started in the year

REGISTRATION FEE DETAIL

Faculty Members B 8 RE 2001 S. 800. ő Ассот тодарол Registration Boarding Details S

in Electrical and Electronics Engineering and Two year PG programme in M.E. Power Electronics and drives. To meet the growing electric energy demand and

Scope of the Training Program:

dedicated labs for every stream of subject be it in

engineering, polytechnic or the arts. NPR takes pride in saying that its computer student ratio is

in sports, we dier one of the biggest cricketing tewns and coaching among universities. We have

OBJECTIVE

27 kms away itom Dindigul and 35 kms away itom NPRCET is situated at Natham which Modural, Tama Nodu.

CONFERENCE VENUE

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Department of Electrical & Electronics Engineering NPR Callege of Engineering & Technology

ADDRESS FOR CORRESPONDANCE Nation 624 421

Prof.G.Elangovan, HS/SH NPR College of Engineering & Technology NATIONAL SERVICES.

Email ID: aprostate (Brighton) eges org LandWadu, Mobile: 9790244498

ABOUT THE LOCATION

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

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Each student is empowered with soft skills in presentation and language to become an all-round personality. Communus guidance is offered at every level of learning. Mostly, we believe discipline itself is a great teacher and we build this in every student. By the time our students leave, they know that they can achieve anything they want and that they can make others

Offering the right guidance is another key

one of the best in India.

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science, technology people to come and

RESOURCEPERSONS

Prof G. Maheseaan

Engneering 0000 Chastai Justines di Ladudesc. DOCTOR BOTTOR ъ Department Engineering

> EEE is the oldest of the engineering streams, and its applications are many. Methodist provides this important course for the undergraduates, and there are many benefits in joining it. EEE covers the topics about both the electrical and electronic subjects. So, these students can get into the jobs

ABOUT THE DEPARTMENT

believe in that too

2. Prof. Ass.Mungan

Department of

Electrical and Electronics Enginearing, CVR College of Enginearing, Telangana

prospects for this group is huge, and it is the

reason for many people, to join this course.

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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

"FACULTY DEVELOPMENT PROGRAMME"

on

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

On 12th April, 2021

Venue: NPRCET SEMINAR HALL

Chief Guest

Dr.G.Maheswaran Ph.D.,

Professor/EEE

Chennai Institute of Technology, Chennai.

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

Organized By

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



NPR College of Engineering & Technology

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

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

FDP

on

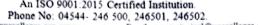
"RESEARCH OPPORTUNITIES, CHALLENGES IN POWER ELECTRONICS FOR EV AND ITS IMPACT ON RENEWABLE ENERGY SYSTEMS"

AGENDA

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



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Date: 12.04.2021

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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

Programme Schedule

Venue: NPRCET SEMINAR HALL

Internal Resource Persons

- 6. Mr.S.Sathyamoorthi, AP/EEE
- 7. Mrs.Anitha AP/EEE
- 8. Ms.K.Tamilselvi, AP/EEE
- 9. Mr.M.Edwin Lawrance, AP/EEE
- 10. Mr.T.Sivakumar AP/EEE

External Resource Persons

- 1. Prof G. Maheswaran Department of Electrical Engineering, Chennai Institute of Technology. Chennai
- 2. Prof. A.S. Murugan Department of Electrical Engineering CVR College of Engineering, Telangana
- 3. Dr.V.Sureshkumar Department of Electrical Engineering, Thiagarajar College of Engineering Madurai.
- 4. Dr. G.Sivashankar Department of Electrical Engineering, Thiagarajar College of Engineering Madurai
- 5. Dr.T.Kavitha Department of Electrical Engineering, Thiagarajar College of Engineering Madurai



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| | SESSION | TOPIC | RESOURCE PERSON |
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| 9.30 a.m. to 10:00 a.m. | | Inauguratio | n |
| 10:00 a.m. to 11:10 a.m. | SESSION I | The state of the art of electric, hybrid, and fuel cell vehicle | Prof G. Maheswaran Department of Electrical Engineering, Chennai Institute of Technology, Chennai |
| 11:10 a.m. to 11:30 a.m. | | Tea Break | |
| 11:30 a.m. to 12:30 p.m. | SESSION II | Modern electric vehicle technology | Prof G. Maheswaran Department of Electrical Engineering, Chennai Institute of Technology, Chennai |
| 12:30 p.m. to 01: 30 p.m. | | Lunch Breal | k |
| 01:30 p.m. to 02: 45 p.m. | SESSION III | Review on the state-of- the-art technologies of electric vehicle, its impacts and prospects | Prof G. Maheswaran Department of Electrical Engineering, Chennai Institute of Technology. Chennai |
| 02:45 p.m. to 03: 00 p.m. | | Tea Break | |
| 03:00 p.m. to 04: 00 p.m. | SESSION IV | Renewable and Sustainable Energy Reviews | Mr.S.Sathyamoorthi, Assistant Professor, Department of EEE, NPRCET. |
| 9:30 a.m 10:45 a.m. | SESSION I | Utilization of Wideband gap devices for a high power density On-board Battery Charger | Prof. A.S. Murugan Department of EEE, CVR College of Engineering, Telangana |
| 10:45 a.m. to 11.00 a.m. | Tea | | |
| 11.00 a.m. to 12.30 p.m. | SESSION | Power electronic interface | Prof. ASS.Murugan |
| | 9:30 a.m. 9:30 a.m. to 10:00 a.m. 10:00 a.m. to 11:10 a.m. 11:10 a.m. to 11:30 a.m. 11:30 a.m. to 12:30 p.m. 12:30 p.m. to 01: 30 p.m. 01:30 p.m. to 02: 45 p.m. 02:45 p.m. to 03: 00 p.m. 03:00 p.m. 03:00 p.m. to 04: 00 p.m. | 9:30 a.m. to 10:00 a.m. 10:00 a.m. to 11:10 a.m. 11:10 a.m. to 11:30 a.m. 11:30 a.m. to 12:30 p.m. 12:30 p.m. to 01: 30 p.m. 01:30 p.m. to 02: 45 p.m. 01:30 p.m. to 03: 00 p.m. 03:00 p.m. to 04: 00 p.m. 03:00 p.m. to 04: 00 p.m. 9:30 a.m 10:45 a.m. 10:45 a.m. to 11:00 a.m. Tea | 9:30 a.m. to 10:00 a.m. 10:00 a.m. to 11:10 a.m. SESSION Inauguration The state of the art of electric, hybrid, and fuel cell vehicle 11:10 a.m. to 11:30 a.m. SESSION III The state of the art of electric, hybrid, and fuel cell vehicle 11:30 a.m. to 12:30 p.m. SESSION III Lunch Bread Modern electric vehicle technology Even on the state-of-the-art technologies of electric vehicle, its impacts and prospects O2:45 p.m. to 03: 00 p.m. O3:00 p.m. SESSION III Review on the state-of-the-art technologies of electric vehicle, its impacts and prospects Tea Break O3:00 p.m. to 04: 00 p.m. SESSION IV SESSION Sustainable Energy Reviews Utilization of Wideband gap devices for a high power density On-board Battery Charger Tea Break |





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| | | 11 | for vehicular | Department of EEE, CVR College of |
|------------|--------------------------|----------------|--|--|
| | | | electrification | CVR College of Engineering, Telangana |
| | 12.30 p.m. to 1.30 p.m. | Lun | ch Break | |
| | 1.30 p.m. to 2.45 p.m. | SESSION III | Hybrid electric, and plug- in hybrid electric vehicles | Prof. A.S. Murugan Department of EEE, CVR College of Engineering, Telangana |
| | 2.45 p.m. to 3.00 p.m. | 0 . | Tea Break | |
| | 3.00 p.m. to 4.00 p.m. | SESSION IV | . Power electronics and motor drives applications in EV | Mr.T.Sivakumar, Assistant Professor, Department of EEE, NPRCET. |
| | 9:30 a.m 10:45 a.m. | SESSION I | Role of high power semiconductor devices in hybrid electric vehicles | Dr.V.Sureshkumar Department of Electrical Engineering, Thiagarajar College of Engineering,Madurai. |
| | 10:45 a.m. to 11.00 a.m. | 0 | . Tea Break | |
| | 11.00 a.m. to 12.30 p.m. | SESSION II | Role of high power semiconductor devices in hybrid electric vehicles | DrV.Sureshkumar Department of Electrical Engineering, Thiagarajar College of Engineering,Madurai. |
| Day 3 | 12.30 p.m. to 1.30 p.m. | 0 | Lunch Break | 0 |
| 14.04.2021 | 1.30 p.m. to 2.45 p.m. | SESSION III | Research opportunities in hybrid electric vehicles | Dr.V.Sureshkumar Department of Electrical Engineering, Thiagarajar College of Engineering,Madurai. |
| | 2.45 p.m. to 3.00 p.m. | | Tea Break | |
| | 3.00 p.m. to 4.00 p.m. | SESSION IV | Electric vehicle technology-a worldwide perspective | Mrs.Anitha AP/EEE Assistant Professor, Department of EEE, NPRCET. |
| · . | 9:30 a.m 10:45 a.m. | SESSION I | Operation Modes for the | Dr. G.Sivashankar |





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| | | | Electric Vehicle in Smart Grids | Department of Electrical Engineering, Thiagarajar College of Engineering, Madurai. |
|---------------------|--------------------------|----------------|--|--|
| Day 4 | 10:45 a.m. to 11.00 a.m. | 0 | Tea Break | Lukor |
| 15.04.2021 | 11.00 a.m. to 12.30 p.m. | SESSION II | Operation Modes for the Electric Vehicle in Smart Homes | Dr. G.Sivashankar Department of Electrical Engineering, Thiagarajar College of Engineering,Madurai. |
| | 12.30 p.m. to 1.30 p.m. | 0 | Lunch Break | 1 1 |
| | 1.30 p.m. to 2.45 p.m. | SESSION III | Reconfigurable Battery Charger for Electric Vehicles | Dr. G.Sivashankar Department of Electrical Engineering, Thiagarajar College of Engineering,Madurai |
| | | | | |
| | 2.45 p.m. to 3.00 p.m. | Tea Break | | |
| | 3.00 p.m. to 4.00 p.m. | SESSION IV | Modular converter architecture for medium voltage ultra fast EV charging stations: | Mr.S.Sathyamoorthi, Assistant Professor, Department of EEE, NPRCET. |
| Day 5 16.04.2021 | 9:30 a.m 10:45 a.m. | SESSION I | Power Electronics and Motor Drives in Electric, Vehicles | Dr T.Kavitha Department of Electrical Engineering, Thiagarajar College of Engineering,Madurai. |
| 10.04.2021 | 10:45 a.m. to 11.00 a.m. | 0 | Tea Break | |
| | 11.00 a.m. to 12.30 p.m. | SESSION II | Power Electronics and Motor Drives in Hybrid Electric Vehicles | Dr. T. Kavitha Department of Electrical Engineering, Thiagarajar College of Engineering,Madurai. |





NPR College of Engineering & Technology

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

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| 12.30 p.m. to 1.30 p.m. | 0 | Lunch Break | |
|-------------------------|----------------|--|--|
| 1.30 p.m. to 2.45 p.m. | SESSION III | Power Electronics and Motor Drives in Plug-In Hybrid Electric Vehicles | Dr T. Kavitha Department of Electrical Engineering, Thiagarajar College of Engineering,Madurai |
| 2.45 p.m. to 3.00 p.m. | | Tea Break | |
| 3.00 p.m. to 4.00 p.m. | SESSION IV | Hybrid Electric Vehicles controllers | Mr. T.Sivakumar AP/EEE, Assistant Professor, Department of EEE, NPRCET. |
| 4.00 p.m. to 4.30 p.m. | | Valedictory | |

Programme Co-ordinator

IQAC Co-ordinator

Pringipal

Head or the Department Coordinator - IQAC

Department of Electrical & Electronical Engineering & Technology College of Engineering & Technology NPR College of Engineering & Technology Dindigul (Dt)-624 401 Nathern, Dindigul (DT) - 624 441.

Natham, Dindigul (Dt) - 624 401,





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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

FACULTY DEVELOPMENT PROGRAMME

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



Inaugural Function



NPR Nagar, Natham, Dindigul - 624401, Tamil Nadu, India.
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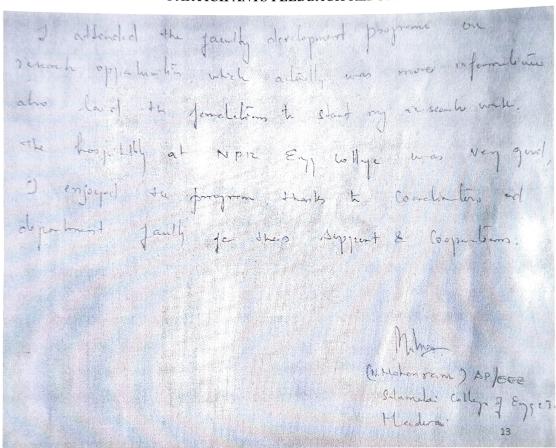
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FACULTY DEVELOPMENT PROGRAMME

on

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

PARTICIPANTS FEEDBACK REPORT



FEEDBACK SUMMARY

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

10



College of Engineering & Technology

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FACULTY DEVELOPMENT PROGRAMME

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

SUMMARY REPORT

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

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

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

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

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

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

asses &

Programme Co-ordinator

IQAC Co-ordinator

Principal

15

Head of the Department

Coordinator - IQAC

Department of Electrical & Electronics Engineering & Technolog Sollege of Engineering & Technolog Natham, Dindigul (DT) - 624 401.

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FACULTY DEVELOPMENT PROGRAMME

on

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

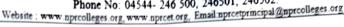
CERTIFICATE





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INTERNAL QUALITY ASSURANCE CELL Three Days Faculty Development Programme

"SKILL ENHANCEMENT"

INDEX

EVENT: Three Days FDP on "SKILL ENHANCEMENT"

ACADEMIC YEAR: 2020 - 2021

SEMESTER:

DURATION: 3 Days

| S.NO. | PARTICULARS | PAGE NO. |
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| 12 | Certificates Of The Programme | 22 |

Program Co-Ordinator

NICONTEN e API Civil

IQAC Co-ordinator

Coordinator IQAC MPR College of Engineering & Technology Natham, Dindigul (Dt)-624 40.

Principal Principal

Dr. J.SUNDARARAJAN,

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

Principal

N.P.R. College of Engineering & Technolog Nathami Dindigul (Dt) - 624 401.



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INTERNAL QUALITY ASSURANCE CELL PERMISSION LETTER

DATE: 01.04.2021

From

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

To

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

Respected Sir,

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

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

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

Thanking you

Yours faithfully,

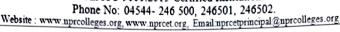
Mr. K. Aruna Senthil Kumar

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





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CIRCULAR

NPRCET/OFF/IQAC/FDP/2020-2021

DATE: 06.04.2021

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

The details of the training Programme are given below.

RESOURCE PERSON'S

: Mr. D.Shanmuga Sundaram, Chairman and Advisor,

Phoenix Training Academy, Erode

VENUE

: NPRCET A/C Auditorium

DATE

: 15.04.2021 to 17.04.2021

SESSION TIMING

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

(for all days)

01:00 p.m..to 04:00 p.m..





NPR College of Engineering & Technology
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| | FUNCTI | ON PERMISSION LETTER |
|-------|--------------------------------------|---|
| | | Letter date: 01.04.2021 |
| S.No. | PARTICULARS | |
| 1. | Name of the College | NPR College of Engineering & Technology |
| 2. | Department | IQAC |
| 3. | Title of the Function | Three Days FDP on "SKILL ENHANCEMENT PROGRAMME" |
| 4. | Function Date | 15.04.2021 to 17.04.2021 |
| 5. | Function Name | Faculty Development Programme. (FDP) |
| 6. | A. Resource Person Name | Mr. D.Shanmuga Sundaram, Chairman and Advisor, Phoenix Training Academy center, Erode |
| | B. Mode of Transport Receiving | Car |
| | C. Mode of Transport Sending | Car |
| | D. Honoring | |
| | i. Memento | Yes |
| | ii. Shawl | 1 No. |
| | iii. Bouquet | No |
| | E. Tiffin / Lunch /Dinner | Yes (2 Nos. – Non Vegetarian) |
| | F. Tea & Snacks | Yes (2 Nos.) |
| 7. | Tea & Snacks for Staffs | Yes |
| 8. | Invitation & Flex Designing | |
| | A. Printing Invitation Model | Yes |
| | B. No. of Invitations / Brochures | |
| | C. Invitation Distribution | |
| | i. Name list by Post | Yes |

| st by person | No |
|-------------------|--|
| | 110 |
| ings requirement | |
| able Cloth | Yes |
| ray Cloth | Yes |
| | Yes |
| m | Yes |
| | Yes |
| ttle/ Spray | Yes |
| ng arrangements | NPRCET A/C Auditorium |
| aff | Approximately |
| airs on the stage | 3 |
| P in front of the | No |
| | |
| Song | Yes |
| al Anthem | Yes |
| | Yes |
| | Yes |
| ash | Yes |
| ottle & Glasses | Yes |
| ent | |
| pher time | 09.30 a.m. |
| ws | Yes |
| function | Yes |
| rm needed | Yes |
| | Table Cloth Tay Cloth Interpretation of the stage of th |





College of Engineering & Technology

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Date: 04.04.2021

INTERNAL QUALITY ASSURANCE CELL

COVERING LETTER

Chief Patron

Mr. M.Sivakumar, Chief Administrative Officer, NPRGI

Patron

Dr. J. Sundararajan, Principal

Convener

Mr.K. Aruna Senthil kumar AP/Mech.

Program Co-Ordinator

Mr. N.Karthic, AP/Civil

Organizing Committee Members

Dr. A.Hemalatha, HoD/Civil.

Dr. A.Gopi Saminathan, HoD/EEE

Mr. G.Elangovan, HoD/CSE.

Mr. N.Karthic, AP/Civil

To

The Principal / Dean / Director,

All Engineering Colleges.

Dear Sir / Madam,

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

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

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

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

Thanking you,

With regards,

(Mr.K. Aruna Senthil kumar)

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



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INTERNAL QUALITY ASSURANCE CELL

BROCHURE

REGISTRATION FORM

Three Days Faculty
Development Programme
on

"SKILL ENHANCEMENT"

15th April to 17th April2021 Registration Form

(To be filled in block letter)

Department:

Gender: Male / Female

Designation:

Organization

Address for Communication:

Phone Email id

Date:

ORGANIZING COMMITTEE

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

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

Convener

Mr.K. ArunaSenthilkumar AP/Mech.

Co-ordinator

Mr. N. Karthic, AP/Civil

Organizing Committee Members

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

Three Days Faculty Development Programme

on

"SKILL ENHANCEMENT"

15th April to 17th April2021

Organized by

INTERNAL QUALITY ASSURANCE CELL



NPR COLLEGE OF ENGINEERING

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

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







NPR College of Engineering & Technology

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INTERNAL QUALITY ASSURANCE CELL

BROCHURE

ABOUT THE INSTITUTION

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

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

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

SIGNIFICANCE IN SKILL ENHANCEMENT

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

ABOUT THE FOR

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

TOPIC TO BE COVERED

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

RESOURCE PERSONS

External Resource Person:

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

Internal Resource Persons:

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

IMPORTANT DATES

Confirmation of Registration: 12.04.2021
Last Date for Registration : 13.04.2021
BOARDING AND LODGING

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

REGISTRATION FEE DETAILS

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

ABOUT THE LOCATION

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

NPRCET A/C Auditorium

NPR College of Engineering and Technology Natham-624 401

ADDRESS FOR CORRESPONDANCE

IQAC Co-ordinator Mr.K. Aruna Senthil kumar AP/Mech.

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

TamilNadu. Mobile: 9994034593.

Email ID: nprcetiqac@nprcolleges.org Website: www.nprcolleges.org





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

'Three Days Faculty Development Programme' on "SKILL ENHANCEMENT"

From 15.04.2021 to 17.04.2021

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

Chief Guest

Mr. D.Shanmuga Sundaram,

Chairman and Advisor, Phoenix Training Academy Salem

Dr. J. Sundararajan,

Principal,

NPR College of Engineering & Technology felicitates the function

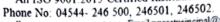
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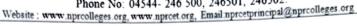
INTERNAL QUALITY ASSURANCE CELL NPR College of Engineering & Technology, NPR Nagar, Natham.





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INTERNAL QUALITY ASSURANCE CELL Three Days Faculty Development Programme "SKILL ENHANCEMENT"

Course Content:

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





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INTERNAL QUALITY ASSURANCE CELL Three Days Faculty Development Programme

"SKILL ENHANCEMENT" PROGRAMME SCHEDULE

Venue: NPRCET A/C Auditorium

Date: 10.04.2021

| Internal Resource Persons: | |
|-----------------------------------|--|
| 1. Dr. A.Hemalatha, HoD/Civil. | |
| 2. Dr. A.Gopi Saminathan, HoD/EEE | |
| 3. Mr. G.Elangovan, HoD/CSE. | |
| 4. Mr. N.Karthic, AP/Civil | |
| | |

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

| | | | | 5.61 |
|------------|--------------------------|----------------|-----------------------|--|
| | 11.00 a.m. to 12.30 p.m. | SESSION | Interpersonal Skills | Mr. D.Shanmuga Sundaram, Chairman and Advisor, Phoenix Academy and training center, Erode. |
| | 12.30 p.m. to 1.30 p.m. | Lunch Break | | |
| | 1.30 p.m. to 2.45 p.m. | SESSION III | Communication Skills | Dr. A.Gopi Saminathan, HoD/EEE |
| | 2.45 p.m. to 3.00 p.m. | Tea Break | | |
| | 3.00 p.m. to 4.00 p.m. | SESSION | Communication Skills | Dr. A.Gopi Saminathan, HoD/EEE |
| | 9:30 a.m 10:45 a.m. | SESSION I | Adaptability Skill | Mr. D.Shanmuga Sundaram, Chairman and Advisor, Phoenix Academy and training center, Erode. |
| l t | 10:45 a.m. to 11.00 a.m. | Tea Break | | |
| Day 3 | 11.00 a.m. to 12.30 p.m. | SESSION II | Adaptability Skill | Mr. D.Shanmuga Sundaram, Chairman and Advisor, Phoenix Academy and training center, Erode. |
| 16.04.2021 | 12.30 p.m. to 1.30 p.m. | Lunch Break | | |
| | 1.30 p.m. to 2.45 p.m. | SESSION III | Time Management Skill | Mr. G.Elangovan, HoD/CSE. |
| | 2.45 p.m. to 3.00 p.m. | Tea Break | | |
| | 3.00 p.m. to 4.00 p.m. | SESSION IV | Adaptability Skill | Mr. N.Karthic, AP/Civil |
| | 4.00 p.m. to 4.30 p.m. | 1 | Valedictory | |

Programme Co-ordinator

IN Scartlic

AP Civic

IQAC Co-ordinator

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

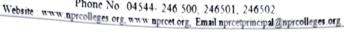




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Phone No: 04544- 246 500, 246501, 246502





INTERNAL QUALITY ASSURANCE CELL

Three Days Faculty Development Programme

"SKILL ENHANCEMENT" **PHOTOGRAPH**



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



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





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INTERNAL QUALITY ASSURANCE CELL Three Days Faculty Development Programme "SKILL ENHANCEMENT"

STAFF FEEDBACK

| | | | TOTODV |
|---------------------------------|-----------|------|--------------|
| CONTENT | EXCELLENT | GOOD | SATISFACTORY |
| COURSE CONTENT | | | |
| TECHNICAL SKILL | | | |
| INTERACTION | | | |
| PRACTICAL SESSION | | | |
| COMMUNICATION | | | |
| y Other Comments / Suggestions: | | | |
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NPR Nagar, Natham, Dindigul - 624401, Tamil Nadu, India.

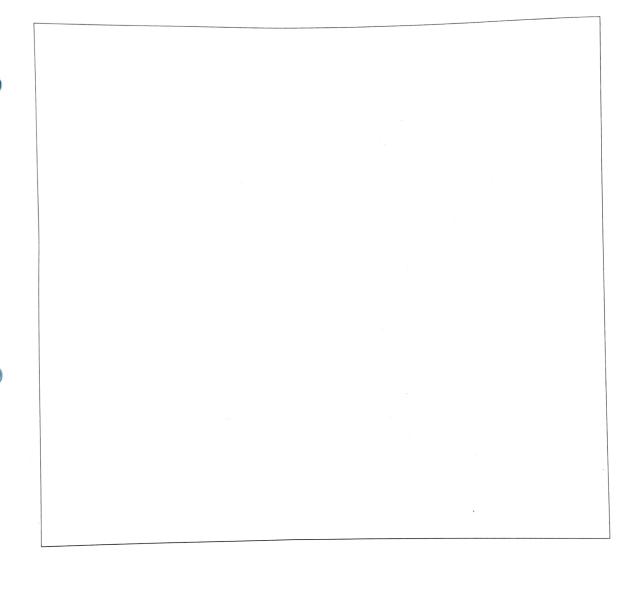
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INTERNAL QUALITY ASSURANCE CELL Three Days Faculty Development Programme "SKILL ENHANCEMENT"

PARTICIPANT REPORT





Participant's Signature



. College of Engineering & Technology

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INTERNAL QUALITY ASSURANCE CELL Three Days Faculty Development Programme

"SKILL ENHANCEMENT" SUMMARY REPORT

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

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

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

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

Program Co-Ordinator

GINEERING

IQAC Co-ordinator

Coordinator - IQAC FPR College of Engineering & Technology Hatham, Dindigul (Dt)-624 401

Principal

Dr. J.SUNDARARAJAN

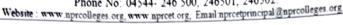
B.E., M.Tech., Ph.D.

Principal N.P.R. College of Engineering & Technology Natham, Dindigu: (Ut) - 624 401.



PK College of Engineering & Technology
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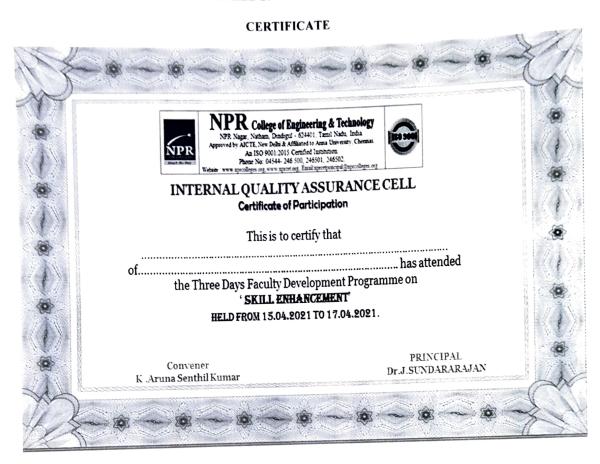
Phone No: 04544- 246 500, 246501, 246502





INTERNAL QUALITY ASSURANCE CELL Three Days Faculty Development Programme on

"SKILL ENHANCEMENT"



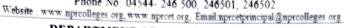




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DEPARTMENT OF MECHANICAL ENGINEERING

One day online Workshop

on

"Recent Advancements in Industrial Instrumentation"

INDEX

ACADEMIC YEAR: 2020 -2021

SEMESTER:EVEN

DURATION: One Day

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Program Co-ordinator

HoD-MECH

IQAC Co-ordinator

Principal

Head of the Department - Coordinator - IQAC

Principal

Department of Montanical Engineering & Technology V.P.R. College of Engineering & Technology V.P.R. College of Engineering & Technology V.P.R. * College of Engineering & Tempology Natham, Dindigul (Dt)-624 401 Natham, Dindigul (Dt) - 624 401 Satham, Dindigul (DT) - 624 401.

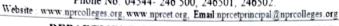




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DEPARTMENT OF MECHANICAL ENGINEERING

PERMISSION LETTER

DATE: 24.04.2021

From

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

To

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

Respected Sir,

Sub: Requisitionfor organizingOne Day Workshopon"Recent Advancements in Industrial Instrumentation"—Reg.

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

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

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

Thanking you

Yours faithfully,

Or.T. Malaichamy,

HoD-Mech





College of Engineering & Technology

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Patron

Dr. J.Sundarajan,

Principal,

Convener

Dr. T. Malaichamy,

HoD-MECH

Co-ordinator

Dr.S. Paulsingarayar Prof-MECH

Organizing Committee Members

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

COVERING LETTER

Date: 25.04.2021

To

The Principal/ Dean/Director,

All Engineering Colleges.

Dear Sir/Madam,

Sub: One day Workshop on "RECENT ADVANCEMENTS IN

INDUSTRIAL INSTRUMENTATION"- Reg.,

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

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

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

Thanking you,

With regards, T. Malaichamy

HoD-MECH

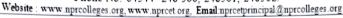




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DEPARTMENT OF MECHANICAL ENGINEERING

One day online Workshop

on

"Recent Advancements in Industrial Instrumentation"

Brochure

One Day workshop
on
'RECENT ADVANCEMENTS IN
INDUSTRIAL INSTRUMENTATION'

DATE: 04.05.2021 VENUE: Google Meet

Registration Form

Organization

Email id:

Mode of Payment : DD/CASH

If DD

DD No.:

Date: Amount Rs.

Name of Bank:

IRs. 250/- Demand Draft should be drawn in favour of
"NPR College of Engineering & Technology" payable

at Natham| Date: Signature ORGANIZING COMMITTEE

Patron

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

Convener

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

Co-ordinator

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

Organizing Committee Members

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

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

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



NPR



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

Phone: 04544 246500, 501, 502

Fax: 04544 246511

E-mail: nprcetprincipal@nprcolleges.org

One Day Workshop on

'RECENT ADVANCEMENT IN INDUSTRIALS INSTRUMENTATION'

> DATE: 04.05.2021 VENUE:Google Meet Organized by

DEPARTMENT OF MECHANICAL ENGINEERING







NPR College of Engineering & Technology

NPR Nagar, Natham, Dindigul - 624401, Tamil Nadu, India. Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai. An ISO 9001:2015 Certified Institution.



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DEPARTMENT OF MECHANICAL ENGINEERING

One day online Workshop

on "Recent Advancements in Industrial Instrumentation"

Brochure

About the College

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

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

Resource Person

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

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

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

Important Dates

Last Date for Registration :29.04.2021 Confirmation mail :30.04.2021

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

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

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

Place:

Signature of the Applicant

Sponsorship certificate

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

Office Seal

Signature of the sponsoring authority

Place:



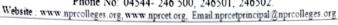




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DEPARTMENT OF MECHANICAL ENGINEERING

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

One day online Workshop

on

'RECENT ADVANCEMENTS IN INDUSTRIAL INSTRUMENTATION' On 04thMay, 2021

Venue: Google Meet at 09.30 a.m.

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

Chief Guest

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

Dr.J.Sundararajan

Principal,

NPR College of Engineering & Technology

Felicitates the function

Organized by

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





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DEPARTMENT OF MECHANICAL ENGINEERING

One day online Workshop

on

"Recent Advancements in Industrial Instrumentation"

REGISTRATION FORM

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

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DEPARTMENT OF MECHANICAL ENGINEERING

One day online Workshop

on

"Recent Advancements in Industrial Instrumentation"

Programme Schedule

Venue: Google Meet

Date: 03.06.2021

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

External Resource Person:

Internal Resource Person:

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

1. Dr. T. Malaichamy. Prof/Mech, NPRCET

| | | PROGI | RAMME SCHEDULE | |
|------------|-----------------------------|----------------|---|--|
| DATE | TIME | SESSION | TOPIC | RESOURCE PERSON |
| | 9:30 a.m.to 10:00 a.m. | | Inaugurat | ion |
| | 10:00 a.m. to 11:10 a.m. | SESSION I | Interfacing with the machine | Mr.S. Suresh, Chief Executive, MSV Automation Pvt. Ltd, Madurai. |
| | 11:10 a.m. to 11:30 a.m. | | Tea Brea | ık |
| 04.05.2021 | 11:30 a.m.to 12:30 p.m. | SESSION II | Interfacing with the machine | Mr.S. Suresh, Chief Executive, MSV Automation Pvt. Ltd, Madurai. |
| | 12:30 p.m. to 1: 30 p.m. | | Lunch Br | eak |
| | 1:30 p.m.to 2: 45 p.m. | SESSION III | Remote test for critical infrastructure | Dr. T. Malaichamy. Prof/Mech, NPRCET |
| | 2.45 p.m.to 3.00 p.m. | | Tea Bre | ak |
| | 3.00 p.m.to 3.45p.m. | SESSION IV | Questionnaire session | - |
| | 3.45p.m. to 4.00 p.m. | | Valedict | ory |





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DEPARTMENT OF MECHANICAL ENGINEERING

. One day online Workshop

on

"Recent Advancements in Industrial Instrumentation"

Presentation of Chief Guest







NPR College of Engineering & Technology
NPR Nagar, Natham, Dindigul - 624401, Tamil Nadu, India.
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DEPARTMENT OF MECHANICAL ENGINEERING

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

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| Email * | |
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| Your email | |
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| Name of the staff | |
| Your answer | |
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| Designation of the staff | |
| DEPARTMENT | |
| Your answer | |
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| NAME OF THE COLLEGE | |
| NAME OF THE COLLEGE | |
| Your answer | |
| | |
| Course Content * | |
| EXCELLENT | |
| ○ G00D | |
| ○ FAIR | |
| SATISFACTORY | |
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| Way of exposed new knowledge and practices " | |
| ○ EXCELLENT | |
| ○ G00D . | |
| ○ FAIR | |
| (SATISFACTORY | |



One day online Workshop

on

"Recent Advancements in Industrial Instrumentation"

FEEDBACK SUMMARY REPORT

| Nay of exposed new knc Delivered by ≤ | EXCELLENT | 3000 | 3000 | EXCELLENT | EXCELLENT | EXCELLENT | EXCELLENT | EXCELLENT | FAIR | 54.0 | 9000 | 3000 | EXCELLENT |
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| Course Content | EXCELLENT | 9000 | EXCELLENT | 9000 | 0000 | 9000 | EXCELLENT | EXCELLENT | G000 | 9000 | EXCELLENT | 3000 | 3000 |
| NAME OF THE COLLEGE | RVS COLLEGE OF ENGINEERING AND TECHNOLOGY | HINDUSTAN COLLEGE OF ENGINEERING AND TECHNOLOGY | SRI ESHWAR COLLEGE OF ENGINEERING AND TECHNOLOGY | CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY | AXSHAYA COLLEGE OF ENGINEERING AND TECHNOLOGY | RVS COLLEGE OF ENGINEERING AND TECHNOLOGY | SUBRAMANIYA COLLEGE OF ENGINEERING AND TECHNOLOGY EXCELLENT | Adithya College of Engineering | Jaiper Engineerin College | IMAYAM COLLEGE OF ENGINEERING | Dr. DAULATRAG AHER COLLEGE OF ENGINEERING, KARAD | SSN COLLEGE OF ENGINEERING | RAJALAKSHMI COLLEGE OF ENGINEERING |
| NAME OF THE STAFF DESIGNATION | S.GOKUL ASSISTANT PROFESSOR | K. SIRAJUDEEN ASSISTANT PROFESSOR | S BASKARAN ASSISTANT PROFESSOR | THILAK GOWDA ASSISTANT PROFESSOR | G.KISHORE ASSISTANT PROFESSOR | G.SATHIC ASSISTANT PROFESSOR | V.RAMKUMAR ASSISTANT PROFESSOR | L.GUFTHA ASSOCIATE PROFESSOR | 78:2021 17:29:30 bemasor7891@gmail.co JOEL APARECIO BERN ASSISTANT PROFESSOR | G.P. PREM KUMAR ASSISTANT PROFESSOR | 18/2021 17:02:16 rajputak1258@yahoo.co.RANJIT ARJUN KATKAF ASSOCIATE PROFESSOR | BHARATHKUMAR A ASSISTANT PROFESSOR | 78/2021 17:21:18 jeyaveerapandiang@gm:JEYAVEERA PANDIAN (ASSISTANT PROFESSOR |
| Timestamp Email Address | 7/8/2021 17.20:16 gokuls123@gmsil.com S.GOKUL | 7/8/2021 18:18:18 siraju1982@gmail.com K. SIRAJUDEEN | 7/8/2021 17:28:38 beskerkutty@yahoo co ir S BASKARAN | 7/5/2021 17:32:36 thilakgowdan@GMAIL.C THILAK GDWDA | 7/8/2021 19/02:17 gkishore546@gmail.com G.KISHORE | 7/8/2021 18:39:24 asthicboy13@gmail.com G.SATHIC | 7/8/2021 17 30:16 rsm_kumar456@ggmsill.c V.RAMKUMAR | 7/8/2021 17:50:45 lguptha423@yahoo.com L.GUPTHA | 7/8/2021 17:29:30 bemasor7891@gmail.co. | 7.6/2021 17-40:18 premkumargp@gmail.coi.G.P. PREM KUMAR | 7/8/2021 17:02:16 rajputak1256@yahoo.co. | 7/8/2021 17 06:29 bharatha1589@gmail.coi BHARATHKUMAR A | 7/8/2021 17:21:18 jeysveerspandiang@gm |

| estamp | Email Address | NAME OF THE STAFF DESIGNATION | DESIGNATION | NAME OF THE COLLEGE | Time Management | |
|----------|---|-------------------------------|---------------------|---|-----------------|--|
| 7/8/2021 | 7/8/2021 17:20:18 gokuls123@gmail.com | S.GOKUL | ASSISTANT PROFESSOR | RVS COLLEGE OF ENGINEERING AND TECHNOLOGY | 9000 | |
| 7/8/2021 | 7/8/2021 13:18:18 siraju1982@gmail.com K. SIRAJUDEEN | K. SIRAJUDEEN | ASSISTANT PROFESSOR | HINDUSTAN COLLEGE OF ENGINEERING AND TECHNOLOGY | EXCELLENT | |
| 7/8/2021 | 7/8/2021 17:26:36 baskarkutty@yahoo.co.ir S.BASKARAN | ir S.BASKARAN | ASSISTANT PROFESSOR | SRI ESHWAR COLLEGE OF ENGINEERING AND TECHNOLOGY | FAIR | |
| 778/2021 | 7/8/2021 17:32:38 thilakgowdan@GMAIL C THILAK GOWDA | D THILAK GOWDA | ASSISTANT PROFESSOR | CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY | 3000 | |
| 7/8/2021 | 78/2021 19:02:17 gkishore548@gmail.com G.KISHORE | n G.KISHORE | ASSISTANT PROFESSOR | AKSHAYA COLLEGE OF ENGINEERING AND TECHNOLOGY | EXCELLENT | |
| 7/8/2021 | 7/8/2021 18:39:24:asthicboy13@gmail.com G.SATHIC | 6.SATHIC | ASSISTANT PROFESSOR | RVS COLLEGE OF ENGINEERING AND TECHNOLOGY | EXCELLENT | |
| 7/8/2021 | 7/8/2021 17:30:18 ram_kumar458@gmail.c V.RAMKUMAR | CVRAMKUMAR | ASSISTANT PROFESSOR | SUBRAMANIYA COLLEGE OF ENGINEERING AND TECHNOLOGY | EXCELLENT | |
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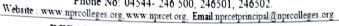




College of Engineering & Technology

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DEPARTMENT OF MECHANICAL ENGINEERING

One day online Workshop

on

"Recent Advancements in Industrial Instrumentation"

Summary Report

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

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

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

On04.05.21, during the valedictory session, the participants gave feedback about the programme and the certificates were distributed to the participants by the principal. Then the programme Co-ordinator.

Dr. S. Paulsingarayar, delivered the vote of thanks and the programme came to an end.

Programme Co-ordinator

HoD-Mech

IQAC Co-ordinator

Principal

Head of the Depa partment of Mechanica!

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CERTIFICATE



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CERTIFICATE OF PARTICIPATION

| | This is to certify thatof |
|-------------|--|
| | has actively |
| | participated in the Workshop on Recent Advancements in Industrial |
| | Instrumentation' organised by the Department of Mechanical Engineering, NPR College of Engineering & Technology, Natham on 04.05.2021 through online pedagogy. |
| > | Instrumentation organised by the Department of Mechanical Engineering, |

Junes & C CONVENER Dr.T. Malaichamy HoD/Mech



Principal Dr.J.Sundararajan

