



# ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

## AICTE Training and Learning (ATAL) Academy

### Certificate

This is certified that **G.RAMANI**, Professor of **NANDHA ENGINEERING COLLEGE** participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Control Techniques in Electric Vehicles and Battery Management" from 04/10/2021 to 08/10/2021 at **VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY**.

Advisor-I, ATAL Academy  
Mamta Rani Agarwal



**PRINCIPAL**  
Nandha Engineering College  
(Autonomous)  
Erode - 638 052.

Coordinator

No: ATAL/2021/1633342741



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

### AICTE Training and Learning (ATAL) Academy

# Certificate

This is certified that **RAMRAJ B**, Assistant Professor of **NANDHA ENGINEERING COLLEGE** participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Artificial Intelligence Foundations for Power Systems" from 25/10/2021 to 29/10/2021 at **K.L.N. College of Engineering**.

Advisor-I, ATAL Academy  
Mamta Rani Agarwal



**PRINCIPAL**  
Nandha Engineering College  
(Autonomous)  
Erode - 638 052.

Coordinator





# Nandha Engineering College

(Autonomous) - Affiliated to Anna University, Chennai.  
Erode - 638052. Tamilnadu.



Department of Electrical and Electronics Engineering



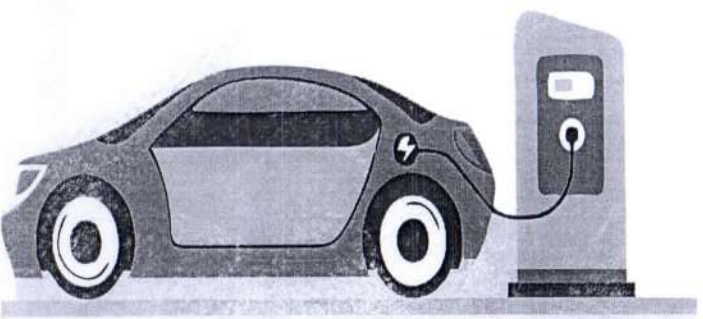
Council of Scientific And Industrial Research (CSIR)

## Certificate of Participation

This is Certify that ~~Dr./Mr./Ms./Mrs.~~ B. RAMRAY, AP/EEE of

NANDHA ENGINEERING COLLEGE (AUTONOMOUS) has attended the CSIR Sponsored National Level Seminar on

"Emerging Advancements In Battery Technology for Future Electric Vehicle Applications" on 21<sup>st</sup> December 2021.



*T. S. J.*  
Convener

*A. S. S.*

**PRINCIPAL**  
Nandha Engineering College  
(Autonomous)  
Erode - 638 052.

Principal



No: ATAL/2021/1638428022



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

## Certificate

This is certified that **RAMRAJ B**, Assistant Professor of **NANDHA ENGINEERING COLLEGE** participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "RESEARCH ISSUES IN ELECTRIC VEHICLES" from 06/12/2021 to 10/12/2021 at Alagappa Chettiar Government College of Engineering and Technology .

Advisor-I, ATAL Academy  
Mamta Rani Agarwal



Coordinator

**PRINCIPAL**  
Nandha Engineering College  
(Autonomous)  
Erode - 638 052.



## Researcher Academy On Campus Certificate of Attendance



This certifies that

**Pratheeba Chenniappan**

has attended the following

Two-day Awareness Workshop on Improving Research &  
Performance Outcomes

at Elsevier's Zoom Webinar,  
on Tuesday 31 August, 2021

Presented by Vishal Gupta Senior Customer Consultant, Lavanya Trikha Inside  
Solution Manager

Suzanne BeDell  
Managing Director, Education  
Reference & Continuity Books

Philippe Terheggen  
Managing Director, Science,  
Technology & Medical Journals



**PRINCIPAL**  
Nandha Engineering College  
(Autonomous)  
Erode - 638 052.

No: ATAL/2021/1630578765



**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

**AICTE Training and Learning (ATAL) Academy**

# *Certificate*

This is certified that Pratheeba C, Assistant Professor of Nandha Engineering College participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Design and Optimization of EV Charging Technology in Smart Grid Platform" from 13/09/2021 to 17/09/2021 at Paducherry Technological University.

Advisor-I, ATAL Academy  
Mamta Rani Agarwal

  
Coordinator

**PRINCIPAL**  
Nandha Engineering College  
(Autonomous)  
Erode - 638 052.







# Nandha Engineering College

(Autonomous) - Affiliated to Anna University, Chennai.  
Erode - 638052. Tamilnadu.



Department of Electrical and Electronics Engineering



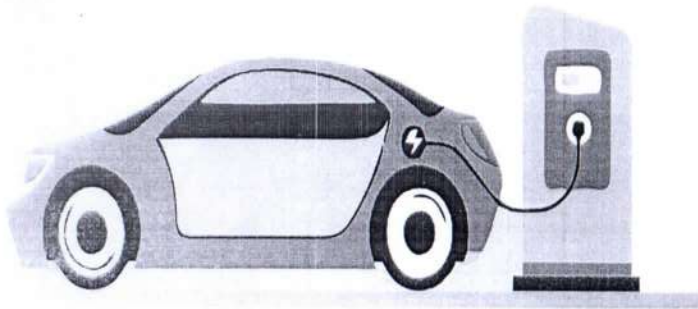
Council of Scientific And Industrial Research (CSIR)

## Certificate of Participation

This is Certify that ~~Dr./Mr./Ms./Mrs.~~ PRATHEEBA . C , AP/EEE of

NANDHA ENGINEERING COLLEGE (AUTONOMOUS) has attended the CSIR Sponsored National Level Seminar on

"Emerging Advancements In Battery Technology for Future Electric Vehicle Applications" on 21<sup>st</sup> December 2021.



*T. S. J.*  
Convener

*A. P. S.*  
HoD

**PRINCIPAL**  
Nandha Engineering College  
(Autonomous)  
Erode - 638 052.

*Deepa*  
Principal



Department of Computer Science & Engg.  
Kanwal Rekhi Building  
Indian Institute of Technology Bombay  
Powai, Mumbai 400076 INDIA  
Tel. : +91 22 25764986  
email : support@e-yantra.org



IIT Bombay

## Attendance Certificate

**Date of Issue: 12th October 2021**

This certificate is awarded to **C Pratheeba** for attending “**Technical Session on Internet of Things (IoT)**” conducted through the **e-Yantra Lab Setup Initiative (eLSI)**. The hands-on session was conducted on 1st October 2021 and it covered following topics:

1. History of IoT, and where it is headed
2. Possible IoT architectures
3. What are the available IoT providers
4. Use case discussion
5. Messaging Protocols

Prof. Kavi Arya  
Principal Investigator, e-Yantra  
Professor  
Department of Computer Science and Engineering  
Indian Institute of Technology Bombay



96b200060c0f4c9f216e61519c6a8c40df1803c

e-Yantra is a project sponsored by MoE, Government of India, under the National Mission on Education through ICT (NMEICT).

**PRINCIPAL**  
**Nandha Engineering College**  
**(Autonomous)**  
**Erode - 638 052.**





# Nandha Engineering College

(Autonomous) - Affiliated to Anna University, Chennai.  
Erode - 638052, Tamilnadu.



Department of Electrical and Electronics Engineering



Council of Scientific And Industrial Research (CSIR)

## Certificate of Participation

This is Certify that ~~Dr./Mr./Ms./Mrs.~~

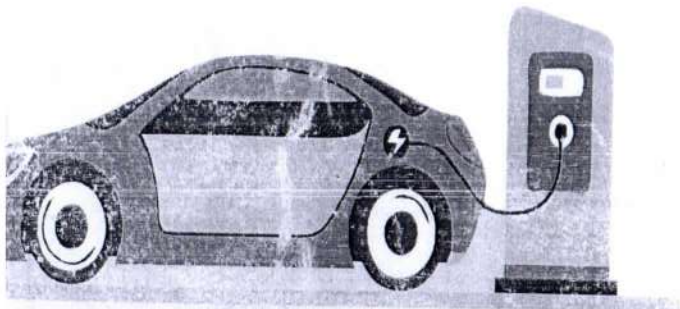
R. VIJAYALAKSHMI, AP/EEE

of

NANDHA ENGINEERING COLLEGE (AUTONOMOUS)

has attended the CSIR Sponsored National Level Seminar on

"Emerging Advancements In Battery Technology for Future Electric Vehicle Applications" on 21<sup>st</sup> December 2021.



  
Convener

  
HoD

  
PRINCIPAL  
Nandha Engineering College  
(Autonomous)  
Erode - 638052. Principal



**ICTACADEMY**

# **CERTIFICATE OF PARTICIPATION**

C.No: 021-198672

Date: 20 Aug 2021

**VIJAYALAKSHMI R**

**Nandha Engineering College**

has participated in 10 Hours of Faculty Development Program on  
**Circuit Design using AutoCAD Electrical (Online Live FDP)**

conducted by ICT Academy on 16 Aug 2021 to 20 Aug 2021



**PRINCIPAL**  
**Nandha Engineering College**  
**(Autonomous)**  
**Erode - 638 052.**

Dr B Anbuthambi  
President, ICT Academy



# CERTIFICATE



## CENTRE FOR FACULTY DEVELOPMENT

ANNA UNIVERSITY :: CHENNAI - 600 025

.....Mr. V. Arun Kumar, Assistant Professor.....

.....Nandha Engineering College, Perundurai, Erode.....

took part in the six-day Faculty Development Training Programme on

.....EE 8552 - Power Electronics.....conducted in

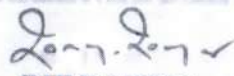
ONLINE MODE by the Department of ..Electrical + Electronics Engineering.....

at .....Kumaraguru College of Technology, Coimbatore.....


from .....21.06.2021..... to .....26.06.2021.....

  
COORDINATOR(S)

with Name  
Dr. K. Premalatha

  
DIRECTOR

CENTRE FOR FACULTY DEVELOPMENT

  
PRINCIPAL REGISTRAR  
Nandha Engineering College  
(Autonomous) ANNA UNIVERSITY  
Erode - 638 052.





# ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

## AICTE Training and Learning (ATAL) Academy

### Certificate

This is certified that **ARUN KUMAR**, Assistant Professor of Nandha Engineering College participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Artificial Intelligence Foundations for Power Systems" from 25/10/2021 to 29/10/2021 at K.L.N. College of Engineering.

Advisor-I, ATAL Academy  
Mamta Rani Agarwal



**PRINCIPAL**  
Nandha Engineering College  
(Autonomous)  
Erode - 638 052. Coordinator





# Nandha Engineering College

(Autonomous) - Affiliated to Anna University, Chennai.

Erode - 638052. Tamilnadu.

Department of Electrical and Electronics Engineering



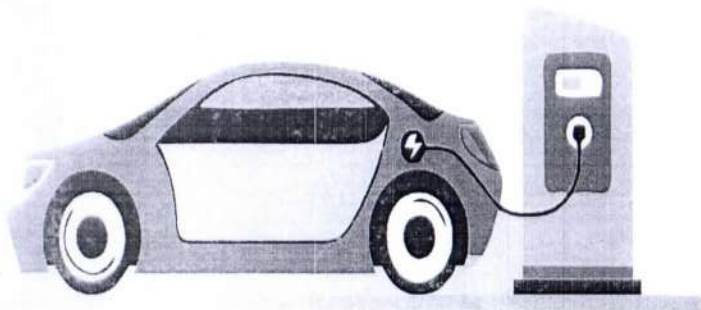
Council of Scientific And Industrial Research (CSIR)

## Certificate of Participation

This is Certify that ~~Dr./Mr./Ms./Mrs.~~ V. ARUN KUMAR, AP/EEE of

NANDHA ENGINEERING COLLEGE (AUTONOMOUS) has attended the CSIR Sponsored National Level Seminar on

"Advancements In Battery Technology for Future Electric Vehicle Applications" on 21<sup>st</sup> December 2021.



T. S. J.  
Convener

A. P. S.  
HoD

[Signature]  
**PRINCIPAL**  
Nandha Engineering College  
(Autonomous)  
Erode - 638 052.  
[Signature]  
Principal



**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

**AICTE Training and Learning (ATAL) Academy**

*Certificate*

This is certified that **ARUN KUMAR**, Assistant Professor of Nandha Engineering College participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "RESEARCH ISSUES IN ELECTRIC VEHICLES" from 06/12/2021 to 10/12/2021 at Alagappa Chettiar Government College of Engineering and Technology .

Advisor-I, ATAL Academy  
Mamta Rani Agarwal

  
Coordinator

**PRINCIPAL**  
Nandha Engineering College  
(Autonomous)  
Erode - 638 052.







**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

**AICTE Training and Learning (ATAL) Academy**

**Certificate**

This is certified that **S.ELANGO**, Associate Professor of **NANDHA ENGINEERING COLLEGE** participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "RESEARCH ISSUES IN ELECTRIC APPLIANCES" from 06/12/2021 to 10/12/2021 at Alagappa Chettiar Government College of Engineering and Technology .

Advisor-I, ATAL Academy  
Mamta Rani Agarwal



Coordinator

**PRINCIPAL**  
**Nandha Engineering College**  
**(Autonomous)**  
**Erode - 638 052.**





# CMR INSTITUTE OF TECHNOLOGY

(Affiliated to VTU, Approved by AICTE, Accredited by NBA and NAAC with A+ Grade)

Bengaluru, Karnataka.

## CERTIFICATE OF PARTICIPATION

This is to certify that DR.T.JAYAKUMAR., *Associate Professor* in *Nandha Engineering College (Autonomous), Erode* has actively participated in One day Online webinar on "Design of Fractional Order controllers using Optimization methods" on 3<sup>rd</sup> September, 2021 organized by the Department of Electrical & Electronics Engineering, CMR Institute of Technology, Bengaluru- 560 037.

Dr. Hemachandra G  
Coordinator

Dr. K Chitra  
Convener

Sanjay Jain

**PRINCIPAL** Dr. Sanjay Jain  
Nandha Engineering College  
(Autonomous) Principal  
Erode - 638 052





KPR Institute of  
Engineering and  
Technology

Learn Beyond

(Autonomous, NAAC "A")

Avinashi Road, Arasur, Coimbatore.



INSTITUTION'S  
INNOVATION  
COUNCIL

(Ministry of HRE Initiatives)

## Certificate of Participation

This is to certify

**Dr. T Jayakumar**

**Associate Professor**

**Nandha Engineering College (Autonomous)**

has participated in AICTE Sponsored Faculty Development Program (Series - II) on "Design and Operational Perspective of Electric Vehicle with Distributed Energy Resources using Cyber Physical System" organized by Department of Electrical and Electronics Engineering from 13-09-21 to 25-09-21

**Dr. V. Kumar Chinnaiyan**  
HoD / EEE



**Dr. M. Akila**  
Principal

**PRINCIPAL**  
**Nandha Engineering College**  
**(Autonomous)**  
**Erode - 638 052.**





# Nandha Engineering College

(Autonomous) - Affiliated to Anna University, Chennai.  
Erode - 638052. Tamilnadu.

Department of Electrical and Electronics Engineering



Council of Scientific And Industrial Research (CSIR)

## Certificate of Participation

This is Certify that Dr./Mr./Ms./Mrs.

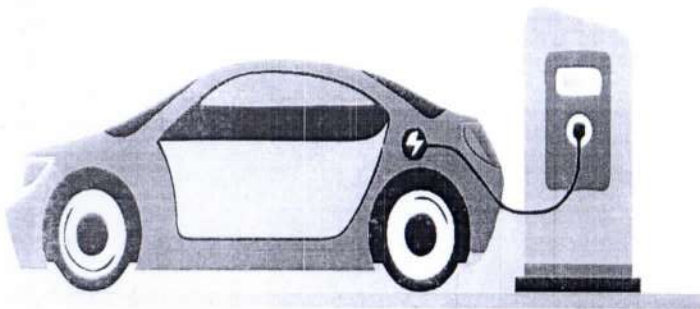
T. JAYAKUMAR, ASP/EEE

of

NANDHA ENGINEERING COLLEGE (AUTONOMOUS)

has attended the CSIR Sponsored National Level Seminar on

"Emerging Advancements In Battery Technology for Future Electric Vehicle Applications" on 21<sup>st</sup> December 2021.



T. Jayakumar  
Convener

[Signature]  
PRINCIPAL  
Nandha Engineering College  
(Autonomous)  
Erode 638 052.

[Signature]  
HoD

[Signature]  
Principal



ICTACADEMY

# CERTIFICATE OF PARTICIPATION

C.No: 021-198703

Date: 20 Aug 2021

**K SATHYASREE**

Nandha Engineering College

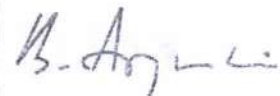
has participated in 10 Hours of Faculty Development Program on  
**Circuit Design using AutoCAD Electrical (Online Live FDP)**

conducted by ICT Academy on 16 Aug 2021 to 20 Aug 2021



  
**PRINCIPAL**  
Nandha Engineering College  
(Autonomous)  
Erode - 638 052.

Dr B Anbuthambi  
President, ICT Academy







# Nandha Engineering College

(Autonomous) - Affiliated to Anna University, Chennai.  
Erode - 638052. Tamilnadu.



Department of Electrical and Electronics Engineering



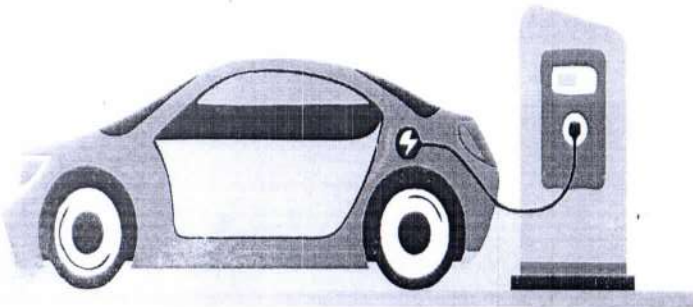
Council of Scientific And Industrial Research (CSIR)

## Certificate of Participation

This is Certify that ~~Dr./Mr./Ms./Mrs.~~ K. SATHYASREE, AP/EEE of

NANDHA ENGINEERING COLLEGE (AUTONOMOUS) has attended the CSIR Sponsored National Level Seminar on

"Emerging Advancements In Battery Technology for Future Electric Vehicle Applications" on 21<sup>st</sup> December 2021.



*T. S. J.*  
Convener

*G. P.*  
HoD

*N. S.*

**PRINCIPAL**  
Nandha Engineering College  
(Autonomous)  
Erode - 638 052.

*N. S.*  
Principal



Researcher Academy On Campus  
Certificate of Attendance



This certifies that

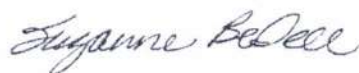
**KRISHNAGANDHI P**

has attended the following

Two-day Awareness Workshop on Improving Research & Performance Outcomes

at Elsevier's Zoom Webinar,  
on Tuesday 31 August, 2021

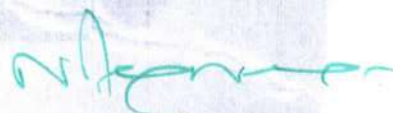
Presented by Vishal Gupta Senior Customer Consultant, Lavanya Trikha Inside Solution Manager



Suzanne BeDell  
Managing Director, Education  
Reference & Continuity Books



Philippe Terheggen  
Managing Director, Science  
Technology & Medical Journals



**PRINCIPAL**  
**Nandha Engineering College**  
**(Autonomous)**  
**Erode - 638 052.**



No: ATAL/2021/1629308085



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi - 110 070

### AICTE Training and Learning (ATAL) Academy

# Certificate

This is certified that **KRISHNAGANDHI P**, Assistant Professor of **NANDHA ENGINEERING COLLEGE** participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Advanced FDP on "Basic Course in Smartphone Journalism" from 06/09/2021 to 10/09/2021 at Film and Television Institute of India.

Advisor-I, ATAL Academy  
Mamta Rani Agarwal



Coordinator

**PRINCIPAL**  
Nandha Engineering College  
(Autonomous)  
Erode - 638 052.








# Certificate


This is to certify that

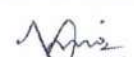
**Dr./Mr./Ms. KRISHNAGANDHI P**


**Nandha Engineering College**

Has successfully completed One-week virtual faculty development program on,  
"Artificial Intelligence for Electrical Engineering" Organized by Department of Electrical Engineering, RIT  
Rajaramnagar, in association with RIT-IEEE Student Branch & Sponsored by IEEE Region 10 Educational  
Activities, IEEE Bombay Section Educational Activities Committee on 04 - 08, October, 2021.

  
Dr. A. S. Diwakar  
Coordinator, Designated Partner  
AIEE Edtech, IIT, Bombay

  
Dr. Sujil A  
Coordinator, Electrical  
Engineering Dept., RIT

  
Dr. V. N. Kalkhambkar  
Coordinator, Head, Electrical  
Engineering. Dept., RIT,

  
Dr. S. S. Kulkarni  
Director  
RIT, Rajaramnagar

  
**PRINCIPAL**  
Nandha Engineering College  
(Autonomous)  
Erode - 638 052.



No: ATAL/2021/1630578817



**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

**AICTE Training and Learning (ATAL) Academy**

## *Certificate*

This is certified that **RAVICHANDRAN V**, Assistant Professor of **NANDHA ENGINEERING COLLEGE** participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Design and Optimization of EV Charging Technology in Smart Grid Platform" from 13/09/2021 to 17/09/2021 at Puducherry Technological University.

Advisor-I. ATAL Academy  
Mamta Rani Agarwal



**PRINCIPAL**  
Nandha Engineering College  
(Autonomous)  
Erode - 638 052.

Coordinator



# Nandha Engineering College

(Autonomous) - Affiliated to Anna University, Chennai.  
Erode - 638052. Tamilnadu.

Department of Electrical and Electronics Engineering



Council of Scientific And Industrial Research (CSIR)

## Certificate of Participation

This is Certify that ~~Dr./Mr./Ms./Mrs.~~

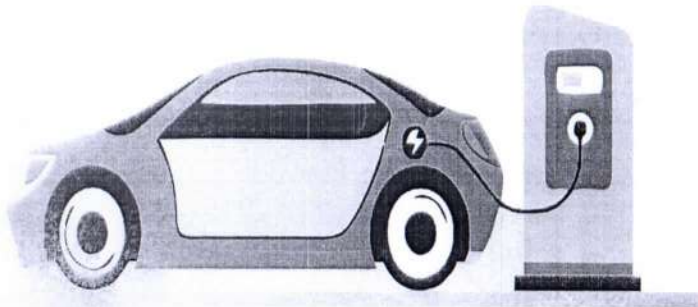
*V. RAVICHANDRAN, AP/EEE*

of

*NANDHA ENGINEERING COLLEGE (AUTONOMOUS)*

has attended the CSIR Sponsored National Level Seminar on

"Emerging Advancements In Battery Technology for Future Electric Vehicle Applications" on 21<sup>st</sup> December 2021.



*T. J. J.*  
Convener

*N. Sankaranarayanan*  
**PRINCIPAL**  
Nandha Engineering College  
(Autonomous)  
Erode - 638 052.

*G. R. S.*  
HoD

*N. Sankaranarayanan*  
Principal



Department of Computer Science & Engg.  
Kanwal Rekhi Building  
Indian Institute of Technology Bombay  
Powai, Mumbai 400076 INDIA  
Tel. : +91 22 25764986  
email : support@e-yantra.org



IIT Bombay

## Attendance Certificate

Date of Issue: 12th October 2021

This certificate is awarded to **Ravichandran V** for attending “**Technical Session on Internet of Things (IoT)**” conducted through the **e-Yantra Lab Setup Initiative (eLSI)**. The hands-on session was conducted on 1st October 2021 and it covered following topics:

1. History of IoT, and where it is headed
2. Possible IoT architectures
3. What are the available IoT providers
4. Use case discussion
5. Messaging Protocols

Prof. Kavi Arya  
Principal Investigator, e-Yantra  
Professor  
Department of Computer Science and Engineering  
Indian Institute of Technology Bombay



a43d576f3892f8640ccf47389aac999485d3068

e-Yantra is a project sponsored by MoE, Government of India, under the National Mission on Education through ICT (NMEICT).

**PRINCIPAL**  
Nandha Engineering College  
(Autonomous)  
Erode - 638 052.



# Nandha Engineering College

(Autonomous) - Affiliated to Anna University, Chennai  
Erode - 638052. Tamilnadu.

NANDHA  
Since 1984

Department of Electrical and Electronics Engineering



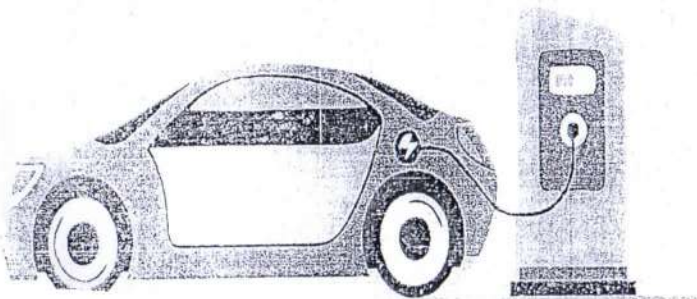
Council of Scientific And Industrial Research (CSIR)

## Certificate of Participation

This is Certify that Dr./Mr./Ms./Mrs. UVARAJ. P APLEEE of

NANDHA ENGINEERING COLLEGE (AUTONOMOUS) has attended the CSIR Sponsored National Level Seminar on

"Emerging Advancements In Battery Technology for Future Electric Vehicle Applications" on 21<sup>st</sup> December 2021.



*T. S. M.*  
Convener

*M. S. M.*  
**PRINCIPAL**  
Nandha Engineering College  
(Autonomous)  
Erode - 638 052.

*A. P. S.*  
HoD

*N. S. S.*  
Principal