



**NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE**  
**(NAAC 'A' Accredited & ISO 9001:2015 Certified Institution)**  
(Approved by AICTE, Affiliated to APJ Abdul Kalam Technological University, Kerala)



**6.3.4 Number of Teachers undergoing online –face-to-face Faculty Development Program (FDP) during the year**

**(Professional Development Programmes, Orientation – Induction Programmes, Refresher Course, Short Term Course)**

S.No	Description	Page No.
1	Details of FDP/PDP program	2
2	Certificates	10



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Pampady, Thrissur, Kerala-680 588



**INDEX PAGE**

Criterion	Description
6.3.4	Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

Sl. No	Particulars
1	List of Faculty members
2	Certificates



  
**PRINCIPAL**  
Nehru College of Engineering and  
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Nila Gardens, Pampady  
Thiruvilwamala, Thrissur - 680588



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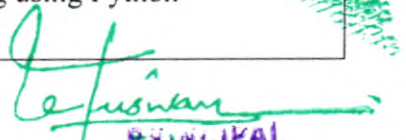


**6.3.4 Content**

**6.3.4 Number of teachers undergoing online-face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation - Induction Programmes, Refresher Course, Short Term Course etc.)**

Sl. No	Name of the teacher who attended	Title of the program
1	Ms.SOUMYA T	Development Programme on Recent Advances in Computing
2	Ms. SMITA UNNIKRISHNAN	Development Programme on Recent Advances in Computing
		Innovative Facets of IOT
3	Ms. MINU AUGUSTINE	Resilient pedagogy
4	Ms. LINTA A T	Resilient pedagogy
5	Ms. SREEJI S	Resilient pedagogy
		Evolution of Education System in Bharath: Nalanda, Thakshashila to the present Day
6	Ms. Divya P	Evolution of Education System in Bharath: Nalanda, Thakshashila to the present Day
7	Ms Sumi M	Evolution of Education System in Bharath: Nalanda, Thakshashila to the present Day
8	Rachel Stefna Angeline. A	NPTEL: The Joy of Computing using Python



  
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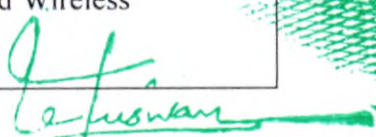
# NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE (NAAC Accredited)

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		VLSI to System Design: Silicon to End Application approach - Organized by AICTE and Arm Education and STMicronics
		Innovative use of Educational Media and Technology in Higher Education by NITTTR, Chennai.
		Knowing Image Processing and Computer Vision through Python - Dept. of ECE, GEC, Sreekrishnapuram, Palakkad.
		UHV - II - organised by AICTE.
9	P. Rajkumar	Opportunities of Power Electronics in Smart Grid, Renewable Energy Sources and Electric Vehicles- Organized by AICTE, ARM Education and STMicronics
		Workshop on VLSI to System Design: Silicon to End Application Approach- Organized by AICTE and Arm Education and STMicronics
10	Rashmi VR	Online workshop on Data Analytics & AI (IPSR solutions)
		8 day National level online FDP on Research Methodology using ChatGPT and AI tools organized by Marian college Kuttikanam in association with KSHEC
11	Dr. Keerthana G	5 - day Online FDP on Publishing high quality research in high quality journals - organised by Mahaguru Institute of Technology
12	Prof. Dr. Mredhula L	Webinar on Brain Computer Interface NSS College of Engineering, Palakkad
		Resilient Pedagogy
		3-days FDP on Signal processing and Wireless Communication



  
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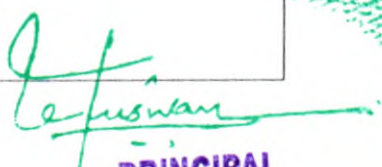
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		5-days FDP on Recent Trends in Biomedical Applications using AI
		UHV - II - organised by AICTE.
		3-days FDP on Wearable Technology in Healthcare
13	Mr. Vysak Valsan V	International Workshop on Innovate and Elevate: Mastering research methodologies
14	Mr.Nithin Joe	International Workshop on Innovate and Elevate: Mastering research methodologies
15	Mr.Vishnu Narayana Prabhu N Kaimal	International Workshop on Innovate and Elevate: Mastering research methodologies
16	Mr.Murugnanatham C	International Workshop on Innovate and Elevate: Mastering research methodologies
17	Mrs. Lisa C	International Workshop on Innovate and Elevate: Mastering research methodologies
18	Mrs Dhanya Nair	FDP on Structural Equation Modeling (SEM Model) using AMOS
		FDP by NITTTR
		AI in Teaching and Research in line with NEP
		YUKTHI VETRI-2023
		Advanced Research Methodology for Social Science Research
		Ethical and Responsible AI: Challenges and opportunities
		Data Analysis Using SPSS & JASP



  
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		Leveraging Artificial Intelligence for Effective Educational Work
19	Mr. Vinod R	IoT Applications in Smart Grid
		Python Programming
		Recent Trends of AI in Biomedical Engineering
20	Mr. Midhunraj P K	Python Programming
21	Mrs. Manjusha P	High Performance VLSI Architectures for Multidisciplinary Applications
22	Mr Anshad V	Counselling and Academic Mentoring
		Teacher Effectiveness in Modern Education
23	Mr. Rejumon R	IoT & AI
24	Dr. Shiny C M	Research Methodology, AI tools in research and Intellectual Property Rights
25	RAJEENAMOL P T	DEMOGRAPHIC DIVIDEND IN INDIA
		Social Entrepreneurship Management
26	SARANYA NAIR	Inculcating Universal Human Values in Technical Education
		Artificial Intelligence (AI) - online
27	ABEENA A	Opportunities of Power Electronics in Smart Grid, Renewable Energy Sources and Electric Vehicles



*[Signature]*  
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		Artificial Intelligence (AI) - online
		Electric Vehicle - online
28	RAJESH P	Opportunities of Power Electronics in Smart Grid, Renewable Energy Sources and Electric Vehicles
29	DAVID E	Inculcating Universal Human Values in Technical Education
		VLSI TO SYSTEM DESIGN: SILICON TO END APPLICATION APPROACH
30	SUNDARAMOORTHY P	RESEARCH CONCLAVE
		CURRICULUM DESIGN
31	Mr. Vimal M N	Inculcating Universal Human Values in Technical Education organized by AICTE
32	Lt. Sanoj T	Inculcating Universal Human Values in Technical Education organized by AICTE
		Renewable & green energy strategy for sustainable development
		Curriculum framework design & development for NGI autonomous institutions
33	Mr. Sudeesh S	Opportunities of Power Electronics in Smart Grid, Renewable Energy Resources and Electric Vehicles
		Higher Education - Ethics Model of Excellence Framework (HE-EMEF)
34	Mr. Vimal M N	Professional workshop development on Digital Creativity Skills organized by Adobe Academic Essential Program



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35	Dr Appadurai M	Inculcating Universal Human Values in Technical Education organized by AICTE
		NGI Research Conclave 2024
		AI and ML Empowerment – Shaping the Future of Mechanical Engineering
		Professional Development Programme on Resilient Pedagogy
		Additive Manufacturing
36	Mr. Manuraj K R	Inculcating Universal Human Values in Technical Education organized by AICTE
37	Mr. Rahul R	Inculcating Universal Human Values in Technical Education organized by AICTE
38	RAKESH P R	NPTEL COURSE ON COMPUTATIONAL FLUID DYNAMICS FOR INCOMPRESSIBLE FLOWS
		2 Days National Seminar on Evolution of Education System in Bharat: Nalanda, Thakshasila..to the present day.
39	Mr. Sudeesh S	2 Days National Seminar on Evolution of Education System in Bharat: Nalanda, Thakshasila..to the present day.
		Artificial Intelligence and Machine Learning
		Introduction to Machine Learning and Python
40	RAKESH P R	Learning Computational Fluid Dynamics with Ansys Fluent
41	Baisel Paul	IEDC Summit



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		FDP, Teacher Effectiveness in Modern Education
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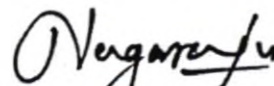
**NEHRU GROUP  
OF INSTITUTIONS**  
TAMILNADU • KERALA  
ISO 14001-2004 CERTIFIED INSTITUTIONS



## NGI RESEARCH CONCLAVE - 2024

### ★ CERTIFICATE ★

This is to certify that .P..SUNDARAMDORTH.I.....  
of ..NEHRU...COLLEGE...OF...ENGINEERING...AND...RESEARCH...CENTRE.....  
has participated in the **NGI Research Conclave - 2024** held on 09.02.2024  
and 10.02.2024, organized by the **Nehru Group of Institutions**.

  
**Dr. H. N. Nagaraja**

Executive Director (Academics & Administration) - NGI



  
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**Dr. P. Krishnakumar**  
CEO & Secretary - NGI



# NEHRU INSTITUTE OF ENGINEERING AND TECHNOLOGY (Autonomous)

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An ISO 9001:2015 and ISO 14001:2015 Certified Institution

Re-Accredited by NAAC with A+ and Recognized by UGC with Section 2(f) and 12(B)

NBA Accredited UG Programmes : AERO | CSE

**Thirumalayampalayam, Coimbatore-641 105**



## ★ CERTIFICATE ★

This is to certify that *Mr. P. SUNDARAMOORTHY*, *ASSO. PROF.*.....  
of *NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE*.....  
has participated in the Two Days Workshop on "CURRICULUM FRAMEWORK  
DESIGN AND DEVELOPMENT FOR NGI AUTONOMOUS INSTITUTIONS"  
organized by *Nehru Institute of Engineering and Technology, Coimbatore* from  
19.01.2024 to 20.01.2024.



*R. Deepa*  
Dr. R. Deepa  
Director IQAC - NIET

*Dr. N.K. Sakthivel*  
Dr. N.K. Sakthivel  
Dean Academics - NIET

*P. Mani*  
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Thiruvilwamala, Thrissur - 689591  
Dr. P. Mani  
Principal - NIET

*Dr. H.N. Nagaraja*  
Dr. H.N. Nagaraja  
Executive Director - NGI



**VIT**  
Vellore Institute of Technology  
(Deemed to be University under section 3 of UGC Act, 1956)

in association with



## CERTIFICATE OF PARTICIPATION

This Certificate is awarded to **Dr. MREDHULA .L** from **NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTER, PAMBADY, THIRUVILWAMALA** for attending 3 days Faculty Development Program on **Wearable Technology in Healthcare** held during 15-17 November 2023 in Online Mode organized by Department of Embedded Technology & Dept. of Sensor and Biomedical Technology, School of Electronics Engineering, Vellore Institute of Technology, Vellore, Tamil Nadu.

*D. Vignesh*

**COORDINATORS**

*[Signature]*

**HOD**

**Embedded Technology**

*[Signature]*

**HOD**

**Sensor and Biomedical  
Technology**

*[Signature]*

**DEAN**

**School of Electronics Engineering**

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VITFDP/23-24/01/039





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**NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI**

*Certificate of Participation*

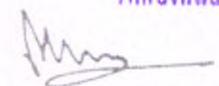
This is to certify that Dr. Mredhula. L from Nehru College of Engineering and Research Centre, Thrissur has participated and successfully completed the 6-day Online UHV-II FDP organized by All India Council for Technical Education (AICTE) from 16th October to 21st October 2023.

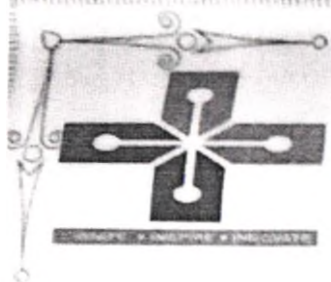


**Dr. Rajneesh Arora**  
Chairman

National Coordination Committee for Induction Program

  
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Prof. Rajive Kumar  
Member Secretary, AICTE



ST. PETER'S INSTITUTE OF HIGHER EDUCATION AND RESEARCH DEEMED  
TO BE UNIVERSITY U/S 3 OF THE UGC ACT 1956 AICTE Approved and ISO  
9001: 2015 Certified, NAAC accredited A+

This is to certify that

Dr.Mredhula.L

Professor & Head, Dept of ECE Nehru College of Engineering & Research Center, Thiruvilwamala, Thrissur dist.

has participated in five-day online FDP on "RECENT TRENDS IN BIOMEDICAL APPLICATIONS USING AI", organized by Department of Biomedical Engineering, in association with Centre for Faculty Development, between 29-01-2024 to 02-02-2024, St. Peter's Institute of Higher Education and Research, Avadi, Chennai.

Dr Bobby ND  
HoD/BME



Dr.M.Suresh  
CFD Co-Ordinator

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Dr E.N Ganesan  
Director



# INSTITUTE OF ENGINEERING AND TECHNOLOGY

University of Calicut

Kohinoor, Thenhipalam P.O. 673636

Malappuram, Kerala



## Faculty Development Program on Signal Processing & Wireless Communication

07,08 & 09 February 2024

Organized by

**Department of Electronics  
& Communication Engineering**



**Mr. Jayant Ganguly**  
Senior Technical Officer  
Kal Science Centre & Planetarium, Kozhikode



**Dr. Jagadeesh V K**  
Assistant Professor  
ECED, NITC



**Dr. Nisheena V Iqbal**  
Associate Professor  
Dept of ECE, MES College of Engineering Kuttippu



**Dr. Ranjith C**  
Principal

Institute of Engineering and Technology Calicut University



**Dr. Mredhula.L**  
Professor & Head  
Dept of ECE, Nehru College of Engineering & Research Center,  
Pampady, Thiruvilwamala, Thrissur Dist.

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Certificate No: 2023-SSPDP-10/10



# National Institute of Technical Teachers Training and Research, Chennai

(Ministry of Education, Government of India)

## Certificate of Participation



This is to certify that

**MREDHULA L**

Professor & HoD, Department of Electronics and Communication Engineering  
Nehru College of Engineering and Research Centre, Thrissur, Kerala  
Participated in the Professional Development Programme on

**“Resilient Pedagogy”**

Conducted by this Institute

from 24.07.2023 to 26.07.2023

at Jawaharlal College of Engineering and Technology, Palakad, Kerala



26.07.2023

Course Coordinator



*[Signature]*  
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Thiruvilwamala, Thrissur - 686538

*[Signature]*  
Director

N.S.S. College of Engineering, Palakkad-678008

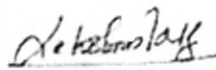
Affiliated to APJ Abdul Kalam Technological University, [www.nssce.ac.in](http://www.nssce.ac.in)

Department of Instrumentation and Control Engineering

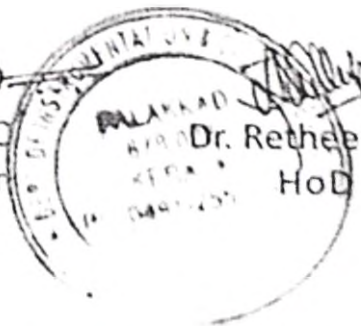
## CERTIFICATE


This is to certify that Dr/Mr/Ms .MREDHULA.,...PROFESSOR.....  
of NEHRU...COLLEGE...OF ENGINEERING...AND...RESEARCH...CENTER, PAMPADY..... has  
attended the Webinar on "Brain Computer Interface" organized by the  
Department of Instrumentation and Control Engineering, N.S.S. College of  
Engineering Palakkad held on 15<sup>th</sup> July 2023.




  
Lekshmi Priya J  
Coordinator

  
Nikhil Binoy C  
Coordinator



  
Dr. Rethelp Raj  
HoD

  
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Dr. P R Suresh  
Principal



Certificate No: 2023-SSPDP-10/22

# National Institute of Technical Teachers Training and Research, Chennai

(Ministry of Education, Government of India)

## Certificate of Participation



This is to certify that

**SAJITHA A S**

Assistant Professor, Department of Electronics and Communication Engineering  
Nehru College of Engineering and Research Centre, Thrissur, Kerala

Participated in the Professional Development Programme on

**“Resilient Pedagogy”**

Conducted by this Institute

from 24.07.2023 to 26.07.2023

at Jawaharlal College of Engineering and Technology, Palakad, Kerala



26.07.2023

Course Coordinator

*[Signature]*

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Director

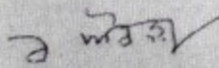


**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**  
**NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI**

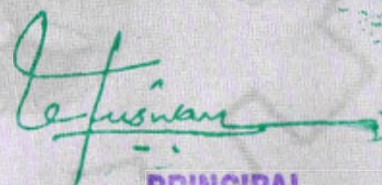
*Certificate of Participation*

This is to certify that Ms. Sajitha A S from Nehru College of Engineering and Research Centre, Thrissur has participated and successfully completed the 3-day Face-to-Face FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) at Nehru College of Engineering and Research Centre, Thrissur from 23rd June to 25th June 2023.

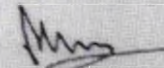


  
**Dr. Rajneesh Arora**  
Chairman

National Coordination Committee for Induction Program



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Thiruvithamala, Thrissur - 686024

  
Prof. Rajive Kumar  
Member Secretary, AICTE



# Certificate of Participation

presented to

**SAJITHA A S**

of

**Nehru College of Engineering and Research Centre, Kerala**

for participating in Professional Development Workshop on Digital Creativity Skills  
as a part of **Adobe Academic Essentials** program.



*Garima*

**Garima Babbar**

Head Education & Skills - APAC and India  
Adobe



**Adobe Express**

*Lejusian*  
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Thiruvilwamala, Thrissur - 680528

*Mamta*

**Dr. Mamta Rani Agarwal**  
Advisor-I  
AJCTE



# Mahaguru Institute of Technology

Affiliated to the APJ Abdul Kalam Technological University (KTU), Thiruvananthapuram  
Approved by AICTE, New Delhi and Accredited by NBA and NAAC

## CERTIFICATE

**DR KEERTHANA G**

*This is to certify that .....  
has participated in the 5 Day Online Faculty Development Program on "Publishing  
Quality Research in High Quality Journals" organized by Department of ECE,  
Mahaguru Institute Of Technology, Kayamkulam, Alappuzha from 06.09.2024 to  
11.09.2024.*



HOD



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**Scholars Gate**

**Research Training Institute**  
(Registered Under MSME, Govt of India)  
Tamil Nadu, India

## ***Certificate of Participation***

This is to certify that

**Mr. VYSAK VALSAN**

**NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE,  
THRISSUR, INDIA**

has participated & completed successfully Three days Online  
**International Workshop on "Innovate and Elevate: Mastering  
Research Methodologies"** from 25-09-2023 to 27-09-2023 at Research  
and Publication Division, **Scholars Gate - Research Training Institute,**  
Tamil Nadu, India.



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**Dr. S. Rajeshkumar**  
**Convenor**

**PRINCIPAL**  
**Nehru College of Engineering and  
Research Centre (Autonomous)**  
**Nila Gardeas, Palappally**  
**Thiruvilwamala, Thrissur - 680538**



Learn on (arm)



This is to certify that

**P. Rajkumar**

from

**Nehru College of Engineering and Research Centre**


has participated in the workshop:


### **VLSI to System Design: Silicon to End Application Approach**

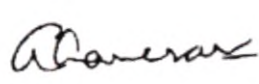
Organized by – All India Council for Technical Education (AICTE),  
Arm Education and STMicroelectronics  
from July 31<sup>st</sup> to 4<sup>th</sup> August 2023

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Thiruvilwamala, Thrissur - 680538



  
**Dr Ramesh Unnikrishnan**  
Advisor-II,  
Training and Learning Bureau,  
All India Council for Technical  
Education (AICTE)

  
**Arnaud Julienne**  
Vice President,  
Microcontrollers and Digital ICs Group,  
IoT/AI Competence Center and Digital Marketing  
China and APAC, STMicroelectronics

  
**Guru Ganesan**  
President and Managing Director,  
Arm India

  
**Dr Khaled Benkrid**  
Senior Director,  
Education and Research,  
Arm Ltd



## SCMS SCHOOL OF ENGINEERING & TECHNOLOGY

VIDYA NAGAR, KARUKUTTY, ERNAKULAM - 683 576



# Certificate of Participation

This is to certify that

*Mr./Ms. P. Rajkumar*

Nehru College of Engineering and Research Centre, Pampady  
participated in the FDP "Opportunities of Power Electronics in Smart Grid, Renewable  
Energy Resources and Electric Vehicles", organized by the Department of Electrical and  
Electronics Engineering of this institution from 26/02/2024 to 01/03/2024.

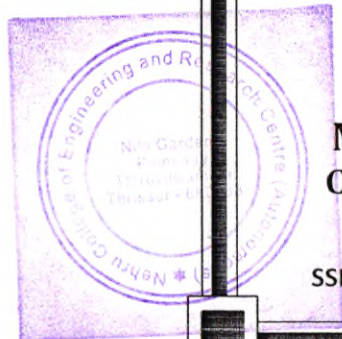
Ms. Deepa S.  
COORDINATOR, SSET

Dr. Jayanand B.  
HOD-EEE, SSET

PRINCIPAL  
Nehru College of Engineering and  
Research Centre (Autonomous)  
Pampady,  
Thiruvilwamala, Thrissur - 688538

Dr. Anitha G. Pillai  
PRINCIPAL, SSET

SSET/EEE/FDP/MARCH 2024/KTU/34





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**RACHEL STEFNA ANGELINE A**  
for successfully completing the course

## The Joy of Computing Using Python



with a consolidated score of **81** %

Online Assignments	24.85/25	Proctored Exam	56.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **16145**

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairperson,  
Centre for Outreach and Digital Education, IITM



Indian Institute of Technology Madras



**Jul-Oct 2023**

**(12 week course)**

*Leifusion*

**PRINCIPAL**

Nehru College of Engineering and  
Research Centre (Autonomous)  
Nila Gardens, Pampady  
Thiruvilwamala, Thrissur - 680538

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**  
NPTEL, Coordinator  
IIT Madras



Roll No: NPTEL23CS108S544000391

To verify the certificate



No. of credits recommended: 3 or 4



Learn on form



This is to certify that  
**Rachel Stefna Angeline A**

from

**Nehru College of Engineering and Research Centre**

has participated in the workshop:

**VLSI to System Design: Silicon to End Application Approach**

Organized by – All India Council for Technical Education (AICTE),

Arm Education and STMicroelectronics

from July 31<sup>st</sup> to 4<sup>th</sup> August 2023

Dr Ramesh Unnikrishnan  
Advisor-II,  
Training and Learning Bureau,  
All India Council for Technical  
Education (AICTE)



Annaud Julianne  
Vice President,

Microcontrollers and Digital ICs Group,  
IoT/AI Competence Center and Digital Marketing,  
China and APAC, STMicroelectronics

Guru Ganesan  
President and Managing Director,  
Arm India

Dr Khaled Benkrid  
Senior Director,  
Education and Research,  
Arm Ltd

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Nehru College of Engineering and  
Research Centre (Autonomous)  
Nila Gardens, Pampady  
Thiruvilwamala, Thrissur - 680551



Institute of Professional Excellence and Management  
A-13/1, SSGT Road, Industrial Area, NH-9, Ghaziabad, India  
(Affiliated to Chaudhary Charan Singh University, Meerut, Uttar Pradesh, India)



Estd. 1996  
*ipem*  
Ghaziabad

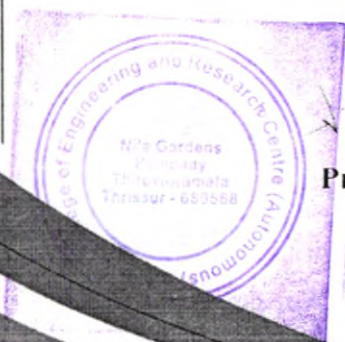
# Certificate of Participation

This Certificate is proudly presented to

**Ms. Rachel Stefna Angeline A**  
Assistant Professor

**Nehru College of Engineering and Research Centre, India**

for his/her participation in International Webinar on 'Innovative use of Educational Media and Technology in Higher Education' in collaboration with *CILKA (Centre for Innovative Learning & Knowledge Application)* on August 28, 2023 from 3:00PM (IST) onwards. The Resource Person was **Prof. Janardhanan Gangathulasi**, National Institute of Technical Teachers' Training and Research (NITTTR), Chennai, India.



*Shashank*  
Principal, CTE

*Janardhanan*  
Managing Director, CILKA

*Leifuswan*  
PRINCIPAL  
Nehru College of Engineering and  
Research Centre (Autonomous)  
N/A Gardens, Pampady  
Thiruvilwamala, Thrissur - 689568  
Mr. Shashank Chaudhary



**GOVERNMENT ENGINEERING COLLEGE  
PALAKKAD  
SREEKRISHNAPURAM, KERALA - 678633**



**CERTIFICATE**

This is to certify that.....**Mrs. Rachel Stefna Angeline A, Assistant Professor**..... from  
**Nehru College of Engineering & Research Centre, Pampady**..... has participated in  
the TEQIP-II sponsored 3 days *Online Faculty Development Programme* on '**KNOWING IMAGE  
PROCESSING AND COMPUTER VISION THROUGH PYTHON**' organized by the  
Department of Electronics and Communication Engineering, Government Engineering College  
Palakkad, Sreekrishnapuram during March 20 - 22, 2023.

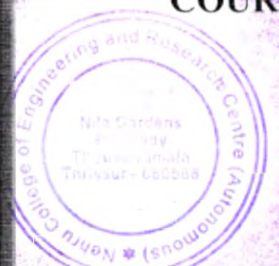
**COURSE CO-ORDINATORS**

**HEAD OF THE DEPARTMENT**

**REGHU  
RAJ P C**

**PRINCIPAL**

Digitally signed by REGHU RAJ P C  
DN: c=IN, o=PERSONAL, title=1323,  
pseudonym=dce39c964bc961f6b8b56e33b6  
bf0db9,  
2.5.4.20=9DCA63D2F4128B0054F96C887472  
39CD6F9B3EAE777D40DAF8FE43595265180  
A, postalCode=673007, st=Kerala,  
serialNumber=be2322e58ce149491d35a1df3  
d1d712f319285dc2fb88d794886ea9c8e4115  
b0, cn=REGHU RAJ P C  
Date: 2023.03.29 14:54:11 +05'30'



**PRINCIPAL**  
Nehru College of Engineering and  
Research Centre (Autonomous)  
Nila Gardens, Pampady  
Thiruvilwamala, Thrissur - 688588

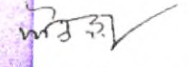


**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**  
**NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI**

## *Certificate of Participation*

This is to certify that Mrs. Rachel Stefna Angeline A from Nehru College of Engineering and Research Centre, Thrissur has participated and successfully completed the 6-day Online UHV-II FDP organized by All India Council for Technical Education (AICTE) from 16th October to 21st October 2023.




  
**Dr. Rajneesh Arora**  
**Chairman**

**National Coordination Committee for Induction Program**



**PRINCIPAL**

**Nehru College of Engineering and  
Research Centre (Autonomous)**  
Nila Gardens, Pampady  
Thiruvilwamala, Thrissur - 686009

  
**Prof. Rajive Kumar**  
**Member Secretary, AICTE**



UNIVERSITY OF CALICUT  
കാലിക്കറ്റ് സർവ്വകലാശാല  
Re-accredited by NAAC with 'A+' Grade



# Certificate

This is to certify that

**Rashmi VR**

has participated in the **Online Workshop on Data Analytics & AI** organized by

**Centre for Computer Science and Information Technology (CCSIT), Manjeri, University of Calicut**

in association with **ipsr solutions limited** on **15th June 2024.**



**Shalini N. P**  
Associate coordinator  
Centre for Computer Science and  
Information Technology, Manjeri  
University of Calicut

Certificate ID: HiekzzB2tz

**PRINCIPAL**  
**Nehru College of Engineering and  
Research Centre (Autonomous)**  
Nila Gardens, Pampady  
Thiruvilwamala, Thrissur - 686 010

**Dr. Mendus Jacob**  
M.D & C.E.O - ipsr solutions limited  
Professor & Director, MCA  
Marian College, Kuttikkanam (Autonomous)

# CERTIFICATE OF COMPLETION

This is to certify that

**Rashmi VR**

**Malabar college of engineering and technology**

has participated in the **8 Day National level Online Faculty Development Program**

**on Research Methodology using ChatGPT and AI tools** organised by the

**PG Department of Computer Applications, The Internal Quality Assurance Cell (IQAC) and**

**Lincoln University College Marian Research Centre (LUC MRC) of**

**Marian College Kuttikkanam (Autonomous) in association with**

**The Kerala State Higher Education Council (KSHEC)**

**from 21 September 2023 to 29 September 2023**

and has successfully completed all the tasks, assignments and assessments and secured an A grade.

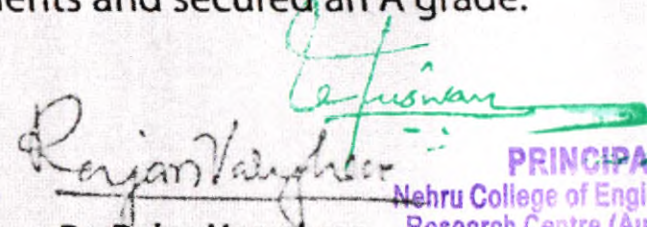


**Dr. Mendus Jacob**  
Professor & Director MCA,  
Marian College, Kuttikkanam (Autonomous)



Certificate ID : XcOXFHvHLZ





**Dr. Rajan Varughese**  
Member Secretary,  
Kerala State Higher Education Council

**PRINCIPAL**  
Nehru College of Engineering and  
Research Centre (Autonomous)  
Nile Gardens, Pampady  
Thiruvilwamala, Thrissur - 689560



NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE

RE-ACCREDITED BY NAAC "A" GRADE  
Pampady, Thiruvilwamala, Thrissur, Kerala. Pin: 680588  
(ISO 9001-2015 Certified)

(Approved by AICTE Affiliated to APJ Abdul Kalam Technological University, Kerala)



FIVE- DAY FACULTY DEVELOPMENT PROGRAM

# IoT Applications in Smart Grid

JANUARY 17-21, 2023



APJ Abdul Kalam Technological University, Kerala  
Organized by

Department of Electrical & Electronics Engineering

## CERTIFICATE

This is to Certify that Dr/Mr/Ms VINOD R  
Assistant Professor, NCERC

has participated in the five day FDP on IoT APPLICATIONS IN SMART GRID Sponsored by APJ Abdul Kalam Technological University and Organized by Department of Electrical and Electronics Engineering, NCERC.



P. Sundaramoorthi  
Prof. P. Sundaramoorthi  
Co-ordinator, NCERC

Sobha Manakkal  
Dr. Sobha Manakkal  
HoD-EEE, NCERC

Ambika Devi Amma  
-PRINCIPAL  
Nehru College of Engineering and  
Research Centre (Autonomous)  
Nila Gardens, Pampady  
Thiruvilwamala, Thrissur - 680588  
Dr. Ambika Devi Amma  
Principal, NCERC





Mahaguru Institute of Technology  
Pallickal PO, Mavelikkara, Alappuzha, 690503  
Affiliated to the APJ Abdul Kalam Technological University, Thiruvananthapuram  
Approved by AICTE, New Delhi and Accredited by NAAC with B+ Grade

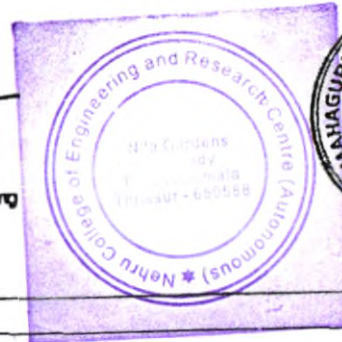


Msigma Pvt Ltd.  
Pongamundu, P.O, Sreekrishnam,  
Thiruvananthapuram, 695011

# Certificate of Participation

*This is to certify that Mr. Vinod R of Nehru College of Engineering and Research  
Centre has participated in the 5 Day Faculty Development Program on Python  
Programming organized by Department of ECE, Mahaguru Institute of Technology,  
Mavelikkara, Alappuzha in association with Msigma Pvt Ltd from 17.01.2024 to  
23.01.2024.*

HOD/Staff In Charge  
Dept. of Electronics & Communication Engineering  
Mahaguru Institute of Technology  
Kattachira, Pallickal P.O.  
Pin - 690503, Kayamkulam



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Nehru College of Engineering and  
Research Centre (Autonomous)  
Nila Gardens, Pampady  
Thiruvilwamala, Thrissur - 686011  
Principal  
Mahaguru Institute of Technology  
Kattachira, Pallickal P.O. - 690503  
Kayamkulam

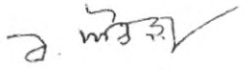


## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

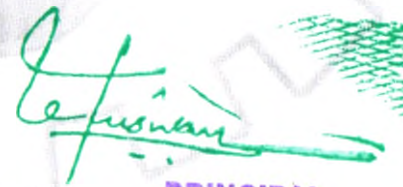
### *Certificate of Participation*

This is to certify that Mr. Vinod R from Nehru College of Engineering and Research Centre, Thrissur has participated and successfully completed the 3-day Face-to-Face FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) at Nehru College of Engineering and Research Centre, Thrissur from 23rd June to 25th June 2023.


  
Dr. Rajneesh Arora  
Chairman

National Coordination Committee for Induction Program





**PRINCIPAL**  
Nehru College of Engineering and  
Research Centre (Autonomous)  
Nila Gardens, Pampady  
Thiruvilwamala, Thrissur - 686500

  
Prof. Rajive Kumar  
Member Secretary, AICTE



## NEHRU COLLEGE OF ENGINEERING & RESERACH CENTRE

Pampady, Thiruvilwamala, Thrissur, Kerala. PIN: 680588  
(Accredited by NAAC with 'A' Grade | ISO 9001-2015 Certified) | (Approved by AICTE,  
Affiliated to APJ Abdul Kalam Technological University, Kerala)

Department of Mechatronics Engineering  
(Accredited by NBA)



# CERTIFICATE OF PARTICIPATION

This certificate is awarded to

## Mr. Vinod R

of Nehru College of Engineering and Research Centre for attending  
APJ Abdul Kalam Technological University sponsored Five Days  
Faculty Development Programme (FDP) on "Recent Trends of AI in  
Biomedical Engineering", organized by Department of Mechatronics  
Engineering during the period 30.01.2023 to 03.02.2023 at Nehru  
College of Engineering and Research Centre (NCERC).

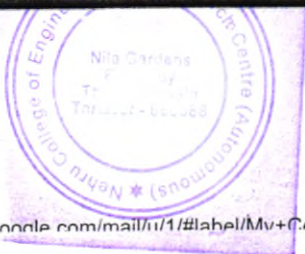
Ms. Neethu M  
FDP Coordinator &  
Assistant Professor  
Dept. of Mechatronics, NCERC

Dr. Bobby N D  
Head of the Department,  
Dept. of Mechatronics, NCERC

Dr. Ambika Devi Amma T  
Principal, NCERC



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Thiruvilwamala, Thrissur - 680588




APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

CERTIFICATE OF PARTICIPATION

This is to certify that Prof. B SHAJI of NEHPU COLLEGE OF ENGINEERING & RESEARCH CENTRE has successfully completed the Faculty Development Programme (FDP) on Counselling and Academic Mentoring organized by the Human Resource Development Centre (HRDC) of the University from 20.05.2024 to 24.05.2024.

  
Dr. BEJOY ABRAHAM  
JOINT DIRECTOR (ACADEMICS)



  
Dr. VINU THOMAS  
DEAN (ACADEMICS)

  
**PRINCIPAL**  
Nehru College of Engineering and  
Research Centre (Autonomous)  
Nila Gardens, Pampady  
Thiruvilwamala, Thrissur - 686598



**JAWAHARLAL COLLEGE  
OF ENGINEERING AND TECHNOLOGY**

JAWAHAR GARDENS, LAKKIDI, MANGALAM, PALAKKAD 679 301



Certificate No: 242804202308

# CERTIFICATE

## OF PARTICIPATION

This Certificate is Presented to

*Ms. Neethu M*

of Nehru College of Engineering and Research Centre , for the active participation in Five days Faculty Development Programme(FDP) on "**Advanced DSP Architectures & Embedded Systems**" during the period 24-04-2023 to 28-04-2023 organized by the Department of Electronics & Communication Engineering, Jawaharlal College of Engineering & Technology, Lakkidi, Palakkad



Dr. K Umesha  
Convenor



**PRINCIPAL**

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Research Centre (Autonomous)  
Nila Gardens, Pampady  
Thiruvilwamala, Thrissur - 686 011  
Principal, JCET



**Mahaguru Institute of Technology**  
Pallickal PO, Mavelikkara, Alappuzha, 690503  
Affiliated to the APJ Abdul Kalam Technological University, Thiruvananthapuram  
Approved by AICTE, New Delhi and Accredited by NAAC with B+ Grade



**Msigma Pvt Ltd.**  
Pongumoodu, P.O, Sreekariyam,  
Thiruvananthapuram, 695011

# Certificate of Participation

*This is to certify that Mr. Midhunraj P K of Nehru College of Engineering and Research Centre has participated in the 5 Day Faculty Development Program on Python Programming organized by Department of ECE, Mahaguru Institute of Technology, Mavelikkara, Alappuzha in association with Msigma Pvt Ltd from 17.01.2024 to 23.01.2024.*

HOD/Staff in Charge  
Dept. of Electronics & Communication Engineering  
Mahaguru Institute of Technology  
Kattachira, Pallickal P.O.  
Pin - 690503, Kayamkulam



**PRINCIPAL**  
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Research Centre (Autonomous)  
Nila Gardens, Pampady  
Thiruvilwamala, Thrissur - 686560  
**Principal**  
Mahaguru Institute of Technology  
Kattachira, Pallickal P.O. - 690503  
Kayamkulam

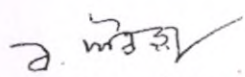


## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

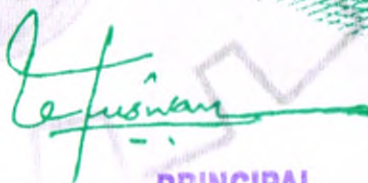
### *Certificate of Participation*

This is to certify that Mr. Midhun Raj P K from Nehru College of Engineering and Research Centre, Thrissur has participated and successfully completed the 3-day Face-to-Face FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) at Nehru College of Engineering and Research Centre, Thrissur from 23rd June to 25th June 2023.

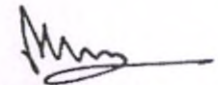
  
Dr. Rajneesh Arora  
Chairman

National Coordination Committee for Induction Program





PRINCIPAL  
Nehru College of Engineering and  
Research Centre (Autonomous)  
Nila Gardens, Pampady  
Thiruvilwamala, Thrissur - 680588

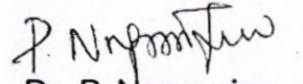
  
Prof. Rajive Kumar  
Member Secretary, AICTE

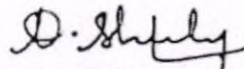


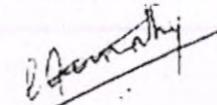
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

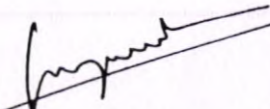
**CERTIFICATE OF PARTICIPATION**

This is to certify that Ms. MANJUSHA P of NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE has participated in the **"SIX DAY ONLINE FDP ON HIGH PERFORMANCE VLSI ARCHITECTURES FOR MULTIDISCIPLINARY APPLICATIONS"** held from 31-07-2023 to 05-08-2023, organized by the Department of Electronics and Communication Engineering, SRM Institute of Science and Technology, Vadapalani.

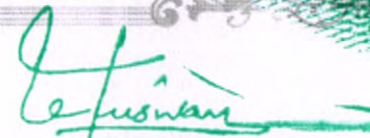
  
Dr. P. Nagarajan  
Faculty Coordinator

  
Dr. A. Shirley Edward  
HOD / ECE

  
Dr. C. Gomathy  
VP (Academics & Placements)

  
Dr. C. V. Jayakumar  
Dean (FET)



  
**PRINCIPAL**  
Nehru College of Engineering and  
Research Centre (Autonomous)  
Nila Gardens, Pampady  
Thiruvilwamala, Thrissur - 686588



# APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

## CERTIFICATE OF PARTICIPATION

This is to certify that Mr. Anshad V, Nehru College of Engineering & Research Centre has successfully completed the Faculty Development Programme (FDP) on Counselling and Academic Mentoring organized by the Human Resource Development Centre (HRDC) of the University from 01.07.2024 to 05.07.2024 at Government Engineering College Bartonhill, Trivandrum

Dr. BEJOY ABRAHAM  
JOINT DIRECTOR (ACADEMICS)



PRINCIPAL  
Nehru College of Engineering and  
Research Centre (Autonomous)  
Nila Gardens, Pampady  
Thiruvilwamala, Thrissur - 680558  
Dr. VINU THOMAS  
DEAN (ACADEMICS)



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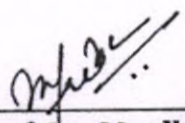
## **NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE**

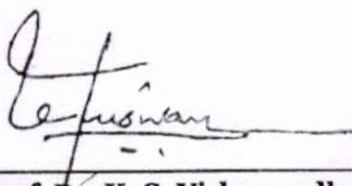
(AN AUTONOMOUS INSTITUTION)  
Pampady, Thiruvilwamala, Thrissur Dt., Kerala - 680588  
NBA Accredited Programmes - B.Tech CSE, B.Tech MTN | NAAC Re-accredited with 'A' Grade  
Recognized by UGC under Section(21) of the UGC Act, 1956 | ISO 9001:2015 Certified  
Approved by AICTE | Affiliated to APJ Abdul Kalam Technological University

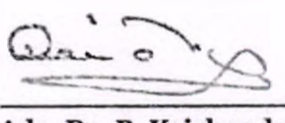
# **CERTIFICATE OF PARTICIPATION**

This certificate is presented to

**Dr. / Mr. / Ms.** Anshad. V  
of Mechatronics Engineering Department  
for having participated **PRABHODITA 2024** - Faculty Development  
Programme on **TEACHER EFFECTIVENESS IN MODERN  
EDUCATION** from 18.11.2024 to 20.11.2024.

  
**Prof. Dr. Mredhula L.**  
Director, IQAC  
Professor & Head,  
Dept. of ECE, NCERC

  
**Prof. Dr. K. G. Vishwanadhan**  
Principal  
NCERC

  
**Adv. Dr. P. Krishnadas**  
Chairman & Managing Trustee  
Nehru Group of Institutions



**Nehru Corporate Placements  
and Industry Relations**  
An Initiative of NGI

Date of Issue: 20.11.2024

  
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Nehru College of Engineering and  
Research Centre (Autonomous)  
Nila Gardens, Pampady  
Thiruvilwamala, Thrissur - 680588



NEHRU COLLEGE OF ENGINEERING & RESEARCH CENTRE  
( AN AUTONOMOUS INSTITUTION )

PAMBADY, THIRUVILL WAMALA, THRISSUR DT KERALA, 680 588

NBA ACCREDITED PROGRAMMES B.TECH CSE, B.TECH MTR NAAC RE-ACCREDITED WITH A GRADE  
ISO 9001:2015 CERTIFIED APPROVED BY AICTE AFFILIATED TO APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

[www.ncerc.ac.in](http://www.ncerc.ac.in)



# Certificate of Appreciation

This is to Certify that Mr. / ~~Mrs.~~ ..... REJUMON. R (Asst. professor) ..... Of  
..... Department of Mechatronics ....., had Successfully Organised the  
**7 - Days Workshop on IoT & AI Conducted by Department of Mechatronics Engineering,**  
**NCERC , Pambady , Kerala From 18 March 2024 To 24 March 2024 .**

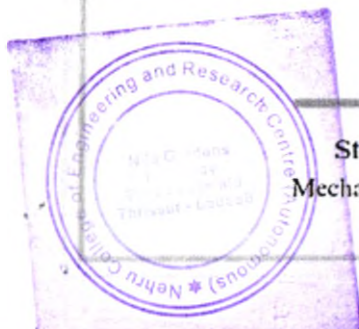
Staff Coordinator  
Mechatronics Engineering

Head of Department  
Mechatronics Engineering

Principal  
NCERC

PRINCIPAL

Nehru College of Engineering and  
Research Centre (Autonomous)  
Nile Gardens, Pambady  
Thiruvilwamala, Thrissur - 680588



MLRIT



# CERTIFICATE

## OF PARTICIPATION

The following award is given to

**B Shaji**

Associate professor, Nehru college of engineering and research centre

Who has participated in the One Week Faculty Development Programme on  
"Deep Learning and IOT Driven Smart Applications" organized by  
Department of Computer Science and Engineering, MLRIT  
from 24th - 29th June, 2024.

Dr. Ajmeera Kiran  
Co-Ordinator

Dr. Allam Balaram  
Convenor & HoD CSE

Dr. K. Srinivas Rao  
Principal, MLRIT

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[ An Autonomous Institute ]



Poojya Kakaji



# Certificate OF PARTICIPATION



This is to certify that Mr. / Ms. / Dr.

**B SHAJI**

has successfully completed National Level One Week Online Faculty Development  
Program on "Exploring Generative AI, Deep Learning, and Data Science Tools: A Hands-On FDP"  
Organized by AI&DS dept.in association with  
Computer Society of India & Institute of Engineers  
at SNJB KBJ College of Engineering, Chandwad

DATE : 13 to 18 May, 2024 [ 1 Week / 6 Days ]

FDP CO-ORDINATOR  
Mr. Prashant B. Koli

CONVENER  
Dr. R. R. Bhandari

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Dr. M. R. Sanghavi

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**BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING  
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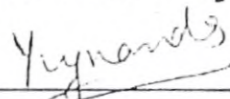
(APPROVED BY AICTE, AFFILIATED TO GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY)

**Certificate of Participation**

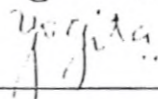
Presented to

**Dr. Shaji B**

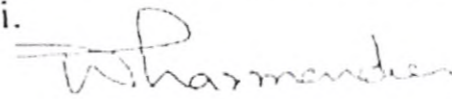
This is to certify that he/she from **Nehru College of Engineering and Research Centre, Kerala** has successfully participated in the Faculty Development Program (Hybrid Mode) on **"Navigating the Landscape of IPR"** from 19th-21st September 2024, organized by Research & Development Cell and Intellectual Property Right Cell, Bharati Vidyapeeth's College of Engineering, New Delhi.



**Dr. Yugnanda**  
Dean (R&D)



**Dr. Yogita Arora**  
IPR- Incharge

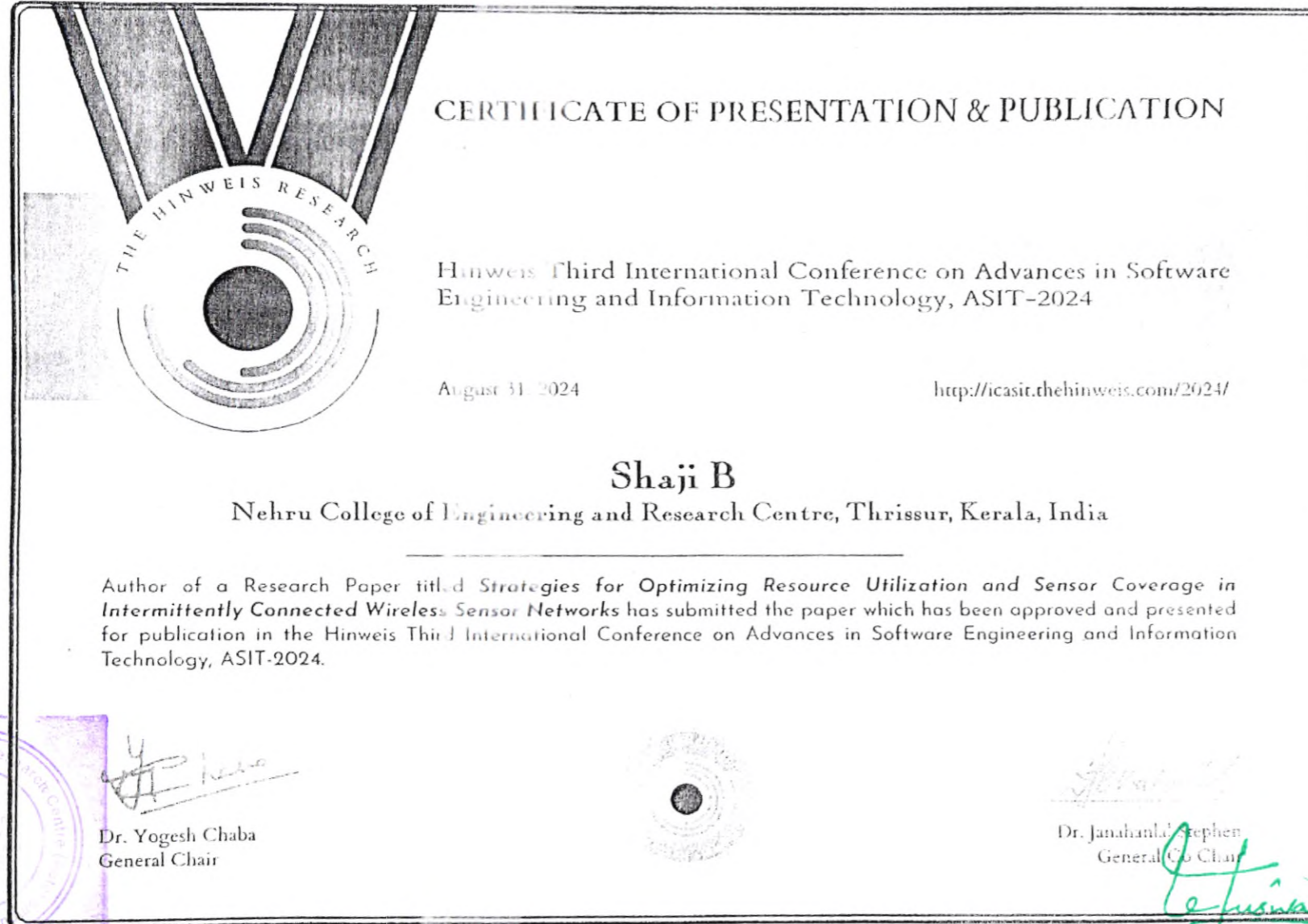


**Prof. Dharmender Saini**  
Principal, BVCOE

BVCOE/ND/IPR/R&D/FDP/07/2024-25



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## CERTIFICATE OF PRESENTATION & PUBLICATION

Hinweis Third International Conference on Advances in Software Engineering and Information Technology, ASIT-2024

August 31, 2024

<http://icasit.thehinweis.com/2024/>

**Shaji B**

Nehru College of Engineering and Research Centre, Thrissur, Kerala, India

Author of a Research Paper titled *Strategies for Optimizing Resource Utilization and Sensor Coverage in Intermittently Connected Wireless Sensor Networks* has submitted the paper which has been approved and presented for publication in the Hinweis Third International Conference on Advances in Software Engineering and Information Technology, ASIT-2024.

Dr. Yogesh Chaba  
General Chair

Dr. Janahand Stephen  
General Co Chair

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Mr Shaji B, Assoc. Professor, Dept of CSE

has participated in the **One Day FDP on Writer's Workshop** held on 30th April 2024  
at Nehru College of Engineering and Research Centre, Pampady, Organized by  
Department of Electronics and Communication Engineering and Mechatronics  
Engineering.

Ms. Kiran M  
Asst. Professor,

Dept. of ECE, Coordinator

Ms. Neethu M  
Asst. Professor,

Dept. of MTR, Coordinator

Dr. Mredhula L  
HOD & Professor  
Dept. of ECE

Prof. Dr. Karibasappa  
Kwadiki, Principa  
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The editorial board of Scientific International Publishing House (SIPH) is hereby awarding  
this certificate to **Mr.B.Shaji**, in recognition of the publication of the text book entitled  
“**Database Management system**” published in first edition.



ISBN NO:978-93-6132-326-3  
Year of Allotment of ISBN: 2024



[www.sipinternationalpublishers.com](http://www.sipinternationalpublishers.com)

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COLLEGE OF ENGINEERING

# CERTIFICATE OF PARTICIPATION

This is to certify that

**Dr Shaji B**

has participated in the Six-day Short Term Training Programme (STTP) on  
**INTRODUCTION TO DATA SCIENCE AND MACHINE LEARNING**

organized by

Department of Internet of Things & Cyber Security (CSOT)

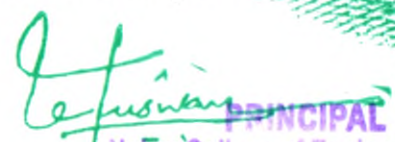
In association with

Department of Computer Science & Engineering, Department of Artificial Intelligence & Providence FOSS CELL

on 09<sup>th</sup> to 14<sup>th</sup> of September 2024



  
Dr. Pramod Mathew Jacob  
Head of the Department

  
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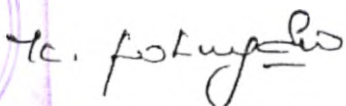
# Certificate of Participation

This is to certify that Dr. / Mr. / Ms. SHAJI B

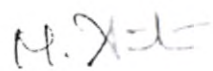
from NEHRU COLLEGE OF ENGINEERING & RESEARCH CENTRE attended a One Week International

Faculty Development Programme(FDP) On "Recent Technological Trends" organized by the Department of

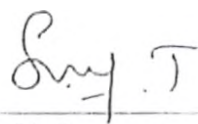
Information Technology, Easwari Engineering College, Chennai held from 01.04.2024 to 06.04.2024.



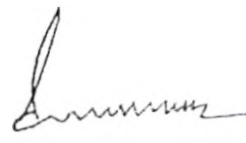
Dr. K. Johnny Elma  
Coordinator



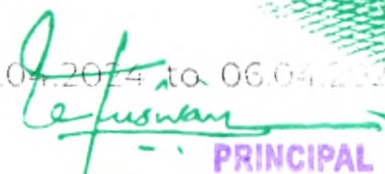
Ms. Anita. M  
Coordinator



Ms. T. Saraswathi  
Coordinator



Dr. N. Ananthi  
Convener



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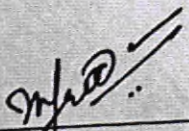
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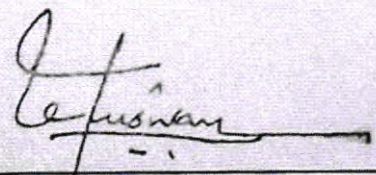
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# **CERTIFICATE OF PARTICIPATION**

This certificate is presented to

**Dr. / Mr. / Ms.** Baisel Paul  
of Mechanical Engineering Department  
for having participated **PRABHODITA 2024** - Faculty Development  
Programme on **TEACHER EFFECTIVENESS IN MODERN  
EDUCATION** from 18.11.2024 to 20.11.2024.

  
**Prof. Dr. Mredhula L**  
Director, IQAC  
Professor & Head,  
Dept. of ECE, NCERC

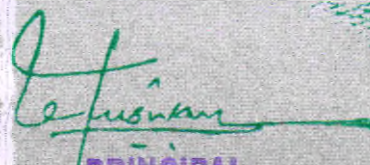
  
**Prof. Dr. K. G. Vishwanadhan**  
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NCERC

  
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Chairman & Managing Trustee  
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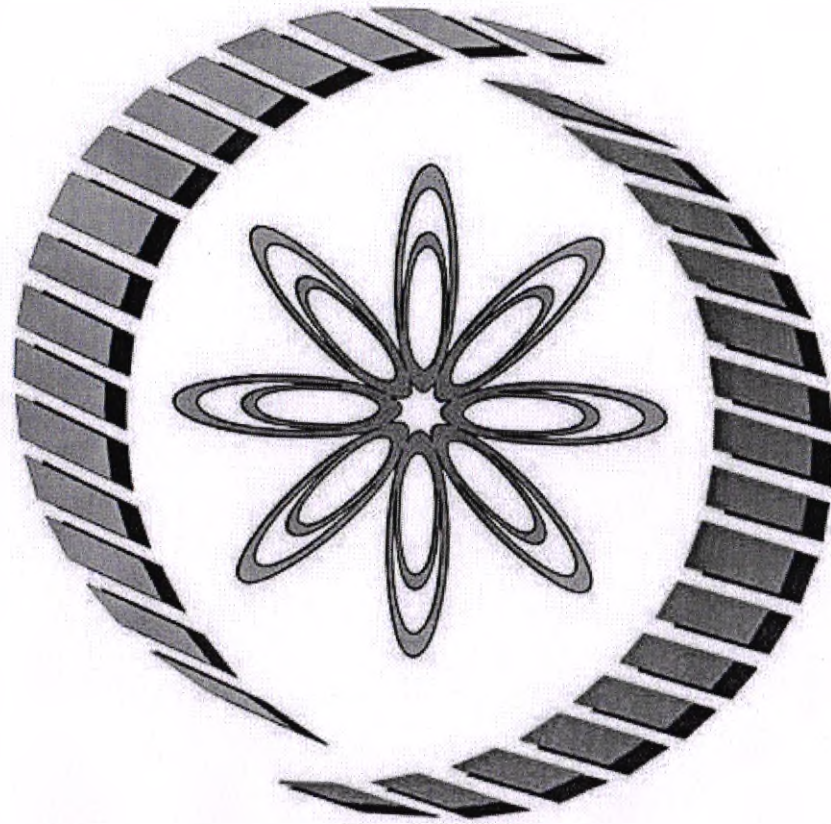


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# LEARNING COMPUTATIONAL FLUID DYNAMICS WITH ANSYS FLUENT



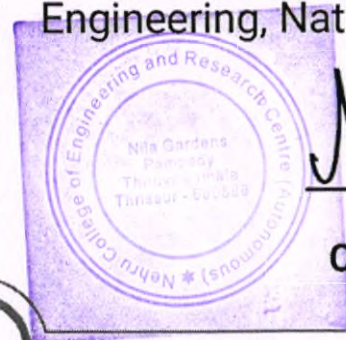
23-27 September 2024

## CERTIFICATE OF PARTICIPATION

This is to certify that

*Mr. Rakesh P R*

Assistant Professor, Mechanical Engineering, Nehru College of Engineering and Research centre had participated in virtual/online mode in the five-day skill development course titled "**Learning Computational Fluid Dynamics with Ansys Fluent**" organized by Thermal Systems Laboratory, Department of Mechanical Engineering, National Institute of Technology Rourkela (Odisha) India from 23-27 September 2024.



Principal  
Co-ordinator

Head  
Mechanical Engineering

Dean  
SRICCE

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AICTE Training and Learning (ATAL) Academy

### Certificate

It is certified that **Dr. Appadurai M, Faculty members of the AICTE approved institutions of Nehru College of Engineering and Research Centre** has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on **AI and ML Empowerment – Shaping the Future of Mechanical Engineering** at **SCMS SCHOOL OF ENGINEERING & TECHNOLOGY** from 15/01/2024 to 20/01/2024.



Vidya Chandran  
Associate Professor, Coordinator  
**SCMS SCHOOL OF ENGINEERING & TECHNOLOGY**

Dr. Ramesh Unnikrishnan  
Adviser-II & Bureau Head  
Training and Learning Bureau, AICTE

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Certificate No: 2023-SSPDP-10/29

# National Institute of Technical Teachers Training and Research, Chennai

(Ministry of Education, Government of India)

## Certificate of Participation



This is to certify that

**M. APPADURAI**

Associate Professor, Department of Mechanical Engineering  
Nehru College of Engineering and Research Centre, Thrissur, Kerala

Participated in the Professional Development Programme on

**“Resilient Pedagogy”**

Conducted by this Institute

from 24.07.2023 to 26.07.2023

at Jawaharlal College of Engineering and Technology, Palakad, Kerala

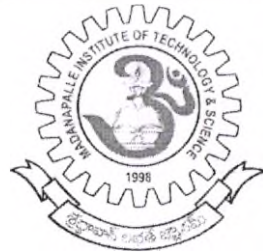


26.07.2023

**Course Coordinator**

*[Signature]*  
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*[Signature]*  
**Director**



CERT NO: MITS/ME/2024/INTLFDP/459

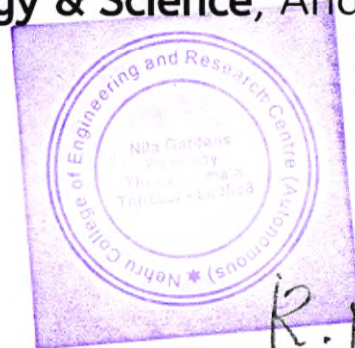
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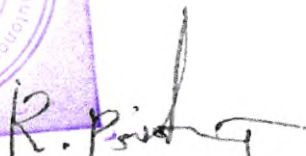
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## CERTIFICATE OF PARTICIPATION

This is to certify that **Dr. Appadurai M** from **Nehru College of Engineering and Research Centre** has actively participated in the 5 Day International Virtual FDP on **Global Conversations in Mechanical Engineering: Bridging Innovation and Sustainability** from 19<sup>th</sup> to 23<sup>rd</sup> February 2024, organized by the **Department of Mechanical Engineering, Madanapalle Institute of Technology & Science, Andhra Pradesh, India.**



  
**Dr. Anantha Raman L.**  
Coordinator  
Asst. Professor, ME, MITS

  
**Dr. Prithivirajan R.**  
Convener  
Asoc. Professor, ME, MITS

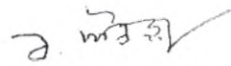
  
  
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**Thiruvananthapuram, Thrissur - 686006**  
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HoD - ME  
MITS  
**Dr. C. Yuvaraj**  
Principal  
MITS





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## *Certificate of Participation*

This is to certify that Dr. M. Appadurai from Nehru College of Engineering and Research Centre, Thrissur has participated and successfully completed the 3-day Face-to-Face FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) at Nehru College of Engineering and Research Centre, Thrissur from 23rd June to 25th June 2023.

  
Dr. Rajneesh Arora  
Chairman

National Coordination Committee for Induction Program  


  
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Thiruvithwamala, Thrissur - 686569

  
Prof. Rajive Kumar  
Member Secretary, AICTE



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# CERTIFICATE

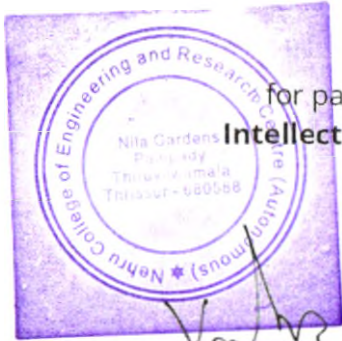
OF PARTICIPATION

presented to

*Dr. Shiny CM*

**Sri Venkateswara college of computer applications and management**

for participating in the 5 day Faculty Development Programme on "Research Methodology, AI Tools in Research and Intellectual Property Rights" organized by Bharathians Alumni Trust, Coimbatore, Tamil Nadu and Sri Venkateswara College of Computer Applications and Management, Coimbatore, Tamil Nadu during 22-26, January, 2024.



**Commander K. Velu**  
Chairman, SVCCAM

*Dr. J. Sangeetha*  
**Dr. J. Sangeetha**  
Convener, FDP

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*Mr. M. Gnanasekar*  
**Mr. M. Gnanasekar**  
Organizing Secretary, FDP

*Mr. Kanagaraj Ramasamy*  
**Mr. Kanagaraj Ramasamy**  
Managing Trustee, BAT



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Approved by AICTE - New Delhi,  
ISO 21001:2018 Certified

## CERTIFICATE



This is to certify that  
Dr./Prof./Mr./Ms. B Shaji  
has presented paper entitled

**An Innovative Approach to Detecting Fraud in E-Commerce Applications  
based on Anomaly Intrusion Detection Systems Using ALO-ELM  
Approach**

in 2024 Asian Conference on Intelligent Technologies (ACOIT) organized by  
Dr. T. Thimmaiah Institute of Technology, Kolar from 6<sup>th</sup> September 2024 to  
7<sup>th</sup> September 2024.



Dr Syed Ariff  
General Chair, ACOIT 2024

Dr Vijaya Geetha R  
Convener, ACOIT 2024

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# DATABASE MANAGEMENT SYSTEM



**Dr. Vijaya Sagvekar Bijoer**  
**Prof. Arti Mahavir Devmane**  
**Mr. B. Shaji**  
**Prof. Radhika E K**

*[Signature]*  
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 Thiruvilwamala, Thrissur - 680501

## Authors' Profile



**Dr. Vijaya Sagvekar Bijoer** is a Ph.D. holder in Computer Science and Engineering from Anna University, Chennai. He has been working in the field of database management systems for over 15 years. He has published several research papers in international journals and conferences. He is currently an Assistant Professor in the Department of Computer Science and Engineering at Nehru College of Engineering and Research Centre, Thiruvilwamala, Thrissur.

**Prof. Arti Mahavir Devmane** is a Ph.D. holder in Computer Science and Engineering from Anna University, Chennai. She has been working in the field of database management systems for over 10 years. She has published several research papers in international journals and conferences. She is currently an Assistant Professor in the Department of Computer Science and Engineering at Nehru College of Engineering and Research Centre, Thiruvilwamala, Thrissur.

**Mr. B. Shaji** is a B.Tech. holder in Computer Science and Engineering from Anna University, Chennai. He has been working in the field of database management systems for over 5 years. He has published several research papers in international journals and conferences. He is currently an Assistant Professor in the Department of Computer Science and Engineering at Nehru College of Engineering and Research Centre, Thiruvilwamala, Thrissur.

**Prof. Radhika E K** is a Ph.D. holder in Computer Science and Engineering from Anna University, Chennai. She has been working in the field of database management systems for over 10 years. She has published several research papers in international journals and conferences. She is currently an Assistant Professor in the Department of Computer Science and Engineering at Nehru College of Engineering and Research Centre, Thiruvilwamala, Thrissur.

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## *Certificate of Participation*

This is to certify that Prof. Sivakumar K from Nehru College of Engineering and Research Centre, Pampady Kerala has participated and successfully completed the 5-day Online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 22 May to 26 May 2023.

Dr. Rajneesh Arora  
Chairman

National Coordination Committee for Induction Program

Prof. Rajive Kumar  
Member Secretary, AICTE

  
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FIVE-DAY FACULTY DEVELOPMENT PROGRAM

# IoT Applications in Smart Grid

JANUARY 17-21, 2023



APJ Abdul Kalam Technological University, Kerala

Organized by

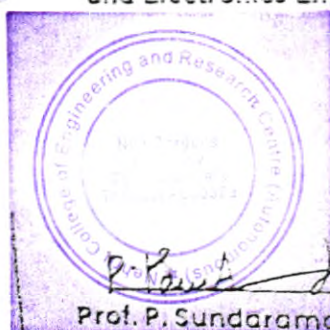
Department of Electrical & Electronics Engineering

## CERTIFICATE

This is to Certify that Dr/Mr/Ms SIVAKUMAR.K

Vice Principal, NCERC

has participated in the five day FDP on IoT APPLICATIONS IN SMART GRID Sponsored  
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and Electronics Engineering, NCERC.



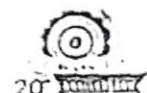
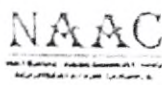
Prof. P. Sundaramoorthi  
Co-ordinator, NCERC

Dr. Sobha Manakkal  
HOD EEE, NCERC

Dr. Ambika Devi Amma T  
Principal, NCERC

Dr. Ambika Devi Amma T  
Principal, NCERC

Dr. Ambika Devi Amma T  
Principal, NCERC





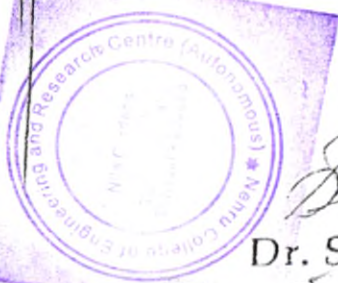
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DEVELOPMENT CENTRE

## *Certificate of Participation*

This is to certify that Ms. Radhika K Manjusha of Nehru college of Engineering and Research Centre has participated in the Five Day Faculty Development Program on "Artificial Intelligence" organized by the Department of Computer Science and Engineering, Lourdes Matha College of Science and Technology in association with IEDC held from 26th August to 31st August 2022.



  
Dr. Smitha J C  
Coordinator

Associate Professor, CSE

Prof. Priya Sekhar S  
Convenor

HOD, Department of CSE

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Chiruvilwamala, Thrissur - 680508

Dr. Beshiba Wilson  
Principal  
LMCST



**MANGALAM**  
COLLEGE OF ENGINEERING

### CERTIFICATE OF PARTICIPATION

This is to certify that Dr. Mr./Ms. PRAVEENA. K. Asst. Prof.  
Nehru College of Engineering and Research Centre  
participated and successfully completed 5 Days online Faculty Development  
Programme on "Cyber Security and Forensics" organized by the Department of  
Computer Science & Engineering, Mangalam College of Engineering, Ettimanoor,  
Kottayam from 22.01.2024 to 26.01.2024.

Dr. S. P. Predeep Kumar  
HOD

Dr. S. P. Predeep Kumar  
HOD

Dr. S. P. Predeep Kumar  
HOD



*Leifunam*  
**PRINCIPAL**

Nehru College of Engineering and  
Research Centre (Autonomous)  
Nila Gardens, Pampady  
Thiruvilwamala, Thrissur - 680508





# MAHAGURU INSTITUTE OF TECHNOLOGY

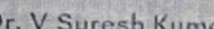
Affiliated to the APJ Abdul Kalam Technological University (KTU), Thiruvananthapuram  
Approved by AICTE - New Delhi and Accredited by NBA & NAAC with 3+ Grade

## CERTIFICATE

This is to certify that Dr./Prof./Mr./Ms. PRAVEENA K of NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE has actively participated in the 5 Days Online Faculty Development Programme on RECENT ADVANCES IN COMPUTING organized by Department of Computer Science & Engineering, Mahaguru Institute of Technology in association with Coding Club & Enxcl Business Solutions Pvt Ltd. from 29th January - 2nd February, 2024.

  
Preeti Mariam Mathews  
FDP Coordinator

  
Suma S G  
HOD, Dept. of CSE

  
Dr. V Suresh Kumar  
Principal, MIT

02-02-2024

enxcl

CODING CLUB

enxcl



  
PRINCIPAL  
Nehru College of Engineering and  
Research Centre (Autonomous)  
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Thiruvilwamala, Thrissur - 680522

VIDYA ACADEMY OF SCIENCE & TECHNOLOGY



Department of Artificial Intelligence & Machine Learning

Certificate of participation

**Ms. Praveena K**

This certificate is in recognition of your active participation in the 1<sup>st</sup> International Conference on  
Computational Intelligence, Theoretical Foundations and Research Applications in  
Machine Learning and Deep Learning, held from 1<sup>st</sup> to 3<sup>rd</sup> November 2023, at the  
Department of Artificial Intelligence and Machine Learning, Vidya Academy of Science and Technology.

**MS. MANJUSHA P D**

Associate Professor,  
Dept. of AIML

**DR. SUNITHA C**

Vice Principal,  
Professor and Head  
Dept. of AIML

**DR. SAJI C B**

Principal, VASST



**PRINCIPAL**

Nehru College of Engineering and  
Research Centre (Autonomous)  
Nila Gardone, Pampady  
Thiruvananthapuram, Thiruvananthapuram - 695008



**BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING  
NEW DELHI**

APPROVED BY AICTE, AFFILIATED TO GURU GOBIND WHEELER INSTITUTE OF TECHNOLOGY, DELHI

**Certificate of Participation**

**Dr. Shaji B**

This is to certify that he/she from Nehru College of Engineering and Research Centre, Kerala, has successfully participated in the Faculty Development Program and Module on "Navigating the Landscape of IPR" from 19th-21st September 2024, organized by Research & Development Cell and Intellectual Property Right, Bharati Vidyapeeth's College of Engineering, New Delhi.

*[Signature]*

Dr. Yogendra

*[Signature]*

Dr. Yogita Arora  
HOD, Exchange

*[Signature]*

Prof. Dharmender Samra  
Principal

*[Signature]*

**PRINCIPAL**

Nehru College of Engineering and  
Research Centre (Autonomous)  
Nila Gardens, Pampady  
Thiruvilwamala, Thrissur - 686010

BVCE/2024/PR/REG/10/07/2024





STATE'S  
 STATE'S  
 STATE'S



# Certificate OF PARTICIPATION

DATE OF PARTICIPATION: 10/10/2018

NAME

NAME OF THE PARTICIPANT: *[Faint text]*

NAME OF THE ORGANIZATION: *[Faint text]*

NAME OF THE EVENT: *[Faint text]*

NAME OF THE VENUE: *[Faint text]*

NAME OF THE DATE: *[Faint text]*

NAME OF THE TIME: *[Faint text]*

NAME OF THE PLACE: *[Faint text]*

NAME OF THE CITY: *[Faint text]*

NAME OF THE STATE: *[Faint text]*

NAME OF THE COUNTRY: *[Faint text]*

NAME OF THE ORGANIZATION: *[Faint text]*

NAME OF THE EVENT: *[Faint text]*

NAME OF THE VENUE: *[Faint text]*

NAME OF THE DATE: *[Faint text]*

NAME OF THE TIME: *[Faint text]*

NAME OF THE PLACE: *[Faint text]*

NAME OF THE CITY: *[Faint text]*

NAME OF THE STATE: *[Faint text]*

NAME OF THE COUNTRY: *[Faint text]*

NAME OF THE ORGANIZATION: *[Faint text]*

NAME OF THE EVENT: *[Faint text]*

NAME OF THE VENUE: *[Faint text]*

NAME OF THE DATE: *[Faint text]*

NAME OF THE TIME: *[Faint text]*

NAME OF THE PLACE: *[Faint text]*

*[Signature]*

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 Thiruvilwamala, Thrissur - 680558



# NEHRU COLLEGE OF ENGINEERING & RESEARCH CENTRE

(AN AUTONOMOUS INSTITUTION AFFILIATED TO APJAKTU)

APPROVED BY AICTE | RE-ACCREDITED BY NAAC "A"

NBA ACCREDITED | ISO 9001 CERTIFIED INSTITUTION



## CERTIFICATE OF PARTICIPATION

This is to certify that

Mr Shaji B, Assoc. Professor, Dept of CSE

has participated in the One Day FDP on Writers Workshop held on 30th April 2024  
at Nehru College of Engineering and Research Centre, Pampady, Organized by  
Department of Electronics and Communication Engineering and Mechatronics  
Engineering

Mr. Vinita M

Asst. Professor,

Dept of ECE, Coordinator Dept of ECE

Ms. Heethu M

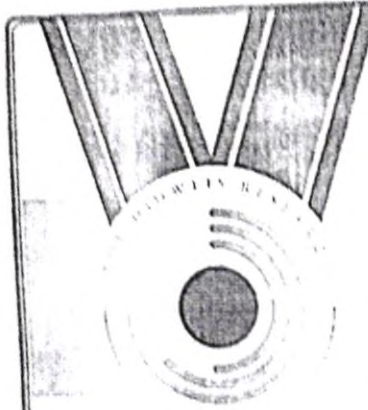
Asst. Professor,

Dr. Mredhula L  
HOD & Professor  
Dept of ECE

Prof. Dr. Karibasappa  
Kwacha, Principal  
NCERC

*[Signature]*  
PRINCIPAL  
Nehru College of Engineering and  
Research Centre (Autonomous)  
Nila Gardens, Pampady  
Thiruvilwamala, Thrissur - 686006





# CERTIFICATE OF PRESENTATION & PUBLICATION

Huawei Third International Conference on Advances in Software Engineering and Information Technology, ASIT-2024

August 31, 2024

<http://icaseit.huaweicloud.com/2024/>

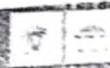
**Shaji B**

Nehru College of Engineering and Research Centre, Thrissur, Kerala, India

Author of a Research Paper titled *Strategies for Optimizing Resource Utilization and Sensor Coverage in Intermittently Connected Wireless Sensor Networks* has submitted the paper which has been approved and presented for publication in the Huawei Third International Conference on Advances in Software Engineering and Information Technology, ASIT 2024.



*[Signature]*  
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Research Centre (Autonomous)  
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Thiruvilwamala, Thrissur - 686003



PROVIDENCE  
COLLEGE OF ENGINEERING

# CERTIFICATE OF PARTICIPATION

This is to certify that

**Dr Shaji B**

has participated in the Six-day Short Term Training Programme (STTP) on  
**INTRODUCTION TO DATA SCIENCE AND MACHINE LEARNING**

organized by

Department of Internet of Things & Cyber Security (CSOT)

In association with

Department of Computer Science & Engineering, Department of Artificial Intelligence & Providence FOSS CEL

on 09<sup>th</sup> to 14<sup>th</sup> of September 2024



Dr. Pramod Mathew Jacob  
Head of the Department

Dr. Santhosh Simon  
Principal

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Thiruvilwamala, Thrissur

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GSTIN: 33AKIPR5169F1ZY  
UDYAM-TN-25-000518



The editorial board of Scientific International Publishing House (SIPH) is hereby awarding  
this certificate to Mr. B. Shaji, in recognition of the publication of the text book entitled  
"Database Management system" published in first edition.

ISBN 978-93-6132-326-3  
Year of Allotment of ISBN: 2024



[www.scientificinternationalpublishers.com](http://www.scientificinternationalpublishers.com)



*B. Shaji*  
Editor-in-Chief

*B. Shaji*  
**PRINCIPAL**  
Nehru College of Engineering and  
Research Centre (Autonomous)  
Nila Gardens, Pampady  
Thiruvilwamala, Thrissur - 680508



DR. T. THIRUMALAI DEVI  
Associated by IBA & IBAF with 'A' Grade  
Computer Education Field - Bangalore - 560071  
Affiliated to Technological University, Bangalore  
Approved by IBA - Bangalore  
1971/1972 - 1973/1974

# CERTIFICATE



This is to certify that  
Dr. T. Thirumalai Devi  
has presented paper entitled  
An Innovative Approach to Detecting Fault in VLSI Systems Applications  
Based on Locally Interacting Systems Using Self-Organizing  
Networks  
in 1974 at the International Conference on VLSI Technology, Bangalore, India  
The International Institute of Technology, Bangalore, India, Bangalore, India  
1974/1975 - 1976/1977



*[Signature]*  
PRINCIPAL  
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Nila Gardens, Pampady  
Thiruvithamala, Thrissur - 686006

Department of International Relations  
*Certificate of Participation*



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# CERTIFICATE OF PARTICIPATION



*This is to certify that*

*Ms. SREEJI KB*

*of NCERC*

*has participated in the NATIONAL SEMINAR on  
Evolution of Education System in Bharath: Nalanda,  
Thakshashila... to the Present Day*

*held during 24<sup>th</sup> & 25<sup>th</sup> June, 2024 at Jawahar Gardens, Lakkidi  
organised by Nehru College of Architecture, NGI, Kerala  
in association with*

*Indian Council of Historical Research, New Delhi*

*Dr. K. Radhakrishnan*  
Convener  
National Seminar

*Ar. Thirumeni Madhavan*  
Principal  
Nehru College of Architecture

*PRINCIPAL*  
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Thiruvilwamala, Thrissur - 680588



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# CERTIFICATE OF PARTICIPATION



This is to certify that

Ms. DIVYA P

of NCERC

has participated in the NATIONAL SEMINAR on  
**Evolution of Education System in Bharath: Nalanda,  
Thakshashila... to the Present Day**

held during 24<sup>th</sup> & 25<sup>th</sup> June, 2024 at Jawahar Gardens, Lakkidi  
organised by Nehru College of Architecture, NGI, Kerala  
in association with

Indian Council of Historical Research, New Delhi

K. Radhakrishnan  
Convener  
National Seminar

Ar. Thirumeni Madhavan  
Principal  
Nehru College of Architecture

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# CERTIFICATE OF PARTICIPATION



This is to certify that

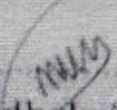
Ms. SUMI M

of NCERC

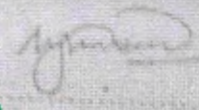
has participated in the NATIONAL SEMINAR on  
**Evolution of Education System in Bharath: Nalanda,  
Thakshashila... to the Present Day**

held during 24<sup>th</sup> & 25<sup>th</sup> June, 2024 at Jawahar Gardens, Lakkidi  
organised by Nehru College of Architecture, NGL, Kerala  
in association with

Indian Council of Historical Research, New Delhi

  
Dr. K. Radhakrishnan  
Convener  
National Seminar

  
**PRINCIPAL**  
Nehru College of Engineering and  
Research Centre (Autonomous)  
Nha Gardens, Pampady  
Thiruvilwamala, Thrissur - 680586

  
Ar. Thirumeni Madhavan  
Principal  
Nehru College of Architecture



## APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

### CERTIFICATE OF PARTICIPATION

This is to certify that Prof. B SHAJI of NEHRU COLLEGE OF ENGINEERING & RESEARCH CENTRE has successfully completed the Faculty Development Programme (FDP) on Counselling and Academic Mentoring organized by the Human Resource Development Centre (HRDC) of the University from 20.05.2024 to 24.05.2024.

B

Dr. Shaji



Dr. BEJOY ABRAHAM

JOINT DIRECTOR (ACADEMICS)



Dr. VINU THOMAS

DEAN (ACADEMICS)

PRINCIPAL

Nehru College of Engineering and  
Research Centre (Autonomous)  
Nila Gardens, Pampady  
Thiruvilwamala, Thrissur - 686509

MLRIT GO DIT

# CERTIFICATE

OF PARTICIPATION

The following award is given to

**B Shaji**

Associate Professor, Nehru College of Engineering and Research Centre

Who has participated in the One Week Faculty Development Programme on  
"Deep Learning and IOT Driven Smart Applications" organized by  
Department of Computer Science and Engineering, MLRIT  
from 24th - 29th June, 2024.

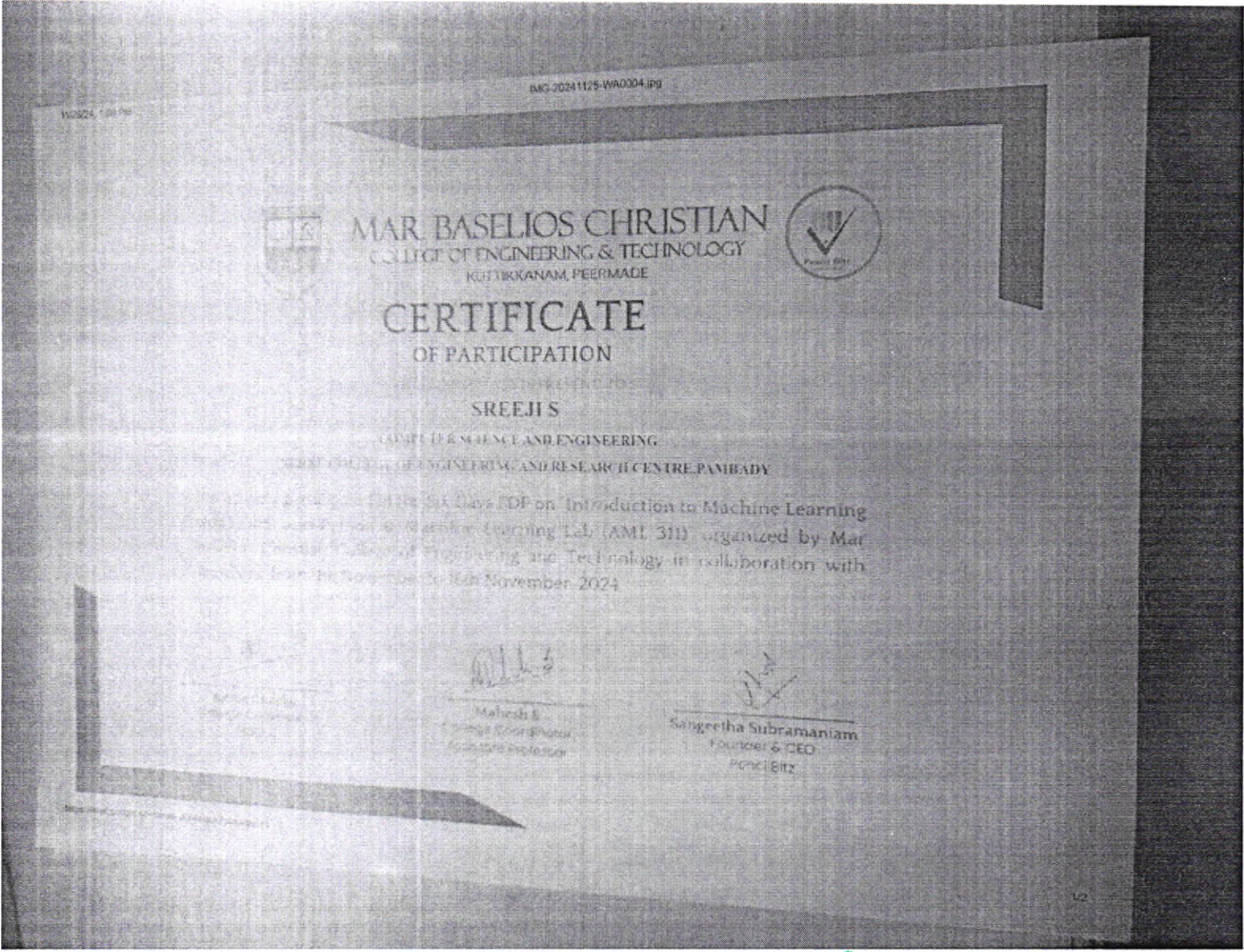


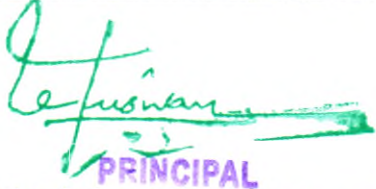
Dr. Ajmeera Kiran  
Co-Ordinator

Dr. Allam Balaram  
Convener & HOD CSE

Dr. K. Srinivas Rao  
Principal, MLRIT

*[Signature]*  
**PRINCIPAL**  
Nehru College of Engineering and  
Research Centre (Autonomous)  
Nila Gardens, Pampady  
Thiruvilwamala, Thrissur - 688008



  
**PRINCIPAL**  
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Research Centre (Autonomous)  
Nila Gardens, Pambady  
Thiruvilwamala, Thrissur - 680508



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION  
NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

## *Certificate of Participation*

This is to certify that Mrs. Sreeji S from Nehru College of Engineering and Research Centre, Thrissur has participated and successfully completed the 5-day Online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE)

From 22 May to 26 May 2023.



Dr. Rajivesh Kumar  
Chairman  
National Coordination Committee for Induction Program

**PRINCIPAL**

Nehru College of Engineering and  
Research Centre (Autonomous)  
Nila Gardens, Pattapady,  
Thiruvithirappala, Thrissur.

Prof. Rajive Kumar  
Member Secretary, AICTE

VISHNU

Shri Vishnu Engineering College for Women :: Bhimavaram  
(Autonomous)

Department of Computer Science & Engineering

Certificate of Participation

This is to certify that Sreeji.S has participated in One Week National Level Online Faculty Development Program on Recent Advances in Data Science, Data Analytics and Cyber Security from 1-5 March 2023 organized by the department of CSE at Shri Vishnu Engineering College for Women (A), Bhimavaram. He/She has cleared the end exam successfully.

Dr. P. Kiran Sree  
HOD-CSE

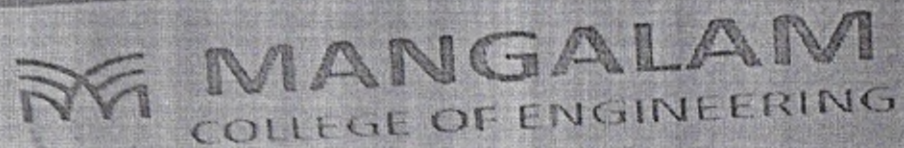
Dr. P. Srinivasa Raju  
Vice-Principal

Dr. G. Srinivasa Rao  
Principal

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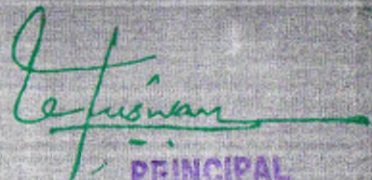
*G. Srinivasa Rao*  
**PRINCIPAL**  
Nehru College of Engineering and  
Research Centre (Autonomous)  
Nila Gardens, Pampady  
Thiruvilwamala, Thrissur - 686508



## CERTIFICATE OF PARTICIPATION

This is to certify that Dr./Mr./Ms. Smitha Jankrishnan, Assistant Prof.  
Nehru College of Engineering and Research Centre  
participated and successfully completed 5 Days online Faculty Development  
Programme on "Cyber Security and Forensics" organized by the Department of  
Computer Science & Engineering, Mangalam College of Engineering, Ettumanoor,  
Kottayam from 22.01.2024 to 26.01.2024.



  
**PRINCIPAL**  
Nehru College of Engineering and  
Research Centre (Autonomous)  
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Thiruvithirappur, Tirunelveli District



**MAHAGURU INSTITUTE OF TECHNOLOGY**  
Affiliated to the APJ Abdul Kalam Technological University (KTU), Thiruvananthapuram  
Approved by AICTE, New Delhi and Accredited by NBA & NAAC with B+ Grade

## CERTIFICATE

This is to certify that Dr./Prof./Mr./Ms. **SMITA UNNIKRISHNAN** of **NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE** has actively participated in the **5 Days Online Faculty Development Programme on RECENT ADVANCES IN COMPUTING** organized by Department of Computer Science & Engineering, Mahaguru Institute of Technology in association with Coding Club & Enxcl Business Solutions Pvt Ltd. from 29th January - 2nd February, 2024.

Smity Unnikrishnan



Prosti Mariam Mathews

Suma S G

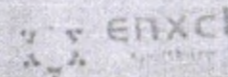
HOD, Dept. of CSE

Dr. V Suresh Kumar

**PRINCIPAL**

**Nehru College of Engineering and Research Centre (Autonomous)**  
Nila Gardens, Pampady  
Thiruvilwamala, Thrissur - 680509

enxcl





SkillDzire

SWAYAM Plus

## FACULTY DEVELOPMENT PROGRAM

This is to Certify that Mr./Ms

**Betsy Joy**

Designation: Assistant Professor

Institution: Nehru College Of Engineering And Research Centre

has Successfully Completed the online FDP on

**Full Stack Java**

Organized By SkillDzire in collaboration with AICTE.

Duration: 1 Month



Certificate No: SDFDP-10045

Valid till: 03-October-2024

*[Signature]*  
**PRINIPAL**  
Nehru College of Engineering and  
Research Centre (Autonomous)  
Nila Gardens, Ponnady  
P. M. Nagar, Thrissur - 686006



Authorized Signature



# NEHRU COLLEGE OF ENGINEERING & RESEARCH CENTRE

NRA GARDEN, THIRUVILWAMALA, THIRUVARUR, KERALA - 689588  
(ACCREDITED BY NAAC WITH A GRADE | APPROVED BY AICTE, AFFILIATED TO  
APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, KERALA)



## CERTIFICATE OF PARTICIPATION



This certificate is presented to

**Ms. Betsy Joy**

of Nehru College of Engineering & Research Centre  
has participated in Five days Faculty Development Programme(FDP) on  
"Innovative Facets of IoT" during the period 01-03-2023 to 07-03-2023  
organized by the Department of Electronics & Communication  
Engineering, Nehru College of Engineering & Research Centre,  
Pampady, Thrissur.

Mr. Rajkumar P  
AP-ECE/Co-Convenor

Ms. Sajitha A S  
HOD-ECE/Convenor

Dr. Karibasappa Kwadiki  
Principal, NCERC



PRINCIPAL  
Nehru College of Engineering and  
Research Centre (Autonomous)  
NRA Garden, Pampady  
Thiruvilwamala, Thrissur - 689588

# CERTIFICATE OF PARTICIPATION

This is to certify that

**Betsy Joy**

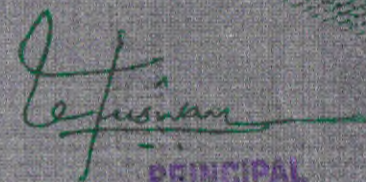
has participated in the Six-day Short Term Training Programme (STTP) on  
**INTRODUCTION TO DATA SCIENCE AND MACHINE LEARNING**

organized by

Department of Internet of Things & Cyber Security (CSOT)

In association with

Department of Computer Science & Engineering, Department of Artificial Intelligence & Providence FOSS CELL  
on 09<sup>th</sup> to 14<sup>th</sup> of September 2024



**PRINCIPAL**

Nehru College of Engineering and  
Research Centre (Autonomous)  
Nila Gardens, Pampady  
Thiruvilwamala, Thrissur - 680706



Dr. Premod Mathew Jacob

Dr. Santhosh Simon

CSCE

CAI



## SCMS SCHOOL OF ENGINEERING & TECHNOLOGY

VIDYA NAGAR, KARUKUTTY, ERNAKULAM - 683 576



# Certificate of Participation

This is to certify that

*Mr./Ms. P. Rajesh*

Nehru College of Engineering and Research Centre, Pampady

participated in the FDP "Opportunities of Power Electronics in Smart Grid, Renewable Energy Resources and Electric Vehicles", organized by the Department of Electrical and Electronics Engineering of this institution from 26/02/2024 to 01/03/2024.

*Deepa S.*  
Ms. Deepa S.  
COORDINATOR, SSET

*Jayanand B.*  
Dr. Jayanand B.  
HOD-EEE, SSET

*Lejusian*  
PRINCIPAL  
Nehru College of Engineering and  
Research Centre (Autonomous)  
Nila Gardens, Pampady  
Thiruvilwamala, Thrissur - 680688

*Anitha G. Pillai*  
Dr. Anitha G. Pillai  
PRINCIPAL, SSET

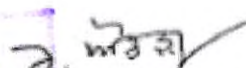
SSET/EEE/FDP/MARCH 2024/KTU/34



**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**  
**NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI**

*Certificate of Participation*

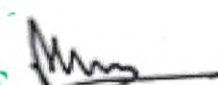
This is to certify that Mr. David. E from Nehru College of Engineering and Research Centre, Thrissur has participated and successfully completed the 5-day Online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 3rd July to 7th July 2023.

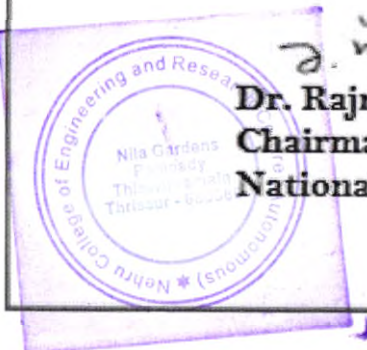
  
**Dr. Rajneesh Arora**  
**Chairman**

**National Coordination Committee for Induction Program**

  
**PRINCIPAL**

**Nehru College of Engineering and  
Research Centre (Autonomous)**  
Nila Gardens, Pampady  
Thiruvilwamala, Thrissur - 680502

  
**Prof. Rajive Kumar**  
**Member Secretary, AICTE**





# SCMS SCHOOL OF ENGINEERING & TECHNOLOGY

VIDYA NAGAR, KARUKUTTY, ERNAKULAM - 683 576



## Certificate of Participation

This is to certify that

*Mr./Ms. Abeena A*

Nehru College of Engineering and Research Centre, Pampady

participated in the FDP "Opportunities of Power Electronics in Smart Grid, Renewable Energy Resources and Electric Vehicles", organized by the Department of Electrical and Electronics Engineering of this institution from 26/02/2024 to 01/03/2024.

Ms. Deepa S.  
COORDINATOR, SSET



Dr. Jayanand B.  
HOD-EEE, SSET

PRINCIPAL  
Nehru College of Engineering and  
Research Centre (Autonomous)  
Nila Gardens, Pampady  
Thiruvilwamala, Thrissur - 680588

Dr. Anitha G. Pillai  
PRINCIPAL, SSET



Certificate No: 2023-SSPDP-10/35

**National Institute of  
Technical Teachers Training and Research, Chennai**  
(Ministry of Education, Government of India)

**Certificate of Participation**



This is to certify that

**SARANYA NAIR**

**Assistant Professor, Department of Electrical and Electronics Engineering  
Nehru College of Engineering and Research Centre, Thrissur, Kerala**

**Participated in the Professional Development Programme on**

**“Resilient Pedagogy”**

**Conducted by this Institute**

**from 24.07.2023 to 26.07.2023**

**at Jawaharlal College of Engineering and Technology, Palakad, Kerala**



26.07.2023

  
**Course Coordinator**



  
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Research Centre (Autonomous)  
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Thiruvithamala, Thrissur - 680 688

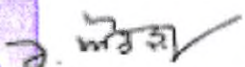
  
**Director**



**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**  
**NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI**

## *Certificate of Participation*

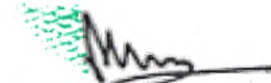
This is to certify that Mrs. Saranya Nair from Nehru College of Engineering and Research Centre, Thrissur has participated and successfully completed the 5-day Online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 3rd July to 7th July 2023.

  
**Dr. Rajneesh Arora**  
**Chairman**

**National Coordination Committee for Induction Program**

  
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**Prof. Rajive Kumar**  
**Member Secretary, AICTE**



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A-13/1, SSGT Road, Industrial Area, NH-9, Ghaziabad, India  
(Affiliated to Chaudhary Charan Singh University, Meerut, Uttar Pradesh, India)



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Ghaziabad

# Certificate of Participation

This Certificate is proudly presented to

**Mr. David E**

**Assistant Professor**

**Nehru College of Engineering and Research Centre, India**

for his/her participation in International Webinar on 'Innovative use of Educational Media and Technology in Higher Education' in collaboration with *CILKA (Centre for Innovative Learning & Knowledge Application)* on August 28, 2023 from 3:00PM (IST) onwards. The Resource Person was Prof. Janardhanan Gangathulasi, National Institute of Technical Teachers' Training and Research (NITTTR), Chennai, India.



*Vishu Sharma*  
Principal, CTE

*Janardhanan* *Shashank*  
Managing Director, CILKA **PRINCIPAL** Mr. Shashank Chaudhary  
Nehru College of Engineering and  
Research Centre (Autonomous)  
Nila Gardens, Pampady  
Thiruvilwamala, Thrissur - 680588



Learn on arm



This is to certify that

**David E**

from

**Nehru College of Engineering and Research Centre**

has participated in the workshop:

**VLSI to System Design: Silicon to End Application Approach**

Organized by – All India Council for Technical Education (AICTE),  
Arm Education and STMicroelectronics  
from July 31<sup>st</sup> to 4<sup>th</sup> August 2023

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Dr Ramesh Unnikrishnan  
Advisor-II,  
Training and Learning Bureau,  
All India Council for Technical  
Education (AICTE)

Arnaud Julienne  
Vice President,  
Microcontrollers and Digital ICs Group,  
IoT/AI Competence Center and Digital Marketing,  
China and APAC, STMicroelectronics

Guru Ganesan  
President and Managing Director,  
Arm India

Dr Khaled Benkrid  
Senior Director,  
Education and Research,  
Arm Ltd






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# CERTIFICATE OF PARTICIPATION

PROUDLY PRESENTED TO

*Ms. P.T. RAJESHA MOL*

For Participating in  
INDIAN COUNCIL OF SOCIAL SCIENCE RESEARCH (ICSSR)  
Sponsored National Seminar on  
DEMOGRAPHIC DIVIDEND IN INDIA - Challenges and Opportunities  
held at  
**Jawaharlal College of Engineering & Technology, Lakkidi**  
during 18<sup>th</sup> - 20<sup>th</sup> October, 2023

  
Dr. N. Gunasekaran  
Principal, JCET, Palakkad



  
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Thiruvilwamala, Thrissur 688105



  
Dr. K. Radhakrishnan  
Prof. Emeritus & Advisor, NGIK  
Convener



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## CERTIFICATE OF APPRECIATION

This is to certify that **Ms.Rajeenamol P T**, Assistant Professor, EEE, NCERC has actively interacted in the **ICSSR SPONSORED NATIONAL SEMINAR ON DEMOGRAPHIC DIVIDEND IN INDIA – CHALLENGES AND OPPORTUNITIES** held at Jawaharlal College of Engineering and Technology during 18-20 Oct 2023.

Her insightful questions and comments have enriched the discussion and helped to make the seminar a success. We appreciate your dedication and enthusiasm for learning and active participation in the National Seminar.

*N. Rajeenamol P T*  
19/10/23  
PRINCIPAL

*ADW*  
CONVENER



*Lejusian*  
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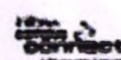




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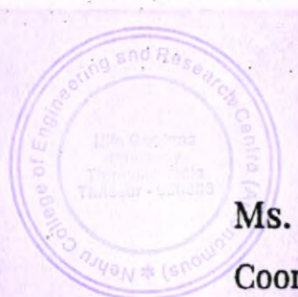


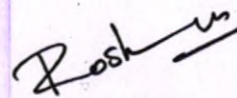
# CERTIFICATE OF PARTICIPATION




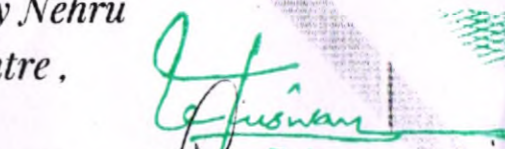
This is to certify that Dr/Mr/Ms P T RAJEENA MOL  
has attended APJ Abdul Kalam Technological University sponsored Faculty  
Development Program on Social Entrepreneurship Management organized by Nehru  
School of Management at Nehru College of Engineering and Research Centre,  
Thrissur held from 23rd to 28th January 2023.

  
Dr. Suriakala R  
Coordinator, NSM



  
Ms. Roshini R A  
Coordinator, NSM

  
Dr. Jiju C Akkara  
HOD, MBA, NSM

  
Principal, NCERC

Date of issue : 28/01/23