

**ACADEMIC YEAR 2022-2023**

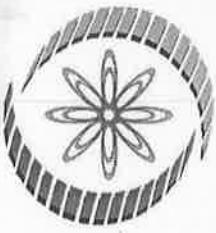
6.3.3 Total number of teaching and non-teaching staff participated in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years

**ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT**

ACADEMIC YEAR 2022-2023

S. No	Faculty Name	Designation	Name of FDP/ professional development /administrative training programs	Venue	Duration (from – to) (DD-MM-YYYY)
1	Dr.S.Karthigai Lakshmi	Professor / HoD	FDP on "NBA Accreditation and Teaching and learning in Engineering (NATE)"	NPTEL	12-01-2023 to 15-04-2023
2	Dr.K. Vinothkumar	Associate Professor	FDP on "Outcome Based Education"	PPG Institute of Technology	01-02-2023 to 09-02-2023
3	Dr.K.Rajesh	Associate Professor	FDP on "Inculcating Universal Human values in technical education"	AICTE	31-10-2022 to 04-11-2022
4	Dr.M.Jeyalakshmi	Associate Professor	FDP on "NBA Accreditation and Teaching and learning in Engineering (NATE)"	NPTEL	12-01-2023 to 15-04-2023
5	A.Geetha	Assistant Professor	National One Week Faculty Development Program(online) on Recent Trends in VLSI and Nano Electronics	Sree Vidyanikethan Engineering College (Autonomous), Tirupati, Andhra Pradesh, India.	04-07-2022 to 09-07-2022
6	V.P.Jay Fantin	Assistant Professor	FDP on "NBA Accreditation and Teaching and learning in Engineering (NATE)"	NPTEL	12-01-2023 to 15-04-2023
7	R.Carol Praveen	Assistant Professor	FDP on "Recent Trends on Digital Image Processing Techniques"	Sreenivasa Institute of Technology And Management Studies	05-12-2022 to 09-12-2022
8	M.Manikandan	Assistant Professor	FDP on "Artificial Intelligence and Machine Learning"	SSM Institute of Engineering and Technology	06-02-2023 to 10-02-2023
9	R.Senthil Kumar	Assistant Professor	FDP on "NBA Accreditation and Teaching and learning in Engineering (NATE)"	NPTEL	12-01-2023 to 15-04-2023
10	Dr.M.Premkumar	Associate Professor	FDP on "Digital Image Processing Techniques"	Sreenivasa Institute of Technology And Management Studies	05-12-2022 to 09-12-2022
			FDP on "Artificial Intelligence and Machine Learning"	Sri Venkateswara College of Engineering	03-04-2023 to 07-04-2023
			FDP on "Recent Trends in Artificial Intelligence and Cyber Security"	Shri Vishnu Engineering College for Women (A), Bhimavaram	01-11-2022 to 05-11-2022
			A Peek into the Leading Edge (webinar series on various facets of technology)		

11	J.VetrivaniKumar	Assistant Professor	FDP on "NBA Accreditation and Teaching and learning in Engineering (NATE)"	NPTEL	12-01-2023 to 15-04-2023
			FDP on "Foundation of Cloud IoT Edge ML"	NPTEL	February to April 2023
12	K.S.Arunkumar	Assistant Professor	FDP on "Artificial Intelligence and Machine Learning"	SSM Institute of Engineering and Technology	06-02-2023 to 10-02-2023
13	G.Saranya	Assistant Professor	FDP on "Antenna Modeling and Analysis using HFSS"	Entuple Technology	10-4-2023 to 05-05-2023
14	S.Karthik	Assistant Professor	FDP on "Artificial Intelligence and Machine Learning"	SSM Institute of Engineering and Technology	06-02-2023 to 10-02-2023
			FDP on "NBA Accreditation and Teaching and learning in Engineering (NATE)"	NPTEL	12-01-2023 to 15-04-2023
15	R.Sangeetha	Assistant Professor	FDP on "Fundamentals of Electronic Device fabrication"	NPTEL	july to august 2022
			FDP on "Accreditation and Outcome Based Learning"	NPTEL	22-08-2022 to 14-10-2022
16	K.Divya	Assistant Professor	FDP on "Performance Analysis of wireless Communication System"	AmantGyan Knowledge and Skills Private Limited	26-06-2023 to 01-07-2023
			FDP on "Recent Trends in Artificial Intelligence and Cyber Security"	Shri Vishnu Engineering College for Women (A), Bhimavaram	01-11-2022 to 05-11-2022
17	Keerthana S	Assistant Professor	FDP on "Optical Wireless Communications for Beyond 5G networks and IoT"	NPTEL	January to April 2023
			Online Short-Term Course on Artificial Intelligence Machine Learning and Deep Learning	National Institute of Technology Warangal	28-11-2022 to 02-12-2023
18	Dr.Ganapriya K	Assistant Professor	FDP on "Research Trends in Optical Technologies and its Applications"	VIT,Chennai.	05-01-2023 to 09-01-2023
			FDP on "NBA Accreditation and Teaching and learning in Engineering (NATE)"	NPTEL	12-01-2023 to 15-04-2023
19	Rajarajeshwari G	Assistant Professor	FDP on "Recent Trends in Artificial Intelligence and Cyber Security"	Shri Vishnu Engineering College for Women (A), Bhimavaram	01-11-2022 to 05-11-2022
			AICTE FDP on "Inculcating Universal Human Values in Technical Education"	All India Council for Technical Education (AICTE), NewDelhi	16-01-2023 to 20-01-2023
20	Karthika P	Assistant Professor	FDP on "Recent Trends in Artificial Intelligence and Cyber Security"	Shri Vishnu Engineering College for Women (A), Bhimavaram	01-11-2022 to 05-11-2022
			FDP on "Artificial Intelligence and Machine Learning"	SSM Institute of Engineering and Technology	06-02-2023 to 10-02-2023
			FDP on "Inculcating universal human value in technical education"	AICTE	31-10-2022 to 04-11-2022
			FDP on "IoT and its Applications"	NITTTR,Chandigarh	05-12-2022 to 09-12-2022



# NPTEL-AICTE

## Faculty Development Programme

(Funded by the MoE, Govt. of India)

This certificate is awarded to

**S KARTHIGAI LAKSHMI**

for successfully completing the course

**NBA Accreditation and Teaching and  
Learning in Engineering (NATE)  
with a consolidated score of 75 %**



  
Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

Roll No: NPTEL23GE01S63500027

Duration of NPTEL course : 12 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.

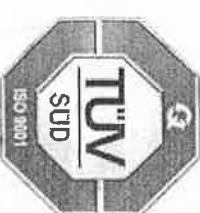
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18



(Jan-Apr 2023)

# **PPG INSTITUTE OF TECHNOLOGY**

AN ISO 9001 : 2008 CERTIFIED INSTITUTION  
( APPROVED BY AICTE, NEW DELHI, AFFILIATED TO ANNA UNIVERSITY, CHENNAI.)  
NH - 209, SATHY RD, SARAVANAMPATTI, COIMBATORE - 641035.



## **CERTIFICATE OF PARTICIPATION**

This is to certify that \_\_\_\_\_  
**K.Vinoth Kumar**

The Department of \_\_\_\_\_  
**ECE**

from \_\_\_\_\_  
**SSM Institute of Engineering and Technology, Dindigul**

Has participated in the virtual faculty development program on "**OUTCOME BASED EDUCATION**"  
organized by IQAC & Department of Mechanical Engineering, PPG Institute of Technology,  
Saravanampatti, Coimbatore during February 01 - 09, 2023 (7 Days ).

*[Signature]*

*[Signature]*

*[Signature]*

**PROF.MRS.D.Rajeswari**  
HOD/MECHANICAL  
DIRECTOR - IQAC & ACADEMICS

**Dr.P.Sathiaseelan**  
PRINCIPAL



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

### *Certificate of Participation*

This is to certify that Dr. K. Rajesh from SSM Institute of Engineering and Technology, Dindigul 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 31st

October to 04th November 2022.

A handwritten signature in black ink, appearing to read "Dr. Rajneesh Arora".

Dr. Rajneesh Arora  
Chairman

National Coordination Committee for Induction Program

A handwritten signature in black ink, appearing to read "Prof. Rajive Kumar".

Prof. Rajive Kumar  
Member Secretary, AICTE



# NPTEL-AICTE

## Faculty Development Programme

(Funded by the MoE, Govt. of India)

This certificate is awarded to

**DR M JEYALAKSHMI**

for successfully completing the course

**NBA Accreditation and Teaching and**

**Learning in Engineering (NATE)**

with a consolidated score of **73 %**



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

Roll No: NPTEL23GE01S553500190

Duration of NPTEL course : 12 Weeks



(Jan-Apr 2023)

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.

This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.

F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

# SREE VIDYANIKETHAN ENGINEERING COLLEGE

(AUTONOMOUS)

See Sainath Nagar, A. Ranganpet, Tirupati - 517 102

(Affiliated to JNTUA Anantapuramu, Approved by AICTE, Accredited by NBA; NACAC with 'A' Grade)

## CERTIFICATE

### OF PARTICIPATION

This is certified that Dr DR M.JEYALAKSHMI from SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY has successfully completed National One Week Faculty Development Program(online) on Recent Trends in VLSI and Nano Electronics ,from 4<sup>th</sup> July 2022 to 9<sup>th</sup> July 2022, organized by the Department of Electronics and Communication Engineering, Sree Vidyanikethan Engineering College (Autonomous), Tirupati, Andhra Pradesh, India.

N. Ashokumar

Dr. N. GIREESH

Dr. N. ASHOKKUMAR  
Coordinator

Dr. B. M. SATISH  
Principal,SVEC

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# NPTEL-AICTE

## Faculty Development Programme

(Funded by the MoE, Govt. of India)

This certificate is awarded to

**A GEETHA**

for successfully completing the course

**NBA Accreditation and Teaching and  
Learning in Engineering (NATE)**  
with a consolidated score of **71 %**



  
Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

Roll No: NPTEL23GE01S53500160

Duration of NPTEL course : 12 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.

F.No. AICTE / RIFFD / FDP through MOOCs / 2017-18



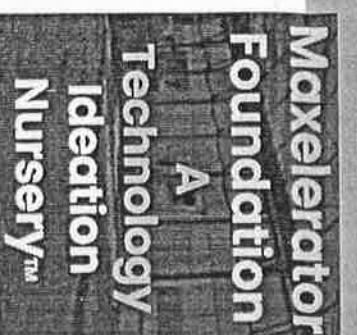
(Jan-Apr 2023)





# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

Accredited by NACC and Affiliated to Anna University, Chennai  
Dindigul - Palani Highways, Dindigul - 624 002



5 Days Faculty Development Program On

## ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

# CERTIFICATE

OF PARTICIPATION

This certificate is proudly presented to

A. GEEETHA

Department Of Electronic Communication And Engineering

Date: 06-02-2023-10-02-2023

G. Geetha

Nanu Swamy

Founder

Maxelerator Foundation

Dr. G. Prabu

SPOC - IITM Initiative

Dr. C. Sujatha

Head of the Department

Dr. D. Senthil Kumaran

Principal

Maxelerator Foundation



**SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES**

*(Autonomous)*



Approved by AICTE & Permanently Affiliated to JNTUA, Ananthapuramu  
Dr.D.K.Audikesavulu Marg, Murukambattu(Post)

# CERTIFICATE

*This is to certify that*

**A.GEETHA**

*Assistant Professor, SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY*

*has participated in*

*Five days Online Faculty Development Program on Recent trends on "Digital Image Processing Techniques" from 05/12/2022 to 09/12/2022 conducted by Department of Electronics and Communication Engineering, Sreenivasa Institute of Technology and Management Studies, Chittoor*



N. Venkatachalamrathu

*Principal*

*K. Gopi*  
Co-ordinator  
Dr. H. Prabhu Chandran

Made for free with Certify'em

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## Electronics and ICT Academy

An initiative of

Ministry of Electronics and Information Technology, Govt of India  
PDPM Indian Institute of Information Technology, Design and Manufacturing, Jabalpur.

### Certificate of Completion

EICT-IITDM/FDP/175/076

This is to certify that Mr. V. P. Jay Fantin from SSM Institute of Engineering and Technology has participated in the online Faculty Development Programme on “VLSI Design & Nanoelectronics: Emerging Challenges & Opportunities” organized by the Electronics and ICT Academy at PDPM IITDM Jabalpur during September 01 – 08, 2022 under the “Scheme of financial assistance for setting up of Electronics and ICT Academies” of the Ministry of Electronics and Information Technology (MeITY), Government of India. He has successfully completed all the requirements of the programme. The programme is of forty hours duration and is recognized by AICTE/UGC.

Dr. Pankaj Sharma  
Programme Coordinator  
PDPM IITDM Jabalpur

Prof. Aparajita Ojha  
Chief Investigator, E&ICT Academy  
PDPM IITDM Jabalpur



# CERTIFICATE

## CENTRE FOR FACULTY DEVELOPMENT

ANNA UNIVERSITY :: CHENNAI - 600 025



Mr. V. P. Jay. Fankin,, Assistant Professor...

S.S.M. Institute of Engineering & Technology, Dindigul.....

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

E.C. & 291 - Embedded & Real Time Systems.....conducted in

ONLINE MODE by the Department of Electronics & Communications Engineering

at .....P.S.M.D. College of Engineering & Technology, Dindigul.....

from .....04.07.2022..... to .....09.07.2022.....



COORDINATOR(S)

with Name

Dr. A. KALEEL RAHMAN



DIRECTOR

CENTRE FOR FACULTY DEVELOPMENT



REGISTRAR

ANNA UNIVERSITY



# NPTEL-AICTE

## Faculty Development Programme

(Funded by the MoE, Govt. of India)

This certificate is awarded to

**R CAROL PRAVEEN**

for successfully completing the course

**NBA Accreditation and Teaching and**

**Learning in Engineering (NATE)**

with a consolidated score of **73 %**



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

Roll No: NPTEL23GE01S553500100

Duration of NPTEL course : 12 Weeks



(Jan-Apr 2023)

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.

This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.

F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES  
*(Autonomous)*



Approved by AICTE & Permanently Affiliated to JNTUA, Ananthapuramu  
Dr.D.K.Audikesavulu Marg, Murukambattu(Post)

# CERTIFICATE

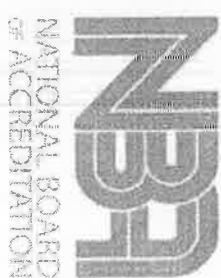
This is to certify that

R Carol Praveen

Assistant Professor, SSM Institute of Engineering and Technology

has participated in

Five days Online Faculty Development Program on "Recent trends on "Digital Image Processing Techniques" from 05/12/2022 to 09/12/2022 conducted by Department of Electronics and Communication Engineering, Sreenivasa Institute of Technology and Management Studies, Chittoor.

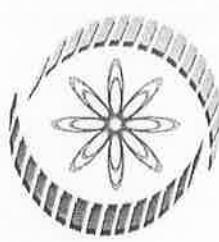


K. Praveen  
Co-Ordinator  
Dr. H. Prabhu Chandram

K. Carol  
R. Praveen  
Dr. H. Prabhu Chandram

Made for free with Certify'em

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# NPTEL-AICTE

## Faculty Development Programme

(Funded by the MoE, Govt. of India)

This certificate is awarded to

**M MANIKANDAN**

for successfully completing the course

**NBA Accreditation and Teaching and**

**Learning in Engineering (NATE)**

with a consolidated score of **71 %**



(Jan-Apr 2023)

Duration of NPTEL course: 12 Weeks

Roll No: NPTEL23GE01S63500064

  
Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses. F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

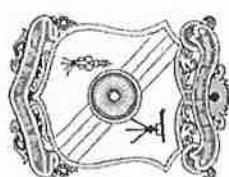
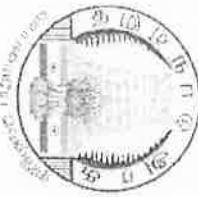


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## **FACULTY DEVELOPMENT TRAINING CENTRE**

### **GOVERNMENT COLLEGE OF TECHNOLOGY**

(An Autonomous Institution affiliated to Anna University /Accredited by NAAC- A Grade)  
COIMBATORE – 641 013



### **Certificate of Participation**

This is to certify that Mr. M. MANIKANDAN, Assistant Professor, Department of Electronics and Communication Engineering, SSM Institute of Engineering and Technology, Dindigul has participated in Tamil Nadu State Government Sponsored Five Day Faculty Development Programme on "Advanced Research Methodology & Data Analytics Tools" from 13.03.2023 to 17.03.2023 organized by the Faculty Development Training Centre in association with Department of Mechanical Engineering, Government College of Engineering Srirangam, Trichy through Online Mode.

*Vallai*  
**M. Manikandan**  
Coordinator  
Coordinator  
Dr. R. Martinini Dr. C. Rajaganapathy Dr. V.M. Shanthi Dr. K. Marudhyan  
12



# NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**SENTHIL KUMAR R**



for successfully completing the course

**NBA Accreditation and Teaching and**

**Learning in Engineering (NATE)**

with a consolidated score of **62 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

Roll No: NPTEL23GE01S63500089

Duration of NPTEL course : 12 Weeks



(Jan-Apr 2023)

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018; similar to other refresher / orientation courses.

F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

**SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES**

*(Autonomous)*



Approved by AICTE & Permanently Affiliated to JNTUA, Ananthapuramu  
**Dr.D.K.Audikesavulu Marg, Murukambattu(Post)**

# CERTIFICATE

*This is to certify that*

**SENTHIL KUMAR R**

*Assistant Professor, SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY*

*has participated in*

*The days Online Faculty Development Program on Recent trends on "Digital Image Processing Techniques" from 05/12/2022 to 09/12/2022 conducted by Department of Electronics and Communication Engineering, Sreenivasa Institute of Technology and Management Studies, Chittoor*



*K.Rao*  
Co-Ordinator  
Dr. K.Prabhu Chandran

*K.Gopi*  
HoD  
Dr.K.Gopi

*Nelamur*  
Principal  
Dr. M.Venkatasubbarathinam

Made for free with Certify'em



INSTITUTE OF  
ENGINEERING AND TECHNOLOGY



Accredited by NAAC and Affiliated to Anna University, Chennai  
Dindigul - Palani Highway, Dindigul - 624 002

5 Days Faculty Development Program On

## ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

# CERTIFICATE

OF PARTICIPATION

This certificate is proudly presented to

R. SENTHIL KUMAR

Department Of Electronic Communication And Engineering

Date: 06-02-2023-10-02-2023



G.418

Nanu Swamy

Founder

Dr. G. Prabu                  Dr. C. Sujatha                  Dr. D. Senthil Kumaran  
SPOC - IITM Initiative      Head of the Department      Principal

Maxelerator Foundation





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

VISHNU  
UNIVERSITY



## Department of Computer Science & Engineering

One Week National Level Online Faculty Development Program on  
**Recent Trends in Artificial Intelligence and Cyber Security**

### Certificate of Participation

This is to certify that M.PREMIKUMAR of SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, has participated in One Week National Level Online Faculty Development Program on Recent Trends in Artificial Intelligence and Cyber Security from 01-05 November 2022 organized by the department of CSE at Shri Vishnu Engineering College for Women (A), Bhimavaram. He/She has cleared the end exam successfully.

*B. Venkateswara Rao*

Dr. P. Kiran Sree  
HOD-CSE

*M. Srinivasa Raju*  
Dr. P. Srinivasa Raju  
Vice-Principal

*G. Srinivasa Rao*  
Dr. G. Srinivasa Rao  
Principal

GRHPSY-CE000923

Made for free with Certify'em

# A PEEK INTO THE LEADING EDGE (webinar series on various facets of technology)

03–07 April, 2023

Organized by

**Sri Venkateswara College of Engineering**

## *Certificate of Appreciation*



INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of Education, India)

This is to certify that PREMKUMAR M , SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL has participated in five day webinar series titled "A PEEK INTO THE LEADING EDGE" held during April 03-07, 2023 conducted by Department of Electronics and Communication Engineering, Sri Venkateswara College ofEngineering, Sriperumbudurthrough virtual mode.



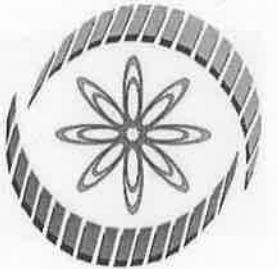
SSM  
Institute  
of  
Technology  
Dindigul  
Tamil Nadu  
India  
Approved by AICTE  
Certified by RRS

Dr. M. Bindhu

(Coordinator)

Dr. S. Muthukumar

(HoD- ECE)



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

**VETRIMANIKUMAR J**

for successfully completing the course

## NBA Accreditation and Teaching and Learning in Engineering (NATE)

with a consolidated score of **68** %

Online Assignments	24.06/25	Proctored Exam	44.25/75
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Total number of candidates certified in this course: **914**

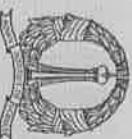
*Swamy.*

**Prof. G. L. Sivakumar Babu**  
Chairman, Center for Continuing Education  
IISc Bangalore

Jan-Apr 2023  
(12 week course)

*L. Umanand.*

**Prof. L. Umanand**  
NPTEL Coordinator  
IISc Bangalore



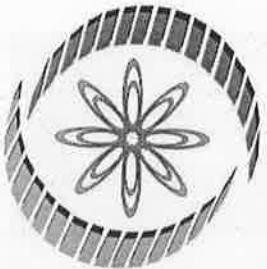
Indian Institute of Science Bangalore



**Elite**

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**VETRIMANIKUMAR J**

for successfully completing the course

## Foundation of Cloud IoT Edge ML

with a consolidated score of **86** %

Online Assignments	24.38/25	Proctored Exam	61.88/75
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Total number of candidates certified in this course: **1649**

**Prof. B. V. Ratish Kumar**  
Chairman, Centre for Continuing Education  
IIT Kanpur



Indian Institute of Technology Kanpur

**Prof. Satyaki Roy**  
NPTEL Coordinator  
IIT Kanpur

**Prof. Satyaki Roy**  
NPTEL Coordinator  
IIT Kanpur



Roll No: NPTEL23CS65S43500019

To validate the certificate



No. of credits recommended: 2 or 3

SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES  
*(Autonomous)*



Approved by AICTE & Permanently Affiliated to JNTUA, Ananthapuramu  
Dr. D.K. Audikesavulu Marg, Murukambattu (Post)

# CERTIFICATE

This is to certify that

VETRIMANIKUMAR.J

Assistant Professor, SSM Institute of Engineering and Technology

has participated in

Five days Online Faculty Development Program on "Recent trends on "Digital Image Processing Techniques" from 05/12/2022 to 09/12/2022 conducted by Department of Electronics and Communication Engineering, Sreenivasa Institute of Technology and Management Studies, Chittoor



Neefull

Principal

Dr. M. Venkatachalamathi

Made for free with Certify'em

K. Loppi  
Co-ordinator  
Dr. H. Prabhu Chandran  
Dr. K. Loppi

# **SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY**

**SSM**  
LEARNING ACADEMY

*Accredited by NACC and Affiliated to Anna University, Chennai  
Dindigul - Palani Highways, Dindigul - 624 002*

*5 Days Faculty Development Program On*

**ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING**

## **CERTIFICATE**

*OF PARTICIPATION*

This certificate is proudly presented to

**J. VETRIMANI KUMAR**

**Department Of Electronic Communication And Engineering**

**Date: 06-02-2023-10-02-2023**

Dr. G. Prabu  
SPOC - IITM Initiative

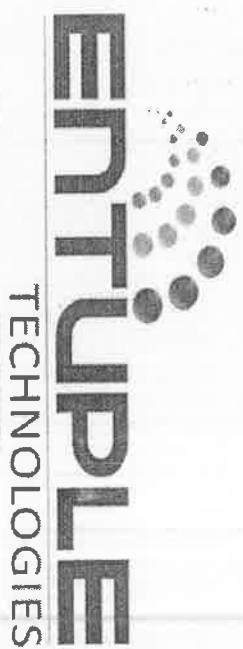
Dr. C. Sujatha  
Head of the Department

Dr. D. Senthil Kumaran  
Principal

Nanu Swamy  
Founder  
Maxelerator Foundation

**Maxelerator  
Foundation**  
A  
Technology  
Ideation  
Nursery™





# INTERNSHIP CERTIFICATE

This is to certify that **K.S.ARUN KUMAR**

from

**SSM INSTITUTE**

has completed the online internship program on

**ANTENNA MODELING AND ANALYSIS USING HFSS**

from April 10, 2023 to May 5, 2023.

Arjun - SK

Mr. Vidyasagar M.K  
Business Manager,  
Entuple Technologies Pvt. Ltd.

Certificate Number: 2206210008





# NPTEL-AICTE

## Faculty Development Programme

(Funded by the MoE, Govt. of India)

This certificate is awarded to

**KARTHIK S**



for successfully completing the course

**NBA Accreditation and Teaching and**

**Learning in Engineering (NATE)**

with a consolidated score of **64 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

Roll No: NPTEL23GE01SS54110211

Duration of NPTEL course : 12 Weeks



(Jan-Apr 2023)

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.

This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.

F.No. AICTE / RIFD / FDP through MOOCs / 2017-18





# NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)

This certificate is awarded to

**SANGEETHA R**

for successfully completing the course

## Fundamentals of Electronic Device Fabrication

with a consolidated score of **54 %**



(Jul-Aug 2022)

Roll No: NPTEL22MM29S13610057

Duration of NPTEL course : 4 Weeks

  
Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2016, similar to other refresher / orientation courses.

F.No. AICTE / RIFD / FDP through MOOCs / 2017-18



# NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)

This certificate is awarded to

**SANGEETHA R**

for successfully completing the course



## Accreditation and Outcome Based Learning

with a consolidated score of 65 %

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Aug-Oct 2022)

Roll No: NPTEL22GE27S54430044

Duration of NPTEL course : 8 Weeks



The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.

F.No. AICTE / RIFD / FDP through MOOCs / 2017-18



CIN: U80302BR2018PTC038026



KNOWLEDGE AND SKILLS PRIVATE LIMITED

This is to certify that

**MS. SANGEETHA R**



Assistant Professor, ECE, SSM Institute of Engineering and Technology, Dindigul, Tamil Nadu  
Participated and successfully completed one week online "Faculty Development Program" on the topic  
Online Hands-on Session on

## Performance Analysis of Wireless Communication System<sup>“</sup>

(from 26<sup>th</sup> June to 1<sup>st</sup> July 2023)

Amar Nath Dubey  
Founder & Director

Date: 6<sup>th</sup> July 2023



# Shri Vishnu Engineering College for Women :: Bhanavaram (Autonomous)

## Department of Computer Science & Engineering

One Week National Level Online Faculty Development Program on  
**Recent Trends in Artificial Intelligence and Cyber Security**

### Certificate of Participation

This is to certify that Mrs.K.Divya of SSM Institute of Engineering and Technology, has participated in One Week National Level Online Faculty Development Program on Recent Trends in Artificial Intelligence and Cyber Security from 01-05 November 2022 organized by the department of CSE at Shri Vishnu Engineering College for Women (A), Bhimavaram. He/She has cleared the end exam successfully.

R. Kiran Sree

Dr. P. Kiran Sree  
HOD-CSE

Dr. P. Srinivasa Raju  
Vice-Principal

Dr. G. Srinivasa Rao  
Principal

GRHPSY-CEO00774

Made for free with Certify'em





Dr. Anand Srivastava Ramamirthan  
NPTEL, Coordinator  
Prof. Andrew Thangaraj

Jan-Apr 2023  
(12 week course)

Guru Nanak Education Program, IITD  
Coordinator  
Dr. Anand Srivastava Ramamirthan

609

Total number of candidates certified in this course:

Online Assignments	23.19/25	Protocol Exam	57/75
with a consolidated score of			80 %

## Optical Wireless Communications for Beyond 5G Networks and IoT

for successfully completing the course

### KERTHANA S

This certificate is awarded to

(Funded by the MoE, Govt. of India)

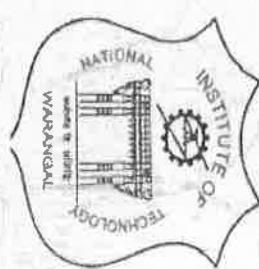
NPTEL Online Certification

Elite



# Centre for Continuing Education

## NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL



### Participation Certificate

This is to certify that Ms/Mr/Dr/KEERTHANA S from SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL has attended Online Short-Term Course on "Artificial Intelligence Machine Learning and Deep Learning" conducted by the Department of Computer Science and Engineering NIT Warangal in association with CCE, NIT Warangal from 28-11-2022 to 02-12-2022.

*[Signature]*  
Dr. Raju Bhukya  
Coordinator & Faculty-Incharge  
CCE-NITW

*[Signature]*  
Dr. S.Ravi Chandra  
Head of the Department  
Computer Science & Engg

*[Signature]*  
Prof.N.V. Ramana Rao  
Director  
NIT Warangal

(51)



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

**VIT**®



## Certificate of Participation

This is to certify that Dr./Prof./Mr./Ms. .... of KEERTHANA S. ....

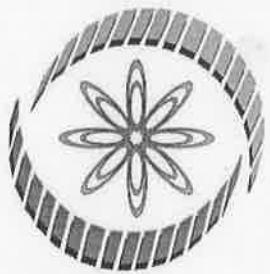
SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY DINDIGUL..... has participated in the Five Days Online Faculty Development Program (FDP) on "Research Trends in Optical Technologies and its Applications (RTOTA-2023)" organized by School of Electronics Engineering from January 05<sup>th</sup> – 09<sup>th</sup>, 2023 at Vellore Institute of Technology, Chennai.

Dr. A.Sivasubramanian  
Co-ordinator

Dr.V.R Balaji  
Co-ordinator

Dr. Susan Elias  
Dean-SENSE

*VIT – A place to learn; A chance to grow*



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

**GANAPRIYA K**

for successfully completing the course

## NBA Accreditation and Teaching and Learning in Engineering (NATE)

with a consolidated score of **71 %**

Online Assignments	24.38/25	Proctored Exam	46.5/75
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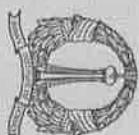
Total number of candidates certified in this course: **914**

*Ganapriya K.*

Prof. G. L. Sivakumar Babu  
Chairman, Center for Continuing Education  
IISc Bangalore

Jan-Apr 2023  
(12 week course)

Indian Institute of Science Bangalore



Prof. L. Umanand  
NPTEL Coordinator  
IISc Bangalore

*L. Umanand*





# Shri Vishnu Engineering College for Women :: Bhimavaram

(Autonomous)

VISHNU  
UNIVERSITY LEARNING



## Department of Computer Science & Engineering

One Week National Level Online FDP on

Societal Applications of Machine Learning, 26-30 December 2022

### Certificate of Participation

This is to certify that Dr.K.Ganapriya of SSMIET , has participated in One Week National Level Online Faculty Development Program on Societal Applications of Machine Learning from 26-30 December 2022 organized by the department of CSE at Shri Vishnu Engineering College for Women (A), Bhimavaram. He/She has cleared the end exam successfully.

*Ramya*

*Kiran*

*G. S. Rao*

Dr. P. Kiran Sree  
HOD-CSE

Dr. P. Srinivasa Raju  
Vice-Principal

Dr. G. Srinivasa Rao  
Principal



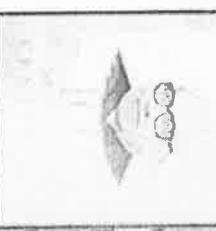
**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION  
NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI**

*Certificate of Participation*

This is to certify that Mrs. G. Rajarajeshwari from SSM Institute of Engineering and Technology, Dindigul 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 16th January to 20th January 2023.

*[Signature]*  
Prof. Rajive Kumar  
Member Secretary, AICTE

*[Signature]*  
Dr. Rajneesh Arora  
Chairman  
National Coordination Committee for Induction Program



## **Department of Computer Science & Engineering**

One Week National Level Online Faculty Development Program on  
**Recent Trends in Artificial Intelligence and Cyber Security**

### **Certificate of Participation**

This is to certify that **G.RAJARAJESHWARI** of SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, has participated in One Week National Level Online Faculty Development Program on Recent Trends in Artificial Intelligence and Cyber Security from 01-05 November 2022 organized by the department of CSE at Shri Vishnu Engineering College for Women (A), Bhimavaram. He/She has cleared the end exam successfully.

*@newm*

**Dr. P. Kiran Sree**  
**HOD-CSE**

*Kiran Sree*  
**Dr. P. Srinivasa Raju**  
**Vice-Principal**

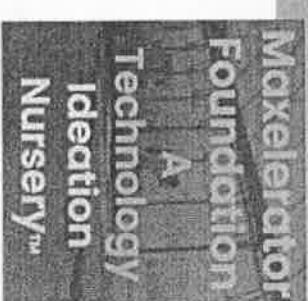
*G. S. Rao*  
**Dr. G. Srinivasa Rao**  
**Principal**

**GRHPSY-CE000823**

Made for free with CertifyMe



Accredited by NACC and Affiliated to Anna University, Chennai  
Dindigul - Palani Highways, Dindigul - 624 002



5 Days Faculty Development Program On

## ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

# CERTIFICATE

### OF PARTICIPATION

This certificate is proudly presented to

**G. RAJARAJESHWARI**

Department Of Electronic Communication And Engineering

Date: 06-02-2023-10-02-2023

Dr. G. Prabu

Head of the Department

POC - IITM Initiative

Dr. C. Sujatha

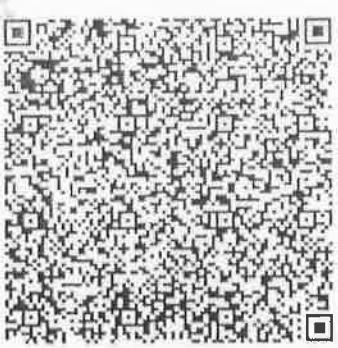
Department Head

Maxelerator Foundation

Nanu Swamy

Founder

Maxelerator Foundation





Coordinator

Director

NITTR, Chandigarh

at

05/12/2022 to 09/12/2022 (One Week)

from

Electronics and Communication Engineering Department

Conducted by

IoT and its Applications

on

Participated in the AICTE Recognized Faculty Development Programme

TAMIL NADU

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINIGUL

KARTHIKA P

This is to certify that

Certificate

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

Chandigarh

Technical Teachers Training and Research

National Institute of



Certificate No: ICT-20529/23

23



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

### *Certificate of Participation*

This is to certify that Ms. Karthika P from SSM Institute of Engineering and Technology, Dindigul 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 31st October to 4th November 2022.

Dr. Rajneesh Arora  
Chairman  
National Coordination Committee for Induction Program

Prof. Rajive Kumar  
Member Secretary, AICTE

## **GOVERNANCE, LEADERSHIP AND MANAGEMENT**

### **CRITERIA 6**

S.NO	ACADEMIC YEAR	NO.OF.FACULTIES ATTENDED
1	2021-2022	23
2	2020-2021	22
3	2019-2020	23
4	2018-2019	24

6.3.4.1 - Total number of teachers attending professional development programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

**ACADEMIC YEAR 2021-2022**

**6.3.3 Total number of teaching and non-teaching staff participating in Faculty development Programs (FDP), professional development /administrative training programs during the last five years**

**ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT**

**ACADEMIC YEAR 2021-2022**

S. No	Faculty Name	Designation	Name of FDP/ professional development /administrative training programs	Venue	Duration (from – to) (DD-MM-YYYY)
1	Dr.S.Karthigai Lakshmi	Professor / HoD	RF Applications using RFSoC Devices	Dr. Sagunthala R&D Institute of Science and Technology	22-11-2021 to 26-11-2021
2	Dr.C.Sujatha	Professor	FDP on "Recent Innovative Trends in Biomedical Engineering and Technology"	Mepco Schlenk Engineering College (Autonomous) Sivakasi	13-12-2021 to 17-12-2021
3	Dr.K.Vinothkumar	Associate Professor	FDP on "Recent Innovative Trends in Biomedical Engineering and Technology"	Mepco Schlenk Engineering College (Autonomous) Sivakasi	13-12-2021 to 17-12-2021
4	Dr.K.Rajesh	Associate Professor	FDP on "Emerging and innovative Approach in Management,IT and Communication in Teaching and Research"	IIMT College of management,U.P	09-06-2022 to 15-09-2022
5	Dr.V.Jeevanantham	Assistant Professor	FDP on "Recent Advancements and Emerging technologies in the Area of Education and Research"	IIMT College of management,U.P	03-02-2022 to 09-02-2022
6	Dr.M.Jeyalakshmi	Assistant Professor	ORIENTATION/REFRESHER PROGRAM ON Machine Learning in Bio medical engineering "OBE and NBA Accreditation"	R.M.K engineering college , Kavaraitpettai, TN	01-12-2021 to 07-12-2021
7	A.Geetha	Assistant Professor	Recent Trends on Healthcare Applications using Machine Learning	NITTTR, Chandigarh	23-05-2022 to 27-05-2022
8	V.P.Jay Fantin	Assistant Professor	FDP on "Multi technologies"	Kings College of Engineering	13-16-2022 to 18-06-2022
9	R.Carol Praveen	Assistant Professor	FDP on "RF Applications using RFSoC Devices"	Aditya Engineering College,Andrapradesh	28-06-2021 to 03-07-2021
10	M.Manikandan	Assistant Professor	FDP on "Recent Innovative Trends in Biomedical Engineering and Technology"	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai.	22-11-2021 to 26-11-2021
			FDP on "Recent Innovative Trends in Biomedical Engineering and Technology"	Mepco Schlenk Engineering College (Autonomous) Sivakasi	13-12-2021 to 17-12-2021
			FDP on "Embedded System Design Methodologies using Intel FPGA"	Velammal College of Engineering and Technology, Madurai	15-12-2021 to 17-12-2021
			FDP on "Advanced Pedagogy using smart tools"	KLN college of engineering	21-01-2022 to 28-01-2022
			Recent Trends on Healthcare Applications using Machine Learning	Kings College of Engineering	13-06-2022 to 18-06-2022
			FDP on "EC8701-Antennas and Microwave Engineering"	RAMCO Institute of Technology	20-06-2022 to 25-06-2022
			FDP on "EC8095- VLSI Design"	PSNA College of Engineering and Technology	17-01-2022 to 22-01-2022

11	R.Senthil Kumar	Assistant Professor	FDP on on "Recent Innovative Trends in Biomedical Engineering and Technology"	Mepco Schlenk Engineering College (Autonomous) Sivakasi	13-12-2021 to 17-12-2021
12	M.Premkumar	Assistant Professor	FDP on "Societal Applications of AI, Blockchain, and IoT" FDP on "Technology Enablers For Smart Manufacturing Using Industry 4.0" Recent Trends on Healthcare Applications using Machine Learning	Shri Vishnu Engineering College for Nitte Meenakshi Institute of Technology, Bangalore	01-09-2021 to 05-09-2021 12-07-2021 to 16-07-2021
13	J.Vetrimanikumar	Assistant Professor	FDP on ""RF Applications using RFSoC Devices"	Kings Collge of Engineering	13-06-2022 to 18-06-2022
14	K.S.Arunkumar	Assistant Professor	FDP on "Advanced Pedagogy using smart tools"	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai.	22-11-2021 to 26-11-2021
15	V.P.Gokulan	Assistant Professor	FDP on "Advanced Pedagogy using smart tools"	KLN college of engineering	21-01-2022 to 28-01-2022
16	S.Jayakumar	Assistant Professor	Recent Trends on Healthcare Applications using Machine Learning	KLN college of engineering	21-01-2022 to 28-01-2022
17	G.Saranya	Assistant Professor	FDP on on "Recent Innovative Trends in Biomedical Engineering and Technology"	Mepco Schlenk Engineering College (Autonomous) Sivakasi	13-06-2022 to 18-06-2022
18	S.Karthik	Assistant Professor	FDP on "Advanced Pedagogy using smart tools"	KLN college of engineering	13-12-2021 to 17-12-2021
19	R.Sangeetha	Assistant Professor	FDP on "Adoptive Approaches for Modern Teaching and Research"	SNMV College of Arts and Science Institute of Management	21-01-2022 to 28-01-2022
20	S.Abirami	Assistant Professor	Attended "Faculty induction program"	SSMIET,Dindigul.	15-11-2021 to 23-11-2021
21	K.Divya	Assistant Professor	IoT and its application instrumentation	IT Guwahati	18-10-2021 to 23-10-2021
22	R.Vinotha	Assistant Professor	FDP on "Advanced Pedagogy using smart tools"	KLN college of engineering	21-01-2022 to 28-01-2022
23	Dr.M.Jeyalakshmi	Assistant Professor	Attended "Faculty induction program"	SSMET,Dindigul.	18-10-2021 to 23-10-2021
24	S.Jayakumar	Assistant Professor	FDP on "Embedded System Design methodologies using Intel FPC"	Vellammal College of Engineering and Technology	15-12-2021 to 17-12-2021
25	S.Karthik	Assistant Professor	FDP on "Embedded System Design methodologies using Intel FPC"	Vellammal College of Engineering and Technology	15-12-2021 to 17-12-2021



**Vel Tech**  
 Rangarajan Dr. Sagunthala  
 R&D Institute of Science and Technology  
(Deemed to be University, Regd. u/s of UGC Act, 1956)

## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



### Certificate of Participation

THIS CERTIFIES THAT

**Dr. S. KARTHIGAI LAKSHMI, Professor**  
 SSM Institute of Engineering and Technology

Has participated in the Five days Faculty Development Program on "RF Applications in Wireless Devices" from 22 - 26 November 2021, organized by ECE Department of Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai.

Dr. V. Esther Rani  
 HOD/ECE

Dr. V. Jayasankar  
 DEAN/SOEC

Dr. A. T. Ravichandran  
 DEAN ACADEMICS

MEPCO SCHLENK ENGINEERING COLLEGE (AUTONOMOUS)  
SIVAKASI



**Bio Medical Engineering**

One Week Online Faculty Development Programme

on

*Recent Innovative Trends in Biomedical Engineering and Technology*

December 13-17, 2021



**Certificate of Participation**

This certificate is proudly presented to Dr.S.KARTHIGAI LAKSHMI,Professor,SSM Institute of Engineering and Technology, Dindigul who has actively participated and completed One Week Online Faculty Development Programme on "Recent Innovative Trends in Biomedical Engineering and Technology" during December 13 - 17, 2021.

Dr.D.Selvathi  
Co-ordinator

Dr.D.Santhi  
Co-ordinator

Dr.S.Arivazhagan  
Principal

Dr.M.A.Fenima  
Co-ordinator

**MEPCO SCHLENK ENGINEERING COLLEGE (AUTONOMOUS)**

**SIVAKASI**

**Bio Medical Engineering**



**One Week Online Faculty Development Programme**  
on

**Recent Innovative Trends in Biomedical Engineering and Technology**

**December 13-17, 2021**



**Certificate of Participation**

This certificate is proudly presented to Dr.C.SUJATHA, Professor, SSM Institute of Engineering and Technology, Dindigul who has actively participated and completed One Week Online Faculty Development Programme on "Recent Innovative Trends in Biomedical Engineering and Technology", during December 13 - 17, 2021.

**Dr.M.A.Femina**  
**Co-ordinator**

**Dr.D.Selvathi**  
**Co-ordinator**

**Dr.S.Arivazhagan**  
**Principal**



COLLEGE OF MANAGEMENT  
Greater Noida  
— Aims for Excellence —

## ONE WEEK ONLINE FDP

Organized by

# IIMT COLLEGE OF MANAGEMENT IN COLLABORATION WITH INDIAN ECONOMIC ASSOCIATION

### E-Certificate of Participation

This is to Certify that Mr./Ms./Dr./Prof. [REDACTED] of [REDACTED]

[REDACTED] has actively participated in the  
[REDACTED] INSTITUTE OF ENGINEERING AND TECHNOLOGY

One Week Online Faculty Development Programme (FDP) on "Emerging and Innovative Approach in Management, IT and Communication in Teaching and Research" from  
07<sup>th</sup> June to 15<sup>th</sup> June, 2022.

Prof. (Dr.) Govind Kumar  
Governer  
IIMT College of Management

Dr. D.K. Asthana  
Secretary General  
Indian Economic Association

Dr. A.K. Tomyar  
Chief Conference Co-ordinator  
Indian Economic Association

Prof. Ghanshyam N Singh  
President  
Indian Economic Association

Prof. (Dr.) Abhinna Baxi  
Director  
IIMT College of Management



**IIIMT**  
COLLEGE OF MANAGEMENT  
Greater Noida  
— Aim For Excellence —



## IIIMT College of Management, Greater Noida, U.P.

### E-Certificate

Dr.K.VINOTH KUMAR

This is to certify that Ms./Mr./Dr./Prof.  
**SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY**..... participated and completed one week  
online Faculty Development Programme (FDP) on "Recent Advancements and Emerging Technologies  
in the Area of Education and Research" conducted by IIIMT College of Management Greater Noida, U.P.  
from 3<sup>rd</sup> to 9<sup>th</sup> February 2022.

**Prof. (Dr.) Amit Rai**  
President, IIC  
IIIMT College of Management

**Prof. (Dr.) Govind Kumar**  
Coordinator  
IIIMT College of Management

**Dr. Abhinna Baxi Bhatnagar**  
Director  
IIIMT College of Management

Made for free with Certify'em

# Certificate



This is to certify that K. RAJESH has successfully completed the AICTE-ISTE approved Orientation/Refresher Programme on "Machine Learning in Biomedical Engineering" held during 01.12.2021 to 07.12.2021 organized by R.M.K. Engineering College, Kavaraipettai, Tamilnadu.

Director (FDC)  
AICTE, ND

Executive Secretary  
ISTE, ND

Program Coordinator  
RMKEC, Kavaraipettai

Principal  
RMKEC, Kavaraipettai

Jid

Par

Mash



Certificate No: ICT-2529/22

National Institute of  
Technical Teachers Training and Research  
Chandigarh

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate



*This is to certify that*

**RAJESH**

**SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL  
TAMIL NADU**

*Participated in the AICTE Recognized Faculty Development Programme*

*on*

**OBE and NBA Accreditation**

*Conducted by*

**Electronics and Communication Engineering Department**

*from*

**23/05/2022 to 27/05/2022 (One Week)**

*at*

**NITTTR, Chandigarh**



*Coordinator*

*Director*



(Affiliated to Anna University, Chennai, Approved by AICTE)  
Chennai to Bangalore Highway, Inungattukottai, Sripurumbudur - 602 117

# Department of Information Technology

## Certificate of Participation

This is to certify that

Dr./Mr./Ms. .... Jeevanantham V .....

AP and ECE

of SSM Institute of Engineering and Technology

has actively participated in Six Day Faculty Development Program.

"Recent Trends On Healthcare Applications using Machine Learning"  
Conducted from 13<sup>th</sup> to 18<sup>th</sup> June, 2022 by the Department of Information Technology,  
Kings Engineering College, Chennai.



Dr. P. Shanthakumar M.E., Ph.D.  
Convenor

Dr. G. Manikandan, M.E., Ph.D.  
Head of the Department

Dr. T. John Oral Bhaskar, M.E., Ph.D.  
Principal

Made for free with Certifyem



# ADITYA ENGINEERING COLLEGE(A)

Approved by AICTE, Affiliated to JNTUK, Accredited by NBA, NAAC with 'A' Grade  
ADB Road, Surampalem, EG District, AP - 533437. www.aec.edu.in

## CERTIFICATE OF PARTICIPATION

National Youth Council of India



This is to certify that

Ms. M Jeyalakshmi

has successfully completed One Week National Online Faculty Development Program on  
**MULTI TECHNOLOGIES** organized by Department of Computer Science and Engineering  
in collaboration with Computer Science of India , Brain O Vision Solutions India Pvt. Ltd. &  
National Youth Council of India held during **28.06.2021** to **03.07.2021**.

D.G.K.  
Datchara Moorthy  
National Executive President,  
NYCI

G.N.D.  
Ganesh Nag Doddii  
CEO Brainovision

  
**Dr. S. Rama Sree**  
HOD CSE  
Co-Convenor  
  
**Dr. M. Sreenivasa Reddy**  
Principal  
Convener



# Vel Tech

Rangarajan Dr. Sagunthala  
R&D Institute of Science and Technology  
(Deemed to be University Under Sec 3 of UGC Act, 1956)

## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



Enabling Excellence



### Certificate of Participation

*THIS CERTIFIES THAT*

**Mrs.A.GEETHA,Assistant professor**  
**SSM Institute Of Engineering And Technology**

*has participated in the Five days Faculty Development Program on “RF Applications using RFSoC Devices” from 22 – 26 November 2021, organized by ECE Department of Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai.*

Dr. P. Esther Rani  
HOD/ECE

Dr. V. Jayasankar  
DEAN/SOEC

Dr. A. T. Ravichandran  
DEAN ACADEMICS

# MEPCO'SCHLENK ENGINEERING COLLEGE (AUTONOMOUS)

SIVAKASI

## Bio Medical Engineering



### One Week Online Faculty Development Programme

on

Recent Innovative Trends in Biomedical Engineering and Technology



December 13-17, 2021

**Certificate of Participation**

This certificate is proudly presented to Mrs.A.GEETHA,Assistant Professor,SSM Institute of Engineering and Technology, Dindigul who has actively participated and completed One Week Online Faculty Development Programme on "Recent Innovative Trends in Biomedical Engineering and Technology" during December 13 - 17, 2021.

Dr.D.Santhi  
Co-ordinator

Dr.S.Arivazhagan  
Convenor  
Principal

Dr.M.A.Femina  
Co-ordinator

D.Selvathi  
Convenor



# Velammal College of Engineering and Technology

An Autonomous Institution Accredited by NBA, Accredited by NAAC with 'A' Grade,  
Categorized as 'BAND A' institution in APRA 2020

## Three day Online Faculty Development Program

In Association with

**Intel Technology India Pvt Ltd**

## Certificate of Participation

This is to certify that

**Mr. V. P. JAY FANTIN, SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY**

has participated in the Three day Online Faculty Development Program on "Embedded System Design Methodologies using Intel FPGA" organized by the Department of Electronics and Communication Engineering, Velammal College of Engineering and Technology in association with Intel Technology India Pvt Ltd from **15/12/2021 to 17/12/2021.**

**Coordinator**

Dr. P. Karthikeyan, ASP/ECE

**Convenor**

Dr. S. Vasuki, HOD/ECE

**Principal**

Dr. N. Suresh Kumar

# Certificate



This is to certify that **R. CAROL PARVEEN** has successfully completed the AICTE-  
ISTE approved Orientation/Refresher Programme on "*Advance pedagogy Using  
Smart Tools*" held during **21.01.2022 to 28.01.2022** organized by **K.L.N. College of  
Engineering, Pottapalaiyam, Tamilnadu.**

*[Signature]*  
Director (FDC)  
AICTE, ND

*[Signature]*  
Program Coordinator  
KLNCE, Pottapalaiyam

*[Signature]*  
Principal  
KLNCE, Pottapalaiyam



Affiliated to Anna University, Chennai, Approved by AICTE  
Chennai to Bangalore Highway, Trungattukottai, Siperumbudur - 602 117

# Department of Information Technology

## Certificate of Participation

This is to certify that

Dr. M. Ans.....  
Carol Praveen.....

SSM Institute of Engineering and Technology  
of  
SSM Institute of Engineering and Technology

has actively participated in Six Day Faculty Development Program  
on Recent Trends On Healthcare Applications using Machine Learning”,  
Conducted from 13<sup>th</sup> to 18<sup>th</sup> June, 2022 by the Department of Information Technology,  
Kings Engineering College, Chennai.

P. G. Manikandan

Dr. P. Srinivasan M.E., Ph.D.  
Curnt Head  
of the Department

P. G. Manikandan

Dr. G. Manikandan, M.E., Ph.D.  
Head of the Department

Dr. T. John Oral Bhaskar, M.E., Ph.D.  
Principal

Made for free with Certify'em



CERTIFICATE  
CENTRE FOR FACULTY DEVELOPMENT  
ANNA UNIVERSITY :: CHENNAI - 600 025

Mr. M. Manikandan, Assistant Professor.....  
S.E.I.T., Institute of Engineering & Technology, Dinigul.....  
took part in the six-day Faculty Development Training Programme on  
Ericsson Antennas & Microwave Engineering  
ONLINE MODE by the Department of Electronics & Communication Engineering  
at Rama I.O.S Institute of Technology, Rajapalayam.....  
from 20.06.2022 to 25.06.2022.....

R. Rajalakshmi  
COORDINATOR(S)  
with Name  
Dr. R. RAJALAKSHMI

Z. S. I.  
DIRECTOR  
CENTRE FOR FACULTY DEVELOPMENT

J. V. A.  
REGISTRAR  
ANNA UNIVERSITY



## CENTRE FOR FACULTY DEVELOPMENT

ANNA UNIVERSITY :: CHENNAI - 600 025

Mr. M. Manikandan.....Assistant Professor.....

S.S.M. Institute of Engineering & Technology, Dindigul.....

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

E.C. 8095 - VLSI Design.....conducted in

ONLINE MODE by the Department of Electronics & Communication Engineering  
at P.S.N.A. College of Engineering at Technology, Dindigul.....

from 17.01.2022 to 22.01.2022.....

J. N. A.

REGISTRAR  
ANNA UNIVERSITY



DIRECTOR

CENTRE FOR FACULTY DEVELOPMENT

M. Srinivas

COORDINATOR(S)  
with Name

DY. M. THARUVENI

**MEPCO SCHLENK ENGINEERING COLLEGE (AUTONOMOUS)**  
**SIVAKASI**



**Bio Medical Engineering**

**One Week Online Faculty Development Programme**

**on**

**Recent Innovative Trends in Biomedical Engineering and Technology**

**December 13-17, 2021**



**Certificate of Participation**

This certificate is proudly presented to Mr.R.SENTHIL KUMAR,Assistant Professor,SSM Institute of Engineering and Technology, Dindigul who has actively participated and completed One Week Online Faculty Development Programme on "Recent Innovative Trends in Biomedical Engineering and Technology" during December 13 - 17, 2021.

**Dr.M.A.Femina**  
**Co-ordinator**

**Dr.D.Selvathi**  
**Co-ordinator**

**Dr.S.Arivazhagan**  
**Principal**



**Shri Vishnu Engineering College for Women :: Bhimavaram**  
(Autonomous)  
**Department of Computer Science & Engineering**

One Week National Level Online Faculty Development Program C-3

Societal Applications of AI, Blockchain and IoT

## CERTIFICATE OF PARTICIPATION

BLIE6Y-CE000106

This is to certify that **Mr. M. Premkumar** from SSM Institute of Engineering and Technology has participated in One Week National Level Online Faculty Development Program(FDP) on "Societal Applications of AI, Blockchain, and IoT" organized by the Department of Computer Science & Engineering of Shri Vishnu Engineering College for Women(A) from 1-5, September 2021. He/She has cleared the end exam successfully.

*Premkumar*  
Convenor  
Dr. P. Kiran Sree  
Professor & Head -CSE

*G. Srinivasa Rao*  
Co-Patron  
Dr. P. Srinivasa Raju  
Vice-Principal

*G. Srinivasa Rao*  
Patron  
Dr. G. Srinivasa Rao  
Principal

Made for free with Certifyem

# CERTIFICATE

## of Participation



NITTE MEENAKSHI  
INSTITUTE OF TECHNOLOGY  
DEPARTMENT OF MECHANICAL ENGINEERING  
ACCREDITED BY NBA (TIER-I)

This is to certify that

Mr Premkumar M

From \_\_\_\_\_  
SSM Institute of Engineering and Technology

Has Participated in the AICTE Sponsored National Level Five Days Virtual Short Term Training Program (STTP) on "**TECHNOLOGY ENABLERS FOR SMART MANUFACTURING USING INDUSTRY 4.0**" from 12<sup>th</sup> to 16<sup>th</sup> of July 2021, organized by Department of Mechanical Engineering, Nitte Meenakshi Institute of Technology, Bangalore-64, INDIA.

Sponsored by



Dr. H. C. Nagaraj  
Principal,  
NMIT



All India  
Ranking  
**03**  
Under Playaam  
Finemed Institute

Dr. Sudheer Reddy J  
Head, Dept. Of Mech Engg,  
Coordinator- STTP  
NMIT



(Affiliated to Anna University, Chennai, Approved by AICTE)  
Chennai to Bangalore Highway, Irungattukottai, Sriperumbudur - 602 117

# Department of Information Technology

## Certificate of Participation

This is to certify that

Dr./M.T./Ms. .... Dr. M. Premkumar  
SSM Institute of Engineering and Technology  
of

has actively participated in Six Day Faculty Development Program  
"Recent Trends On Healthcare Applications using Machine Learning"  
Conducted from 13<sup>th</sup> to 18<sup>th</sup> June, 2022 by the Department of Information Technology,  
Kings Engineering College, Chennai.

P. S. Manikandan  
Convener

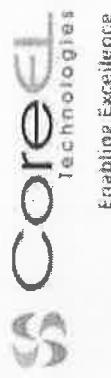
Dr. P. Srinivasan M.E., Ph.D.  
Head of the Department

Dr. T. John Oral Bhaskar, M.E., Ph.D.  
Professor

Made for free with Certificate



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



Certificate of Participation

THIS CERTIFIES THAT

Vetrimankumar.J, Assistant Professor  
SSM Institute of Engineering and Technology

has participated in the **Five days Faculty Development Program on "RF Applications using RFSoC Devices"** from 22 – 26 November 2021, organized by ECE Department of Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai.

Use k aw p

Dr. P. Esther Ramu  
HOD/ECE

Dr. V. Jayasankar  
DEAN/SOEC

Dr. A. T. Ravichandran  
DEAN ACADEMICS



# Certificate

This is to certify that **K.S.ARUN KUMAR** has successfully completed the AICTE-  
ISTE approved Orientation/Refresher Programme on "**Advance pedagogy Using  
Smart Tools**" held during **21.01.2022** to **28.01.2022** organized by **K.L.N. College of  
Engineering, Pottapalaiyam, Tamilnadu.**

A handwritten signature of the Director of the Federation of Indian Technical Education Council (FDC), AICTE, ND.

Director (FDC)  
AICTE, ND

A handwritten signature of the Executive Secretary of the Indian Society for Technical Education (ISTE), ND.

Executive Secretary  
ISTE, ND

A handwritten signature of the Program Coordinator of KLNCE, Pottapalaiyam.

Program Coordinator  
KLNCE, Pottapalaiyam

A handwritten signature of the Principal of KLNCE, Pottapalaiyam.

Principal  
KLNCE, Pottapalaiyam

# Certificate



This is to certify that **GOKULAN V P** has successfully completed the AICTE-ISTE approved Orientation/Refresher Programme on "*Advance pedagogy Using Smart Tools*" held during **21.01.2022** to **28.01.2022** organized by **K.L.N. College of Engineering, Pottapalaiyam, Tamilnadu.**

*[Signature]*  
Director (FDC)  
AICTE, ND

*[Signature]*  
Executive Secretary  
ISTE, ND

*[Signature]*  
Program Coordinator  
KLNCE, Pottapalaiyam

*[Signature]*  
Principal  
KLNCE, Pottapalaiyam



Affiliated to Anna University, Chennai; Approved by AICTE  
Chennai to Bangalore Highway, Irungattukottai, Sriperumbudur - 602 117

Department of Information Technology

## Certificate of Participation

This is to certify that

JAYAKUMAR S

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

has actively participated in Six Day Faculty Development Program, "Recent Trends On Healthcare Applications using Machine Learning", Conducted from 13<sup>th</sup> to 18<sup>th</sup> June, 2022 by the Department of Information Technology, Kings Engineering College, Chennai.

100

*D.V.P. Srinivasakumar, M.E., Ph.D.*

**Dr.G.Manikandan, M.E, Ph.D.** **Dr.T.John Oral Bhaskar, M.E, Ph.D.**

Made for free with Certify'Em

# MEPCO SCHLENK ENGINEERING COLLEGE (AUTONOMOUS)

SIVAKASI

## Bio Medical Engineering



One Week Online Faculty Development Programme

on

Recent Innovative Trends in Biomedical Engineering and Technology

December 13-17, 2021



## Certificate of Participation

This certificate is proudly presented to Mrs.G.SARANYA,Assistant Professor,SSM Institute of Engineering and Technology, Dindigul who has actively participated and completed One Week Online Faculty Development Programme on "Recent Innovative Trends in Biomedical Engineering and Technology" during December 13 - 17, 2021.

Dr. M.A.Femina  
Co-ordinator

Dr. D.Selvathi  
Co-ordinator

Dr.S.Arivazhagan  
Principal

# Certificate



This is to certify that **S.KARTHIK** has successfully completed the AICTE-ISTE approved Orientation/Refresher Programme on "*Advance pedagogy Using Smart Tools*" held during **21.01.2022** to **28.01.2022** organized by **K.L.N. College of Engineering, Pottapalaiyam, Tamilnadu.**

*[Signature]*  
Director (FDC)  
AICTE, ND

*[Signature]*  
Executive Secretary  
ISTE, ND

*[Signature]*  
Program Coordinator  
KLNCE, Portapalaiyam

*[Signature]*  
Principal  
KLNCE, Pottapalaiyam



Sponsor



# SNMV COLLEGE OF ARTS AND SCIENCE INSTITUTE OF MANAGEMENT ( SHRI NEHRU MAHA VIDYALAYA )

Estd : 1989

Estd.: 1964

Re-Accredited with 'A' Grade by NAAC

Approved by AICTE New Delhi & Affiliated to Bharathiar University

Shri Gambhiranand Bafna Nagar, Malumachampatti, Coimbatore-50, Ph: 0422-2610894/895, Website: www.snmv.ac.in, Email: response@snmv.ac.in



Certificate Id : snmvcas-8-FDP - 368

8 DAYS  
FDP

Sangeetha R

## SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

has participated in the 8 Days Faculty Development Program on "Adoptive Approaches for Modern Teaching and Research" organized by the Centre for Research and Development & Institution's Innovation Council from 15/11/21 to 23/11/21.

Dr. R. Bhakyaraj  
Convenor

Dr. B. Subramani  
Principal



## SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi/Affiliated to Anna University, Chennai/Accredited by NAAC)  
Dindigul - Palani Highway, Dindigul 624 002

## FACULTY INDUCTION PROGRAM – FIP 2021

(Conducted by Internal Quality Assurance Cell  
&  
Organized by the Department of Automobile Engineering)

### CERTIFICATE OF PARTICIPATION

This is to certify that .....  
**Ms . R. SANGEETHA , Assistant Professor**  
**Department of Electronics and Communication Engineering, SSM IET, Dindigul**

has participated in the Six days "FACULTY INDUCTION PROGRAM" conducted by Internal Quality Assurance Cell from 18.10.2021 to 23.10.2021.

FIP Coordinator  
(Dr.K.A.Sundaraman)  
Prof. & Head /Auto

IQAC coordinator  
(Dr.V.Shunmughavel)  
Prof. & Head /CSE

Principal  
(Dr.D.Senthil Kumaran)



UIC

Ref.no: EICT/119/2021-22/FFDP/OL/070

Electronics & ICT Academy  
Approved by Ministry of Electronics and Information Technology (MeitY), Govt. of India  
Indian Institute of Technology Guwahati

# Certificate of Participation

This is to certify that

Mrs.S.Abirami

of.....  
SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

has participated in the One-Week Online Faculty Development Programme on “IoT and its Application in  
organized by E&ICT Academy IIT Guwahati held from 21 to 26 March, 2022 in association  
with Department of Instrumentation and USIC, Gauhati University and support from Uniconverge  
Technologies Pvt. Ltd.

Gaurav Trivedi  
Dr. Gaurav Trivedi  
P.I. E&ICT Academy  
Indian Institute of Technology  
Guwahati

Dr. Pranjal Borah  
Coordinator and Assistant Professor,  
Department of Instrumentation and USIC, Gauhati University  
Guwahati

Mr. Kaushlendra Singh Sisodia  
Director  
Uniconverge Technologies Pvt. Ltd.,  
New Delhi



# Certificate



This is to certify that K DIVYA has successfully completed the AICTE-ISTE approved Orientation/Refresher Programme on “*Advance pedagogy Using Smart Tools*” held during 21.01.2022 to 28.01.2022 organized by K.L.N. College of Engineering, Pottapalaiyam, Tamilnadu.

Director (FDC)  
AICTE, ND

Executive Secretary  
ISTE, ND

Program Coordinator  
KLNCE, Pottapalaiyam

Principal  
KLNCE, Pottapalaiyam

21.01.2022

volodymyr

✓

✓



## SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi/Affiliated to Anna University, Chennai/Accredited by NAAC)  
Dindigul – Palani Highway, Dindigul 624 002

## FACULTY INDUCTION PROGRAM – FIP 2021

(Conducted by Internal Quality Assurance Cell  
&  
Organized by the Department of Automobile Engineering)

### CERTIFICATE OF PARTICIPATION

This is to certify that .....  
**Ms. R. VINOTHA , Assistant Professor**  
.....  
**Department of Electronics and Communication Engineering , SSM IET , Dindigul.**

has participated in the Six days “FACULTY INDUCTION PROGRAM” conducted by Internal Quality Assurance Cell from 18.10.2021 to 23.10.2021.

FIP Coordinator  
(Dr. K.A. Sundararaman)  
Prof. & Head /Auto

IQAC Coordinator  
(Dr. V. Shunmughavel)  
Prof. & Head /CSE

Principal  
(Dr. D. Senthil Kumaran)



# Velammal College of Engineering and Technology

An Autonomous Institution Accredited by NBA, Accredited by NAAC with 'A' Grade,  
Categorized as 'BAND A' institution in ARIA 2020

## Three day Online Faculty Development Program

In Association with

**Intel Technology India Pvt Ltd**

### Certificate of Participation

This is to certify that

**Dr. M. JEYALAKSHMI, SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY**

has participated in the Three day Online Faculty Development Program on "Embedded System Design Methodologies using Intel FPGA" organized by the Department of Electronics and Communication Engineering, Velammal College of Engineering and Technology in association with Intel Technology India Pvt Ltd from **15/12/2021 to 17/12/2021.**

**Coordinator**

Dr. P. Karthikeyan, ASP/ECE

**Convenor**

Dr. S. Vasuki, HOD/ECE

**Principal**  
Dr. N. Suresh Kumar



# Velammal College of Engineering and Technology

An Autonomous Institution Accredited by NBA, Accredited by NAAC with 'A' Grade,  
Categorized as 'BAND A' institution in ARRA 2020

## Three day Online Faculty Development Program

In Association with

**Intel Technology India Pvt Ltd**

## Certificate of Participation

This is to certify that

**Mr. S.JAYAKUMAR, SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY**

has participated in the Three day Online Faculty Development Program on "**Embedded System Design Methodologies using Intel FPGA**" organized by the **Department of Electronics and Communication Engineering**, Velammal College of Engineering and Technology in association with **Intel Technology India Pvt Ltd** from **15/12/2021 to 17/12/2021.**

**Convenor**

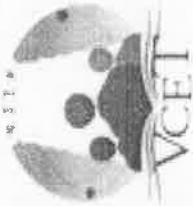
Dr. S. Vasuki, HOD/ECE

**Principal**

Dr. N. Suresh Kumar

**Coordinator**

Dr. P. Karthikeyan, ASP/ECE



# Velammal College of Engineering and Technology

An Autonomous Institution Accredited by NBA, Accredited by NAAC with 'A' Grade,  
Categorized as 'BAND A' institution in ARIIA 2020

## Three day Online Faculty Development Program

In Association with

**Intel Technology India Pvt Ltd**

## Certificate of Participation

This is to certify that

**Mr. KARTHIK S, SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY**

has participated in the Three day Online Faculty Development Program on "Embedded System Design Methodologies using Intel FPGA" organized by the **Department of Electronics and Communication Engineering**, Velammal College of Engineering and Technology in association with **Intel Technology India Pvt Ltd** from **15/12/2021 to 17/12/2021.**

*(Handwritten Signature)*

Coordinator

Dr. P. Karthikeyan, ASP/ECE

Convener

Dr. S. Vasuki, HOD/ECE

Principal

Dr. N. Suresh Kumar

**ACADEMIC YEAR 2020-2021**

**6.3.3 Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years**

**ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT**

**ACADEMIC YEAR 2020 - 2021**

S. No	Faculty Name	Designation	Name of FDP/ professional development /administrative training programs	Venue	Duration (from – to) (DD-MM-YYYY)
1	Dr.S.Karthigai Lakshmi	Professor & Head	Two weeks online FDP on computer vision and image processing:Research issues ,innovation and Application AICTE sponsored STTP on "Research Aspects on Deeplearning in Image and Video Processing"	PSNA College of Engineering and Technology, Dindigul.	30-12-2020 to 13-01-2021
2	Dr.G.Mohan Babu	Associate Prof.	AICTE Training And Learning (ATAL) Academy Online FDP on "Artificial Intelligence,Machine learning and Deep learning"	VIT,Chennai	01-12-2020 to 07-12-2020
3	Dr.C.Sujatha	Associate Prof.	ATAL FDP on "IoT"  Two weeks online FDP on computer vision and image processing:Research issues ,innovation and Application STTP on "Emerging trends and Research Challenges in Next generation Wireless networks" AICTE sponsored STTP on "Research Aspects on Deeplearning in Image and Video Processing" AICTE sponsored one week STTP on "Wireless Communications and Machine Learning Algorithms" Five days Faculty Development Programme on "Machine Learning in Research Perspective" AICTE Training And Learning (ATAL) Academy Online FDP on "Artificial Intelligence,Machine learning and Deep learning"	Karpagam college of Engineering Dr.Mahalingam College of Engineering and Technology,Pollachi PSNA College of Engineering and Technology, Dindigul.	02-02-2021 to 06-02-2021 14-09-2020 to 18-09-2020 30-12-2020 to 13-01-2021 22-02-2021 to 27-02-2021 01-12-2020 to 07-12-2020 27-07-2020 to 01-08-2020 18-07-2020 to 22-07-2020 02-02-2021 to 06-02-2021
4	Dr.K.Vinothkumar	Associate Prof.	STTP on "Data Analytics in Biomedical Engineering " Seven days STTP on "Cyber security and Block -chain Technologies MWS Tool"	Karpagam Academy of Higher Education,Coimbatore Guru Nanak Institutions Technical Campus,Telegana	14-12-2020 to 19-12-2020 26-10-2020 to 31-10-2020
5	Dr.K.Rajesh	Assistant Prof	Workshop on "Design of Microwave Components and Antenna Using CST AICTE sponsored Six days STTP on "Emerging Trends and Research Challenges in Next Generation Wireless Networks"" AICTE Training And Learning (ATAL) Academy Online FDP on "Smart cities"	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai. Kongunadu College of Engineering and Technology	28-12-2020 to 30-12-2020 15-03- 21 to 20-3-21 01-02-2021 to 05-02-2021

		AICTE sponsored STTP on "Research Aspects on Deep learning in Image and Video Processing"	VIT,Chennai	01-12-2020 to 07-12-2020
6	A.Geetha	Six days STTP programme on Artificial intelligence and Deep learning for computational biology	PSNA college of Engineering and technology	2-11-2020 to 7-11-2020
		AICTE Training And Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)"	THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-625 015.	19-10-2020- to 23-10-2020
7	M.Jeyalakshmi	Workshop on "Design of Microwave Components and Antenna Using CST MWS Tool"	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai,	28-12-2020 to 30-12-2020
8	V.P.Jay Fantin	AICTE sponsored online QIP on "IoT enabled 5-G Networks infrastructure and Security"	IIT,BanarasHindu University	25-01-2021 to 30-01-2021
9	S.Dhamodharan	AICTE Training And Learning (ATAL) Academy Online FDP on "Quantum Computing"	Sathyabama institute of science and technology ,Chennai.	18-01-2021 to 22-01-2021
10	R.Carol Praveen	Training program on "Future Scope of Engineering in Global development"	VCET	27-07-2020 to 31-07-2020
11	M.Manikandan	FDP on "Sensor Technology"	Thiyagarajar Polytechnic College,Madurai.	07-12-2020 to 11-12-2020
12	R.Senthil Kumar	FDP on "Emotional Intelligence"	NITTTR,Chennai	07-06-2021 to 11-06-2021
13	M.Premkumar	AICTE Training And Learning (ATAL) Academy Online FDP on "Cyber security"	St.Joseph College of Engineering	18-01-2021 to 22-01-2021
		AICTE Training And Learning (ATAL) Academy Online FDP on "Cyber security"	Sastru Deemed University	23-02-2021 to 27-02-2021
		AICTE Training And Learning (ATAL) Academy Online FDP on "Cyber security"	St.Joseph College of Engineering	18-01-2021 to 22-01-2021
		Anna university Sponsored FDP on "EC-8702 Adhoc and WSN"	PSNACET,Dindigul.	31-05-2021 to 05-06-2021
		ATAL FDP on "IoT"	Dr.Mahalingam College of Engineering and Technology,Pollachi	14-09-2020 to 18-09-2020
		FDP on "Emerging trends in Robotics and Application"	PSNACET,Dindigul.	09-09-2020 to 13-09-2020
		ATAL FDP on "Bio Medical Instrumentation and IoT"	Sri Krishna College of Technology	21-09-2020 to 25-09-2020
		International FDP on "Emerging Trends & Technologies in Data Science"	GMR Institute of Technology,Andrapradesh	24-08-2020 to 29-08-2020

14	J.Vetrimanikumar	Assistant.Prof	AICTE sponsored STTP on "Research Aspects on Deep learning in Image and Video Processing" Six days STTP programme on Artificial intelligence and Deep learning for computational biology Anna university Sponsored FDP on "EC-8702 Adhoc and WSN"	VIT,Chennai PSNA college of Engineering and technology	01-12-2020 to 07-12-2020 2-11-2020 to 7-11-2020
15	K.S.Arunkumar	Assistant.Prof	Workshop on "Design of Microwave Components and Antenna Using CST MWS Tool"	PSNACET,Dindigul. Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai,	31-05-2021 to 05-06-2021
16	S.Jayakumar	Assistant.Prof	ATAL FDP on "Cyber Security"	St.Josephs College of Engineering PSNACET,Dindigul.	18-01-2021 to 22-01-2021 31-05-2021 to 05-06-2021
17	V.Jeevanantham	Assistant.Prof	Anna university Sponsored FDP on "EC-8702 Adhoc and WSN" AICTE MHRD sponsored STTP on "Design and Simulation of Miniature Antenna Design for IoT Applications"	MVGR college of Engineering Dr.Malalingam College of Engineering and Technology,Pollachi	29-06-2020 to 04-07-2020 14-09-2020 to 18-09-2020
18	S.R.Ashokkumar	Assistant.Prof	ATAL FDP on "IoT"	Sri Krishna College of Technology Dr.Malalingam College of Engineering and Technology,Pollachi	21-09-2020 to 25-09-2020 14-09-2020 to 18-09-2020
19	G.Saranya	Assistant.Prof	ATAL FDP on "Bio Medical Instrumentation and IoT" FDP on "Emerging trends in Robotics and Application"	Dr.Malalingam College of Engineering and Technology Sri Krishna College of Technology PSNACET,Dindigul.	21-09-2020 to 25-09-2020 09-09-2020 to 13-09-2020
20	S.Karthik	Assistant.Prof	AICTE sponsored STTP on "Research Aspects on Deep learning in Image and Video Processing" ATAL FDP on "IoT"	VIT,Chennai Thiyagaraja College of Engineering,Madurai.	01-12-2020 to 07-12-2020 19-10-2020 to 23-10-2020
			ATAL FDP on "AI Machine Learning and Deep Learning"	Karpagam College of Engineering PSNACET,Dindigul.	02-02-2021 to 06-02-2021
			Anna university Sponsored FDP on "EC-8702 Adhoc and WSN"	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai.	31-05-2021 to 05-06-2021
			Workshop on "Design of Microwave Components and Antenna Using CST MWS Tool"	IIT,Varanasi	25-01-2021 to 30-01-2021
			AICTE sponsored Online QIP-short term course on "IOT enabled 5G Networks"	Thiyagaraja College of Engineering,Madurai.	19-10-2020 to 23-10-2020
			ATAL FDP on "IoT"	PSNA college of Engineering and technology	2-11-2020 to 7-11-2020
			Six days STTP programme on Artificial intelligence and Deep learning for computational biology		

		ATAL FDP on "IoT"	Thiyagaraja College of Engineering,Madurai.	19-10-2020 to 23-10-2020
		FDP on "Practical Approach to Antenna design and Analysis using Electro Magnetic Simulation Software"	Sreenithi Educational group,Hyderabad	23-11-2020 to 28-11-2020
		STTP on "IoT Technology Solution"	Walchand College of Engineering,Sangli,Pune	14-12-2020 to 18-12-2020
21	A.Parameswari	Workshop on "Design of Microwave Components and Antenna Using CST MW S Tool"	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology,Avadi,Chennai.	28-12-2020 to 30-12-2020



# PSNA

## COLLEGE OF ENGINEERING & TECHNOLOGY

Dindigul-624 622. Tamil Nadu.

0451-2554411 / 2554032 contact@psnacet.edu.in www.psnacet.edu.in

Estd : 1984

Kalai R. Thirumalai  
Tamil R.S. Mothandiran  
Founder

27 YEARS  
UNBROKEN  
ACADEMIC  
EXCELLENCE



Certificate ID: AICTE/FDP/CVIP/042



## Department of Electronics and Communication Engineering

## CERTIFICATE OF PARTICIPATION

This is to certify that

**Dr.S.Karthigai Lakshmi-Professor/ECE**

## **SSM Institute of Engineering & Technology, Dindigul**

has actively participated in the AICTE - QIP Sponsored

Two Weeks Online Faculty Development Programme on

Computer Vision and Image Processing : Research issues, Innovation and Application  
conducted by the Department of Electronics and Communication Engineering,  
PSNA College of Engineering and Technology, Dindigul, during 30.12.2020 to 13.01.2021 (Phase I)

Course Co-ordinator

Dr. V. Magudeeswaran Asso. Prof / ECE

Convenor

Dr. G. ATHISHA Prof & Head / ECE



**VELAMMAL**

**INSTITUTE OF TECHNOLOGY**

Approved by AICTE - New Delhi, Affiliated to Anna University - Chennai.

All programs Accredited by NBA and NAAC.

Velammal Knowledge Park, Chennai - 600126, Highways, Poonamparampattu, Poonamparampattu - 600126.



## **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**AICTE SPONSORED ONLINE SHORT TERM TRAINING PROGRAMME(STTP) ON**

**Research Aspects on Deep Learning in Image and Video Processing**

*This is to certify that Dr.S.KARTHIGAI LAKSHMI, PROFESSOR of SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY as participated in the AICTE sponsored STTP on " Research Aspects on Deep Learning in Image and Video Processing - I" Organized by the Department of Electronics and Communication Engineering held from 01.12.2020 to 07.12.2020.*

  
Dr. M. Sivarathinabala  
Coordinator

  
Dr. B. Sridevi  
Convenor & HOD-ECE

  
Dr. S. Soundararajan  
Principal



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

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

### AICTE Training And Learning (ATAL) Academy

#### Certificate

This is certified that S.Karthigai Lakshmi, Professor of SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Artificial Intelligence, machine Learning and Deep Learning" from 2021-2-2 to 2021-2-6 at Karpagam college of engineering.



Director ATAL Academies

Coordinator



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

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

## AICTE Training And Learning (ATAL) Academy

### Certificate

This is certified that Mohanbabu, Associate Professor of SSM Institute of Engineering and Technology participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on Internet of Things (IoT) from 2020-9-11 to 2020-9-18 at Dr MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY



Director ATAL Academies

Coordinator

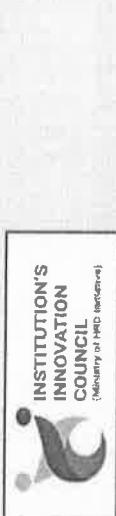


# PSNA

**COLLEGE OF ENGINEERING & TECHNOLOGY**

9 Dindigul-624 622, Tamil Nadu. ☎ 0451-2554411 / 2554032 ☐ contact@psnacet.edu.in ☒ www.psnacet.edu.in

Kala Thamizh  
Thiru. A.S. Krishnamurthy  
Founder



Certificate ID: AICTE/FDP/CVIP/042



**Department of Electronics and Communication Engineering**

## **CERTIFICATE OF PARTICIPATION**

This is to certify that

**Dr.C.Sujatha - Associate Professor/ECE**

**SSM Institute of Engineering & Technology, Dindigul**

has actively participated in the AICTE - QIP Sponsored  
**Two Weeks Online Faculty Development Programme on**  
**Computer Vision and Image Processing : Research issues, Innovation and Application**  
conducted by the Department of Electronics and Communication Engineering,  
PSNA College of Engineering and Technology, Dindigul, during 30.12.2020 to 13.01.2021 (Phase I)

Course Co-ordinator

**Dr. V. Magudeeswaran Asso. Prof / ECE**

Convener

**Dr. G. ATHISHA Prof & Head / ECE**

**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**  
Sponsored Six Days Short Term Training Programme (STTP) On  
“Emerging Trends and Research Challenges in Next Generation  
Wireless Networks”



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
**Kongunadu College of Engineering and Technology**  
(Autonomous)

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai, Accredited by NBA (CSE, ECE & EEE) & NAAC with B++ Grade, Recognized by UGC with 2(f) & 12(B) and ISO 9001:2015 Certified Institution.  
Namakkal –Trichy, Main Road, Thottiam, Trichy-621215

**CERTIFICATE OF PARTICIPATION**

This is to certify that Dr C SUJATHA, Associate Professor of SSM Institution of Engineering and Technology has attended six days online Short Term Training Programme on “**Emerging Trends and Research Challenges in Next Generation Wireless Networks**” organized by Department of Electronics & Communication Engineering, Kongunadu College of Engineering and Technology, Trichy from 22.02.2021 to 27.02.2021.

The handwritten signature of Dr. M. Dharmalingam, followed by his title.  
**Dr.M.Dharmalingam  
HOD / ECE**

The handwritten signature of Dr. R. Asokan, followed by his title.  
**Dr.R.Asokan  
Principal**



**VELAMMAL**  
INSTITUTE OF TECHNOLOGY  
Approved by AICTE - New Delhi. Affiliated to Anna University - Chennai.  
All Programs Accredited by NBA and NAAC  
Autonomous Status - Chennai - Kanchipuram - Madurai - Tiruchirappalli - Coimbatore

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### AICTE SPONSORED ONLINE SHORT TERM TRAINING PROGRAMME(STTP) ON

#### Research Aspects on Deep Learning in Image and Video Processing

*This is to certify that Dr.C.SUJATHA, ASSOCIATE PROFESSOR of SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY as participated in the AICTE sponsored STTP on "Research Aspects on Deep Learning in Image and Video Processing - I" Organized by the Department of Electronics and Communication Engineering held from 01.12.2020 to 07.12.2020.*

*M. Sivaranibala*  
Dr.M.Sivarathinabala  
Coordinator

*B. Sridevi*  
Dr.B.Sridevi  
Convener & HOD-ECE

*S. Soundararajan*  
Dr.S.Soundararajan  
Principal



# VARDHAMAN COLLEGE OF ENGINEERING

Autonomous Institute, affiliated to JNTUH



## ONE WEEK ONLINE STTP ON

### Wireless Communications and Machine Learning Algorithms

### Participation Certificate

This is to certify that **Dr. C.SUJATHA, Professor**

from **SSM Institute of Engineering and Technology, Dindigul**

has participated in AICTE sponsored one week online Short Term Training Programme (STTP) on  
“Wireless Communications and Machine Learning Algorithms” organized by Department of  
Electronics and Communication Engineering, Vardhaman College of Engineering (Autonomous),  
Hyderabad from 27<sup>th</sup> July - 1<sup>st</sup> August, 2020

  
**Dr. G.A.E. Satish Kumar**  
Coordinator

  
**Dr. S. Sai Satyanarayana Reddy**  
Principal



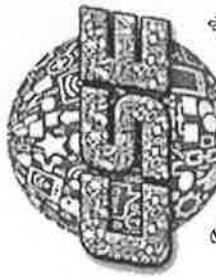
We Make You Shine

# St. Joseph's Institute of Technology

(St. Joseph's Group of Institutions)

OMR, Chennai - 119

We Exist Everywhere



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (NBA Accredited)

### Certificate of Participation

This is to certify that Mr./Ms. \_\_\_\_\_, from \_\_\_\_\_  
SSM Institute of Engineering and Technology Dindigul \_\_\_\_\_ has participated in the  
days Online Faculty Development Program on "Machine Learning In Research  
perspective", Organized by the Department of Computer Science and Engineering,  
Joseph's Institute of Technology from 18<sup>th</sup> to 22<sup>nd</sup> of July 2020.

Sincere regards

**Afni Rose M.E, Ph.D.,**

HOD, CSE

**Dr P Ravichandran M.Tech, Ph.D.,**

Principal



No:ATAL/2020/1608803322

## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

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

AICTE Training And Learning (ATAL) Academy

### Certificate

This is certified that C.Sujatha, Associate Professor of SSM Institute of Engineering and Technology participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Artificial Intelligence, machine Learning and Deep Learning" from 2021-2-2 to 2021-2-6 at Karpagam college of engineering.



Director ATAL Academies

Coordinator



## KARPAGAM ACADEMY OF HIGHER EDUCATION

(Deemed to be University)  
(Established Under Section 3 of UGC Act, 1956)  
Coimbatore - 641021, Tamil Nadu.

### FACULTY OF ENGINEERING Department of Biomedical Engineering

AICTE Sponsored six days online Short Term Training Programme

on

### DATA ANALYTICS IN BIOMEDICAL ENGINEERING

---

# CERTIFICATE

of

## PARTICIPATION

---

This is to certify that Dr./Mr./Ms. .... **K.Vinoth Kumar**

of ..... **SSM Institute of Engineering and Technology** ..... has participated in  
AICTE Sponsored six days online Short Term Training Programme organized by  
Department of Biomedical Engineering , Faculty of Engineering, Karpagam Academy of  
Higher Education from 14<sup>th</sup> to 19<sup>th</sup> December, 2020.

Handwritten signature of Dr. S. Kamalraj.

**Dr. S. Kamalraj**  
STTP CHAIR

Handwritten signature of Dr. G. K. D. Prasanna Venkatesan.

**Dr. G. K. D. Prasanna Venkatesan**  
CONVENOR

Handwritten signature of Dr. M. Palaniswamy.

**Dr. M. Palaniswamy**  
REGISTRAR

# GURU NANAK INSTITUTIONS TECHNICAL CAMPUS

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(NAAC A+ & NBA Accredited) (Approved by AICTE New Delhi, Affiliated to JNTU Hyderabad)  
Campus: Ibrahimpatnam, R.R. District, Hyderabad-501 506, Telangana.



## AICTE Sponsored

### ONLINE SHORT TERM TRAINING PROGRAMME (STTP) (Phase - I) ON Cyber SECURITY & Block-Chain Technologies

#### e-CERTIFICATE



This is to certify that Dr. / Mr. / Ms. K. Vinoth Kumar \_\_\_\_\_ of \_\_\_\_\_

SSM Institute of Engineering and Technology \_\_\_\_\_ has participated in an AICTE sponsored one week

Online Short Term Training Programme on "Cyber Security & Block-Chain Technologies" organized by

Department of Computer Science Engineering, GNITC from 26<sup>th</sup> October to 31<sup>st</sup> October 2020.

**Dr. Rishi Sayai**  
Convenor  
Associate Director

**Dr. M. Ramalinga Reddy**  
Co-Chairman  
Director

**Dr. H. S. Saini**  
Chairman  
Managing Director

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- Guru Nanak Institute of Engineering & Technology (Nagpur)
- Guru Nanak Institute of Engineering & Management (Nagpur)

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## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Sponsored Six Days Short Term Training Programme (STTP) On  
“Emerging Trends and Research Challenges in Next Generation  
Wireless Networks”  
Organized by



## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING Kongunadu College of Engineering and Technology (Autonomous)

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai, Accredited by NBA (CSE, ECE & EEE) & NAAC with B++ Grade, Recognized by UGC with 2(f) & 12(B) and ISO 9001:2015 Certified Institution.  
Namakkal – Trichy, Main Road, Thottiam, Trichy-621215

### CERTIFICATE OF PARTICIPATION

This is to certify that Dr K.RAJESH, Assistant Professor of SSM Institute of Engineering and Technology has attended six days online Short Term Training Programme on “**Emerging Trends and Research Challenges in Next Generation Wireless Networks**” organized by Department of Electronics & Communication Engineering, Kongunadu College of Engineering and Technology, Trichy from 15.03.2021 to 20.03.2021.

Dr. M. Dharmalingam  
HOD / ECE

A handwritten signature in black ink, appearing to read "R. Asokan".

Dr.R.Asokan  
Principal



No.ATAL/2020/1607346181



**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**  
Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

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

**Certificate**

This is certified that K.RAJESH, Assistant Professor of SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Smart Cities" from 2021-2-1 to 2021-2-5 at Vellore Institute of Technology.



Director ATAL Academies

Coordinator



**VELAMMAL**

**INSTITUTE OF TECHNOLOGY**

Approved by AICTE - New Delhi, Affiliated to Anna University - Chennai.

All Programs Accredited by NBA and NAAC.

"Velammal Knowledge Park", Chennai - K.K. Edits, Silamban, Partner - SGTB2024



## **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

### **AICTE SPONSORED ONLINE SHORT TERM TRAINING PROGRAMME(STTP) ON**

#### **Research Aspects on Deep Learning in Image and Video Processing**

*This is to certify that Mrs. A.GEETHA, ASSISTANT PROFESSOR of SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY as participated in the AICTE sponsored STTP on " Research Aspects on Deep Learning in Image and Video Processing - I" Organized by the Department of Electronics and Communication Engineering held from 01.12.2020 to 07.12.2020.*

*M. Sivaranibala*

Dr.M.Sivaranibala  
Coordinator

*B. Sridevi*

Dr.B.Sridevi  
Convener & HOD-ECE

*S. Soundarajan*

Dr.S.Soundarajan  
Principal



# PSNA

## COLLEGE OF ENGINEERING & TECHNOLOGY

• Dindigul-624 622, Tamil Nadu. • 0451-2554411 / 2554032 • contact@psnacet.edu.in • www.psnacet.edu.in



**Department of Computer Science and Engineering  
AICTE (All India Council for Technical Education)**

# CERTIFICATE

## OF PARTICIPATION

This is to certify that **A. GEETHA**, Assistant Professor  
From **SSM Institute of Engineering and Technology**  
has participated in the AICTE sponsored online Six days short term training  
programme on **Artificial Intelligence and Deep Learning for  
Computational Biology** from 2<sup>nd</sup> to 7<sup>th</sup> November 2020.

**K. M&**  
Moderator  
**Dr. K. Manivannan**  
Associate Professor / CSE

**J. Raja**  
Coordinator  
**Dr. J. Benedict Raja**  
Associate Professor / CSE

**D. Shanthi**  
Convenor  
**Dr. D. Shanthi**  
HOD / CSE





# MALLA REDDY ENGINEERING COLLEGE FOR WOMEN

Autonomous Institution, UGC, Govt. of India

Accredited by NBA & NAAC with 'A' Grade | NIRF Indian Ranking , Accepted by MHRD Govt. of India

Permanently Affiliated to JNTUH, Approved by AICTE, ISO 9001: 2015 Certified Institution

Maisammaguda, Dhulapally, Secunderabad-500100



## AICTE SPONSORED ONE WEEK SHORT TERM TRAINING PROGRAMME ON

(Ref.No. 34-65/162/RIFD/STTP/Policy-1/2018-19)

### PREDICTIVE ANALYTICS USING MACHINE LEARNING WITH PYTHON

#### Certificate of Participation

This is to certify that

**Mrs.A GEETHA**

of SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

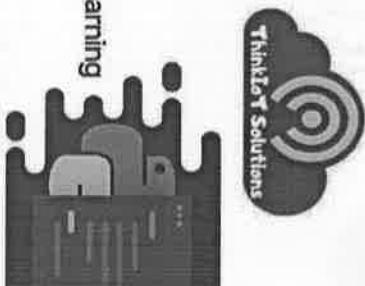
has successfully completed

"ONE WEEK STTP ON PREDICTIVE ANALYTICS USING MACHINE LEARNING WITH PYTHON"

organized by Malla Reddy Engineering College for Women during

10<sup>th</sup> to 16<sup>th</sup> August, 2020.

Participant ID: 4MRECWSSTP089



---

Coordinator

---

Dr. Y. Madhavie Latha

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

No:ATAL/2020/1600662333



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

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

### AICTE Training And Learning (ATAL) Academy

#### Certificate

This is certified that A.Geetha, Assistant Professor of SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)" from 2020-10-19 to 2020-10-23 at THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-625 015.



Director ATAL Academies

Coordinator



**Vel Tech**  
Rangarajan Dr. Sagunthala  
R&D Institute of Science and Technology  
(Deemed to be University Estd. w/s 3 of UGC Act, 1956)

**SCHOOL OF ELECTRICAL & COMMUNICATION  
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

**Certificate of Participation**

This is to certify that

Mrs. GEETHAA A, Asst. Prof./ ECE

SSM Institute of Engineering and Technology

has participated in the **Online Workshop on “Design of Microwave Components and Antenna Using CST MWS Tool”** conducted in association with Tekniknow Technologies, Chennai, organized by the Communication Systems Group of ECE Department, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai, during 28 – 30 December 2020

Dr. R. S. Valarmathi  
HOD-ECE

Dr. V. Jayasankar  
DEAN-SOEC

Dr. A. T. Ravichandran  
DEAN ACADEMICS

# RAMCO INSTITUTE OF TECHNOLOGY

Approved by AICTE, Newdelhi & Affiliated to Anna University  
NAAC Accredited, An ISO 9001:2015 Certified Institution



INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of HRD Initiative)

## Certificate of Participation

THIS IS PRESENTED TO

A.GEETHA

Assistant professor, ECE

**SSM Institute of Engineering and Technology, Dindigul**

for actively participating workshop titled "**“IoT using Raspberry Pi for Beginners”**" organized by Department of Mechanical Engineering in association with the Institution of Engineers, India student chapter, RIT - IIC & ARC-RIT on 08.01.2021.

**ARC**



Certificate ID: RIT/MECH/IE/E15/IOTRB20095

\*\*E-certificate, No signature required\*\*



भारतीय  
प्रौद्योगिकी  
संस्थान  
इन्हीं द्वारा संचालित



INDIAN  
INSTITUTE OF  
TECHNOLOGY  
BANARAS HINDU UNIVERSITY



## Certificate of Participation

This is to certify that **M. Jeyalakshmi** of **SSM Institute of Engineering and Technology, Dindigul** has participated in the AICTE Sponsored Online QIP- Short term course on **"IoT-enabled 5G Networks: Infrastructure and Security"**

Jointly organized by  
Department of Computer Science & Engineering and  
Department of Electronics Engineering  
IIT (BHU), Varanasi during 25-30 January 2021.

Dr. Ajay Pratap  
Course Coordinator

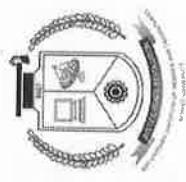
Dr. Mayank Swarnkar  
Course Co-coordinator

Dr. Kishor P. Sarawadekar  
Course Co-coordinator

Prof. B.K. Srivastava  
Coordinator, QIP & CEP

7. Write a program for interrupt performance characteristics in ARM processor.	Write a program for interrupt performance characteristics in FPGA with ARM processor.	Write a program for interrupt performance characteristics in ARM processor.
8. Write a program for interrupt performance characteristics in ARM processor.	Write a program for interrupt performance characteristics in ARM processor.	Write a program to generate PWM waveform using ARM processor.
9. Write a program to demonstrate interrupt mechanism, where the main program is to Flash the LEDs or to run the stepper motor continuously. When an external interrupt is asserted, the interrupt handler will stops the execution of main program, turns on the buzzer for two seconds, turns it off and then continue the running main program using suitable ARM Processor.	Write a program to demonstrate interrupt mechanism, where the main program is to Flash the LEDs or to run the stepper motor continuously. When an external interrupt is asserted, the interrupt handler will stops the execution of main program, turns on the buzzer for two seconds, turns it off and then continue the running main program using suitable ARM Processor.	Write a program to convert digital to analog signal using DAC of a RISC machine.
10. Write an Embedded 'C' program to write and read a data in EEPROM using an ARM processor.	a. Write a program to generate PWM waveform using ARM processor.	b. Write a program to convert digital to analog signal using DAC of a RISC machine.
11. Write a program to generate PWM waveform using ARM processor.	a. Write a program to generate PWM waveform using ARM processor.	Abhi is a tourist from USA to India. She decides to wear a digital watch designed to show the current time and date in Indian standard format. Write a program for a digital watch to set a local time in RTC, trigger RTC to run, read the current time and display the current time and date as per Abhi's requirement.
12. Abhi is a tourist from USA to India. She decides to wear a digital watch designed to show the current time and date in Indian standard format. Write a program for a digital watch to set a local time in RTC, trigger RTC to run, read the current time and display the current time and date as per Abhi's requirement.	13. Write a program to display "EXCELLENT", AND "COMMUNICATION" using ARM processor in Liquid Crystal Display.	14. Write a program for serial port interface using ARM processor.
15. Develop 'C' code to create Mailbox to send a block of message that can be used only a single message. The receive task has to print the four characters as a single string in a serial port window.		

No:ATAL/2020/1608796997



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

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

## AICTE Training And Learning (ATAL) Academy

### Certificate

This is certified that JEYALAKSHMI M, Assistant Professor of SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Quantum Computing" from 2021-1-18 to 2021-1-22 at Satyabama institute of science and technology.



Director ATAL Academies

Coordinator

**B.E / B.Tech. PRACTICAL END SEMESTER EXAMINATIONS**

Seventh Semester

**EC8711 EMBEDDED LABORATORY**

(Regulations 2017)

Time : 3 Hours

Answer any one Question

Max. Marks 100

Aim/Principle/Apparatus required/Procedure	Tabulation/Circuit/Program/Drawing	Calculation & Results	Viva-Voce	Record	Total
20	30	30	10	10	100

1.	Write a program for converting continuously varying analog signals into binary code for an on chip ADC.
2.	Write a program to generate ramp or square wave using on-chip DAC.
3.	Generate ramp or square wave for dimming the LED using PWM and DAC.
4.	Write a program to interface real time clock using I <sup>2</sup> c protocol.
5.	Write an embedded program for ARM microcontroller to read the key and display the status in LCD.
6.	Write a program to interface EEPROM using I <sup>2</sup> C protocol
7.	Implement a mailbox in Micro C/OS – II using ARM processor,
8.	Analyze how interrupt is handled in ARM processor and FPGA and give its performance characteristics
9.	Write an embedded program for ARM microcontroller to read the key and display the status in LED.
10.	Write an embedded program for ARM microcontroller to read the analog value from temperature sensor and display it.
11.	Write an embedded program for ARM microcontroller to interface stepper motor.
12.	Write an embedded program for ARM microcontroller to transfer data using Zigbee.

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**VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY**

(Autonomous)

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai )  
(Accredited by NAAC with 'A' Grade ) Thindal, Erode-638012, Tamilnadu, India

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
(ACCREDITED BY NBA)

**CERTIFICATE  
OF COMPLETION**

**THIS IS TO CERTIFY THAT**

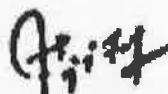
Mr.V. P. JAY FANTIN

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

HAS SUCCESSFULLY COMPLETED THE 5 DAYS NATIONAL LEVEL ONLINE  
INDUSTRIAL TRAINING PROGRAM ON

**" FUTURE SCOPE OF ENGINEERING  
IN GLOBAL DEVELOPMENT "**

ORGANIZED BY DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING,  
VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY, ERODE, TAMILNADU  
IN ASSOCIATION WITH PANTECH SOLUTIONS, CHENNAI DURING 27<sup>th</sup> TO 31<sup>st</sup> JULY 2020.



SRINIVASAN N.,  
DIRECTOR  
PANTECH SOLUTIONS



Dr. M. JAYARAMAN  
PRINCIPAL  
VELALAR COLLEGE OF ENGINEERING  
AND TECHNOLOGY, ERODE  
TAMILNADU



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

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

AICTE Training And Learning (ATAL) Academy

### Certificate

This is certified that Dhamodharan, Assistant Professor of SSM Institute of Engineering and Technology participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Sensors Technology" from 2020-12-7 to 2020-12-11 at Thiagarajar Polytechnic College.

*[Signature]*

Director ATAL Academies



*G. Sankar*

Coordinator



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

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

## AICTE Training And Learning (ATAL) Academy

### Certificate

This is certified that Dharmodharan, Assistant Professor of SSM Institute of Engineering and Technology participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "EMOTIONAL INTELLIGENCE" from 2021-06-07 to 2021-06-11 at NATIONAL INSTITUTE OF TECHNICAL TEACHERS TRAINING AND RESEARCH, CHENNAI.



Director ATAL Academies

No:ATAL/2021/1610091795



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

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

## AICTE Training And Learning (ATAL) Academy

### Certificate

This is certified that carol praveen, Assistant Professor of SSMIET participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Cyber Security" from 2021-1-18 to 2021-1-22 at St. Joseph's College of Engineering.



Director ATAL Academies

Coordinator

No:ATAL/2021/612420800



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

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

## AICTE Training And Learning (ATAL) Academy

### Certificate

This is certified that carol praveen, Assistant Professor of SSM Institute of Engineering and Technology participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)" from 2021-2-23 to 2021-2-27 at SASTRA Deemed University.



Director ATAL Academies

Coordinator



Rangarajan Dr. Sagunthala  
R&D Institute of Science and Technology  
(Deemed to be University Estd. 1963 by UGC Act 1956)

SCHOOL OF ELECTRICAL & COMMUNICATION  
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING  
**Certificate of Participation**

This is to certify that

Mr. CAROL PRAVEEN, Asst. Prof./ ECE  
SSM Institute of Engineering and Technology

has participated in the *Online Workshop on "Design of Microwave Components and Antenna Using CST MWS Tool"* conducted in association with Tekniknow Technologies, Chennai, organized by the Communication Systems Group of ECE Department, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai, during 28 – 30 December 2020

A handwritten signature in black ink, appearing to read "Dr. R. S. Valarmathi".

Dr. R. S. Valarmathi  
HOD-ECE

A handwritten signature in black ink, appearing to read "Dr. V. Jayasankar".

Dr. V. Jayasankar  
DEAN-SOEC

A handwritten signature in black ink, appearing to read "Dr. A. T. Ravichandran".

Dr. A. T. Ravichandran  
DEAN ACADEMICS

No:ATAL/2021/1610116241



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

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

## AICTE Training And Learning (ATAL) Academy

### Certificate

This is certified that M.Manikandan, Assistant Professor of SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Cyber Security" from 2021-1-18 to 2021-1-22 at St. Joseph's College of Engineering.



Director ATAL Academies

Coordinator

# CERTIFICATE



## CENTRE FOR FACULTY DEVELOPMENT

ANNA UNIVERSITY :: CHENNAI - 600 025

.....Mr.:R.:Senthil.kumaras.,,Assistant Professor.....

.....S.S.M.....Institute.....of.....Engineering.....at.....Technology.....Dindigul.....

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

.....E.C.....8.70.2.....Ad.hoc.....at.....Wireless.....Sensor.....Networks.....conducted in

ONLINE MODE by the Department of ..Electronics.....at.....Communication.....Engineering.....

at.....PGNA.....College.....of.....Engineering.....at.....Technology.....Dindigul.....

from .....31....05....2021.....to .....05....06....2021.....

COORDINATOR(S)  
with Name  
Dr. C. CHITRA

J. M.  
DIRECTOR  
CENTRE FOR FACULTY DEVELOPMENT

Rene Venkatesh  
REGISTRAR  
ANNA UNIVERSITY



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

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

AICTE Training And Learning (ATAL) Academy

### Certificate

This is certified that Premkumar M. Assistant Professor of SSM Institute of Engineering and Technology participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)" from 2020-9-14 to 2020-9-18 at Dr MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY.

Director ATAL Academies

Coordinator





# PSNA

## COLLEGE OF ENGINEERING & TECHNOLOGY



nirf



### Department of Electronics & Communication Engineering

## CERTIFICATE OF APPRECIATION

*This is to certify that*

**Mr. M. PREMKUMAR**

of

**SSM Institute of Engineering and Technology**

has participated and successfully completed the

6 Days Online Short Term Training Program (STTP) on

the topic "Emerging Trends in Robotics and its Applications" from 09.09.2020 to 14.09.2020

organized by the Department of Electronics & Communication Engineering

of PSNA College of Engineering and Technology, Dindigul.

GENESIS

PANTech LEARNING

Robotex

DOOZY

NoviTech

Co-ordinator  
Mr. R. Saravanan  
Asst. Prof / ECE

Co-ordinator  
Dr. J. Booma  
Asst. Prof / ECE

Co-ordinator  
Dr. M. Deivakani  
Asst. Prof / ECE

Convenor  
Dr. G. Athisha  
Prof & Head / ECE



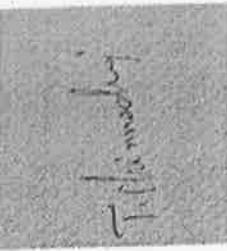
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION  
Nelson Mandela Marg, Vasant Kunj, New Delhi - 110 070

## AICTE Training And Learning (ATAL) Academy

### Certificate

This is certified that Premkumar M, Assistant Professor of SSM Institute of Engineering and Technology participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Biomedical Instrumentation & IoT" from 2020-9-21 to 2020-9-25 at Sri Krishna College of Technology.

Director ATAL Academies



Coordinator



**GMR Institute of Technology**  
An Autonomous Institute Affiliated to JNTUK Kakinada

Training Tomorrow's  
Engineers Today

(Accredited by NBA, NAAC with 'A' grade and ISO 9001:2008 Certified Institution)

This is to certify that

Mr. M. Premkumar

Assistant Professor/ECE

SSM Institute of Engineering and Technology, Dindigul

has Participated in One Week International Faculty Development Programme on

Emerging Trends & Technologies in Data Science

Organized by Department of Computer Science and Engineering,

GMR Institute of Technology, Rajam, Andhra Pradesh during 24<sup>th</sup> – 29<sup>th</sup> August 2020.

11

<b>Dr. A.V. Ramana</b> Convenor, HOD -CSE	<b>Dr. J. Raja Murugadoss</b> Vice Principal	<b>Dr. C.L.V.R.S.V. Prasad</b> Principal
--	---	---



**VELAMMAL**  
INSTITUTE OF TECHNOLOGY  
Approved by AICTE - New Delhi, Affiliated to Anna University - Chennai.  
All Programs Accredited by NBA and NAAC

Government Knowledge Park - Chengalpattu - Tamil Nadu - Pincode - 602105 - GDR2054



NBA  
TECHNICAL EDUCATION  
ACCREDITATION COUNCIL



AICTE  
TECHNICAL EDUCATION  
ACCREDITATION COUNCIL

## **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

### **AICTE SPONSORED ONLINE SHORT TERM TRAINING PROGRAMME(STTP) ON**

#### **Research Aspects on Deep Learning in Image and Video Processing**

*This is to certify that Mr. VETRIMANIKUMAR.J, ASSISTANT PROFESSOR of SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY,DINDIGUL-PALANI HIGHWAY,DINDIGUL-624002 as participated in the AICTE sponsored STTP on "Research Aspects on Deep Learning in Image and Video Processing - I" Organized by the Department of Electronics and Communication Engineering held from 01.12.2020 to 07.12.2020.*

*Dr.M.Sivarathinabala  
Coordinator*

*B. Sridevi  
Convener & HOD-ECE*

*Drs.Soundararajan  
Principal*



# PSNA COLLEGE OF ENGINEERING & TECHNOLOGY

• Dindigul-624 622, Tamil Nadu. • 0451-2554411 / 2554032 • contact@psnacet.edu.in • www.psnacet.edu.in



Kali Thanthai  
Thiru. R.S. Kothandaraman  
Founder



**Department of Computer Science and Engineering  
AICTE (All India Council for Technical Education)**

## CERTIFICATE OF PARTICIPATION

This is to certify that **J. VETRIMANIKUMAR**, Assistant Professor  
From .....  
has participated in the AICTE sponsored online Six days short term training  
programme on **Artificial Intelligence and Deep Learning for  
Computational Biology** from 2<sup>nd</sup> to 7<sup>th</sup> November 2020.

**K. M&**  
Moderator  
**Dr. K. Manivannan**  
Associate Professor / GSE

Coordinator  
**Dr. J. Benedict Raja**  
Associate Professor / GSE

**D. Shanthi**  
Convenor  
**Dr. D. Shanthi**  
HOD / CSE



# CERTIFICATE



## CENTRE FOR FACULTY DEVELOPMENT

ANNA UNIVERSITY :: CHENNAI - 600 025

Mr. T. Vetrivani. Kumar...Assistant Professor....  
S8M...Institute...of...Engineering...&...Technology...Dindigul.....  
took part in the six-day Faculty Development Training Programme on  
Ec...&...Adhoc...Wireless.Sensor...Networks.....conducted in  
ONLINE MODE by the Department of Electronics & Communication Engineering.  
at P.S.N.A...College...of...Engineering...&...Technology...Dindigul.....  
from ...31.05.2021... to ...05.06.2021.....

X  
COORDINATOR(S)  
with Name  
Dr. C. Chitra

REGISTRAR  
ANNA UNIVERSITY

DIRECTOR  
CENTRE FOR FACULTY DEVELOPMENT



**Vel Tech**

Rangarajan Dr. Sagunthala  
R&D Institute of Science and Technology  
(Deemed to be University Estd. w.e.f 1956)

**SCHOOL OF ELECTRICAL & COMMUNICATION  
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

**Certificate of Participation**

This is to certify that

Mr. VETRUMANIKUMAR.J, Asst. Prof./ ECE  
SSM Institute of Engineering and Technology

has participated in the Online Workshop on “**Design of Microwave Components and Antenna Using CST MWS Tool**” conducted in association with Tekniknow Technologies, Chennai, organized by the Communication Systems Group of ECE Department, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai, during 28 – 30 December 2020

Dr. R. S. Valarmathi  
HOD-ECE

Dr. V. Jayasankar  
DEAN-SOEC

Dr. A. T. Ravichandran  
DEAN ACADEMICS



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

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

## AICTE Training And Learning (ATAL) Academy

### Certificate

This is certified that K.S.ARUN KUMAR, Assistant Professor of SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Cyber Security" from 2021-1-18 to 2021-1-22 at St. Joseph's College of Engineering.



A handwritten signature in black ink is placed below the QR code. The signature appears to read "Jaswant Singh" followed by "Director ATAL Academies".

Director ATAL Academies

Coordinator

A handwritten signature in black ink is located above the word "Coordinator". The signature is somewhat fluid and less formal than the director's.

# CERTIFICATE



## CENTRE FOR FACULTY DEVELOPMENT

ANNA UNIVERSITY :: CHENNAI - 600 025

Mr.: S. Jayakumar, Assistant Professor  
S.S.M Institute of Engineering & Technology, Dindigul.....  
took part in the six-day Faculty Development Training Programme on  
24.02.2021 - Ad-hoc & Wireless Sensors Networks.....conducted in  
ONLINE MODE by the Department of Electronics & Communication Engineering  
at P.S.N.A College of Engineering & Technology, Dindigul.....  
from 31.05.2021 to 05.06.2021.....

X  
COORDINATOR(S)  
with Name  
Dr. C. CHITRA

J.W  
DIRECTOR  
CENTRE FOR FACULTY DEVELOPMENT

Ramya Venkatesh  
REGISTRAR  
ANNA UNIVERSITY



## CERTIFICATE OF PARTICIPATION

This is to certify

S.JAYAKUMAR

of SSM Institute of Engineering and Technology

has participated in one week AICTE-MHRD sponsored Online STTP on  
“Design and Simulation of Miniature Antenna for IoT Applications”

Organized by MVGR College of Engineering (A), Vizianagaram  
during 29<sup>th</sup> June 2020 to 04<sup>th</sup> July 2020.

Dr. M Satyanarayana  
Coordinator  
STTP-DSMAIA-2020

Dr. M Sunil Prakash  
Convenor  
STTP-DSMAIA-2020

Dr. K V L Raju  
Principal  
MVGR College of Engg.(A)



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

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

## AICTE Training And Learning (ATAL) Academy

### Certificate

This is certified that JEEVANANTHAM V, Assistant Professor of SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)" from 2020-9-14 to 2020-9-18 at Dr MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY.



Director ATAL Academies





## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

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

## AICTE Training And Learning (ATAL) Academy

### Certificate

This is certified that JEEVANANTHAM V, Assistant Professor of SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Biomedical Instrumentation & IoT" from 2020-9-21 to 2020-9-25 at Sri Krishna College of Technology.



Director ATAL Academies

Coordinator



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

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

AICTE Training And Learning (ATAL) Academy

### Certificate

This is certified that ASHOKKUMAR, Assistant Professor of SSM Institute of Engineering and Technology participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)" from 2020-9-14 to 2020-9-18 at Dr MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY.

Director ATAL Academies



Coordinator



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

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

AICTE Training And Learning (ATAL) Academy

### Certificate

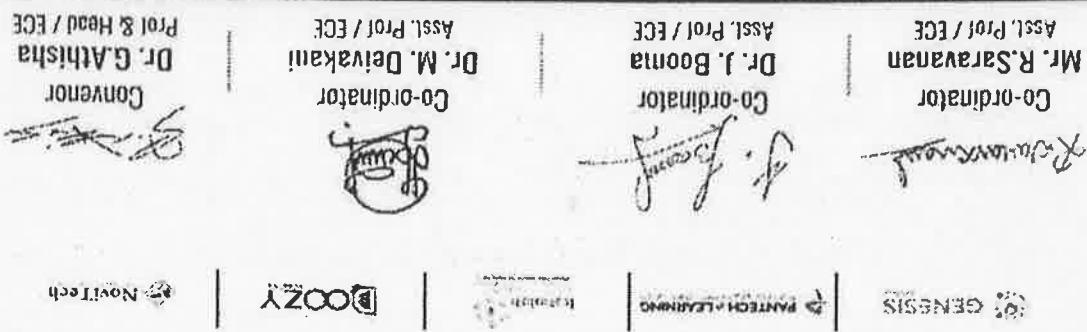
This is certified that **ASHOKKUMAR**, Assistant Professor of SSM Institute of Engineering and Technology participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Biomedical Instrumentation & IoT" from 2020-9-21 to 2020-9-25 at Sri Krishna College of Technology.

A dark, rectangular area containing a handwritten signature in black ink.



Director ATAL Academies

Coordinator



of PSNA College of Engineering and Technology, Dindigul.  
organized by the Department of Electronics & Communication Engineering  
the topic "Emerging Trends in Robotics and its Applications" from 09.09.2020 to 14.09.2020  
6 Days Online Short Term Training Program (STTP) on  
has participated and successfully completed the

**SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
of  
**S.R ASHOKKUMAR**  
*Always to ready that*

## CERTIFICATE OF APPRECIATION

Department of Electronics & Communication Engineering



**COLLEGE OF ENGINEERING & TECHNOLOGY**

# PSNA

Estd : 1984





**VELAMMAL**  
INSTITUTE OF TECHNOLOGY

Approved by AICTE - New Delhi, Affiliated to Anna University - Chennai  
All Programs Accredited by NBA and NAAC

Velammal Knowledge Park, Chennai - Kukathai Highway, Panruti - 602120



NAAC

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
**AICTE SPONSORED ONLINE SHORT TERM TRAINING PROGRAMME(STTP) ON**  
**Research Aspects on Deep Learning in Image and Video Processing**

*This is to certify that Mrs. G.SARANYA, ASSISTANT PROFESSOR of SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY as participated in the AICTE sponsored STTP on " Research Aspects on Deep Learning in Image and Video Processing - I" Organized by the Department of Electronics and Communication Engineering held from 01.12.2020 to 07.12.2020.*

*M. Sivurathinabala*  
Dr.M. Sivurathinabala  
Coordinator

*B. Sridevi*  
Dr.B. Sridevi  
Convener & HOD-ECE

*S. Soundararajan*  
Dr.S. Soundararajan  
Principal

No:ATAL/2020/1600662592



**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**

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

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

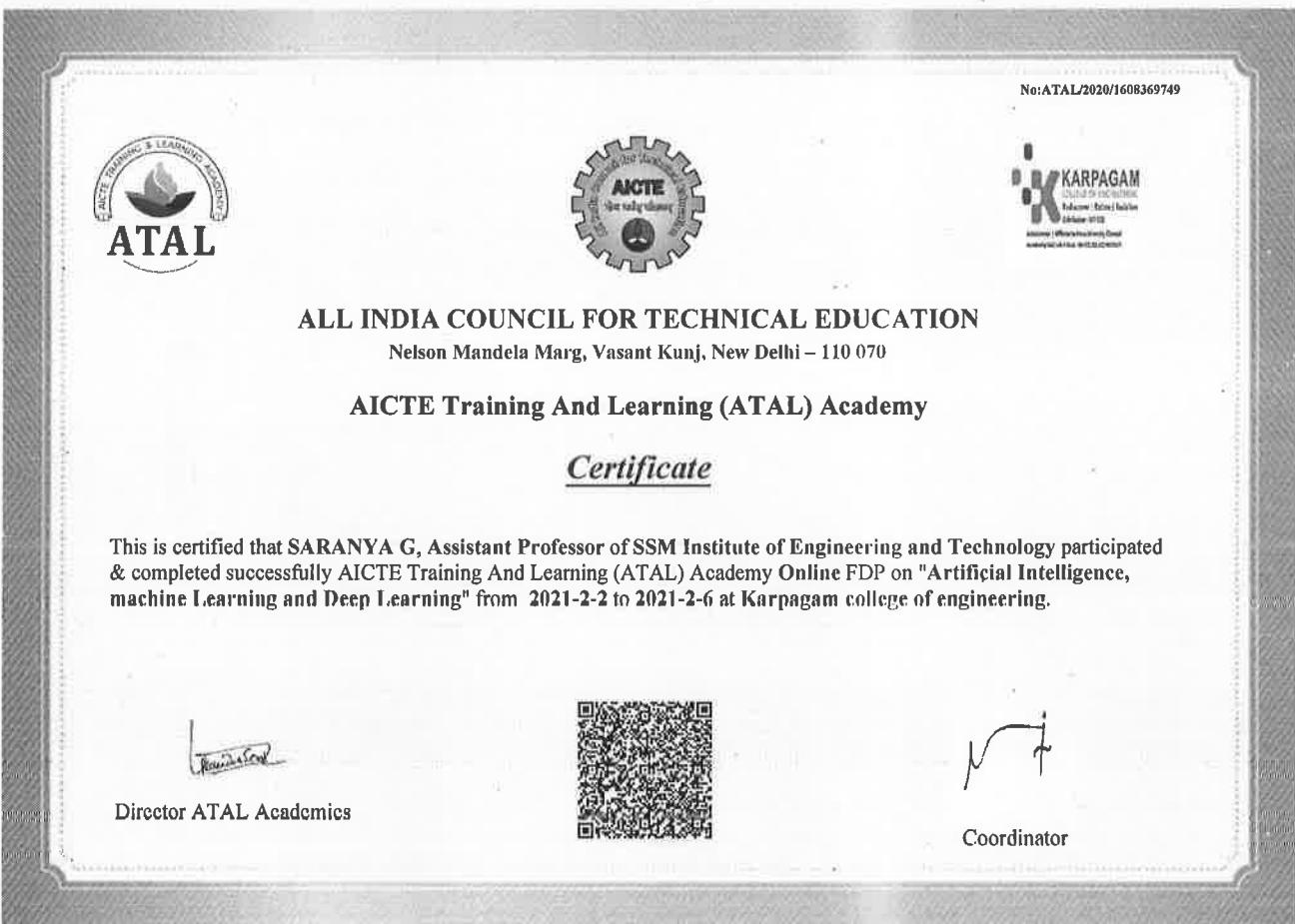
**Certificate**

This is certified that SARANYA G, Assistant Professor of SSM Institute of Engineering and Technology participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)" from 2020-10-19 to 2020-10-23 at THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-625 015.

Director ATAL Academies



Coordinator



# CERTIFICATE



## CENTRE FOR FACULTY DEVELOPMENT

ANNA UNIVERSITY :: CHENNAI - 600 025

Mrs. G. Saranya, Assistant Professor.....  
S.S.M. Institute of Engineering & Technology, Dindigul.....  
took part in the six-day Faculty Development Training Programme on  
E.C. 8702 - Ad hoc & Wireless Sensor Networks.....conducted in  
ONLINE MODE by the Department of Electronics & Communication Engineering.  
at P&N A College of Engineering & Technology, Dindigul.....  
from 31.05.2021 to 05.06.2021.....

COORDINATOR(S)  
with Name -  
Dr. C. CHITRA

REGISTRAR  
ANNA UNIVERSITY

DIRECTOR  
CENTRE FOR FACULTY DEVELOPMENT



**Vel Tech**  
Rangarajan Dr. Sagunthala  
R&D Institute of Science and Technology  
(Deemed to be University Paul. u/s 3 of UGC Act, 1956)

**SCHOOL OF ELECTRICAL & COMMUNICATION**  
**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**  
**Certificate of Participation**

This is to certify that

Mrs. SARANYA G, Asst. Prof./ ECE  
SSM Institute of Engineering and Technology

has participated in the **Online Workshop on “Design of Microwave Components and Antenna Using CST MWS Tool”** conducted in association with **Tekniknow Technologies, Chennai**, organized by the **Communication Systems Group of ECE Department, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai**, during **28 – 30 December 2020**

Dr. R. S. Valarmathi  
HOD-ECE

Dr. V. Jayasankar  
DEAN-SOEC

Dr. A. T. Ravichandran  
DEAN ACADEMICS

भारतीय  
प्रौद्योगिकी  
संस्थान  
काला फिल्मचित्रालय



INDIAN  
INSTITUTE OF  
TECHNOLOGY  
BANARAS HINDU UNIVERSITY



## Certificate of Participation

This is to certify that Karthik S of SSM Institute of Engineering  
and Technology, Dindigul has participated in the  
AICTE Sponsored Online QIP- Short term course on  
"IoT-enabled 5G Networks: Infrastructure and Security"

Jointly organized by  
Department of Computer Science & Engineering and  
Department of Electronics Engineering  
IIT (BHU), Varanasi during 25-30 January 2021.

Dr. Mayank Swarnkar  
Course Co-coordinator

Dr. Kishor P. Sarawadekar  
Course Co-coordinator

Prof. B.K. Srivastava  
Coordinator, QIP & CEP

Dr. Ajay Pratap  
Course Coordinator



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

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

## AICTE Training And Learning (ATAL) Academy

### Certificate

This is certified that KARTHIK S, Assistant Professor of SSMIET participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)" from 2020-10-19 to 2020-10-23 at THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-625 015.

Director ATAL Academies



Coordinator



# PSNA

## COLLEGE OF ENGINEERING & TECHNOLOGY

① Dindigul-624 622, Tamil Nadu. ② 0451-2554411 / 2554032 ③ contact@psnacet.edu.in ④ www.psnacet.edu.in

Kalvi Thanthai  
Mr. R.S. Kothandaraman  
Founder



**Department of Computer Science and Engineering  
AICTE (All India Council for Technical Education)**

# CERTIFICATE OF PARTICIPATION

This is to certify that **S. KARTHIK**, Assistant Professor  
From .....  
has participated in the AICTE sponsored online Six days short term training  
programme on **Artificial Intelligence and Deep Learning for  
Computational Biology** from 2<sup>nd</sup> to 7<sup>th</sup> November 2020.

**K. M.**  
Moderator  
**Dr. K. Manivannan**  
Associate Professor / CSE

**J. Benedict Raja**  
Associate Professor / CSE  
Coordinator  
**Dr. J. Benedict Raja**  
Associate Professor / CSE

**D. Shanthi**  
Convenor  
**Dr. D. Shanthi**  
HOD / CSE



No:ATAL/2021/16109436665



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

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

## AICTE Training And Learning (ATAL) Academy

### Certificate

This is certified that Parameswarieeme@gmail.com A, Assistant Professor of SSM Institute of engineering and technology participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)" from 2021-1-21 to 2021-1-25 at SIKSHA O ANUSANDHAN.



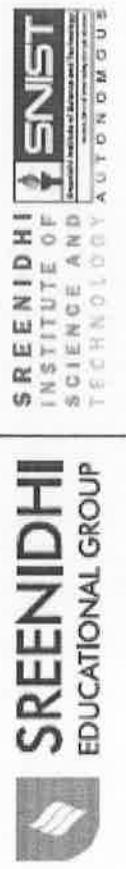
Director ATAL Academies

Coordinator

ONE WEEK FACULTY DEVELOPMENT PROGRAMME ON

## Practical Approach to Antenna Design and Analysis Using Electromagnetic Simulation Software

Organized by: Department of Electronics and Communication Engineering



### Certificate of Participation

This is to certify that Dr./Mr./Ms. /  
PARAMESWARI A, Assistant Professor, SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINIGUL

has participated in the One Week Faculty Development Programme on "Practical Approach to Antenna Design and Analysis Using Electromagnetic Simulation Software"  
conducted by the Department of Electronics and Communication Engineering, Yamnampet, Hyderabad, from 23rd November 2020 to 28th November 2020.

Mr. T. Venkata Rao  
Coordinator

Dr. S P V Subba Rao  
Convener & HOD-ECE

Dr. T. Ch. Siva Reddy  
Principal

Dr. P. Narasimha Reddy  
Executive Director

# **WALCHAND COLLEGE OF ENGINEERING, SANGLI**

(Government Aided Autonomous Institute)



**One Week online Short Term Training Program  
On**

**IOT Technology Solution  
(supported under TEQIP III)**

## **CERTIFICATE OF PARTICIPATION**

This is to certify that, **PARAMESWARIA** has successfully completed one week online **Short Term Training Program** on **IOT Technology Solution** organized during **14<sup>th</sup> to 18<sup>th</sup> December, 2020** by **Electronics Engineering Department**, in association with **Elmack Engineering Services, Pune**.

**Dr. S. D. Ruikar**  
Coordinator

**Dr. V. B. Dharmadhikari**  
HOD Electronics Dept.

**Dr. P. H. Sawant**  
TEQIP Coordinator

**Dr. P. H. Sawant**  
Director



**Vel Tech**

Rangarajan Dr. Sagunthala  
R&D Institute of Science and Technology  
(Deemed to be University Estd. w/s of UGC Act, 1956)

**SCHOOL OF ELECTRICAL & COMMUNICATION  
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

**Certificate of Participation**

This is to certify that

**Mrs. PARAMESWARI A, Asst. Prof. / ECE**  
**SSM Institute of Engineering and Technology**

*has participated in the Online Workshop on “Design of Microwave Components and Antenna Using CST MWS Tool” conducted in association with Tekniknow Technologies, Chennai, organized by the Communication Systems Group of ECE Department, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai, during 28 – 30 December 2020*

Dr. R. S. Valarmathi  
HOD-ECE

Dr. V. Jayasankar  
DEAN-SOEC

Dr. A. T. Ravichandran  
DEAN ACADEMICS

**ACADEMIC YEAR 2019-2020**

**6.3.3 Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years**

**ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT**

**ACADEMIC YEAR 2019-2020**

S.No	Faculty Name	Designation	Name of FDP/ professional development /administrative training programs	Venue	Duration (from – to) (DD-MM-YYYY)
1	Dr.G.Mohan Babu	Associate Prof.	FDP on "Basic Principles of Remote Sensing	IIRS-ISRO ,Dehradun	13-04-2020 to 25-04-2020
2	Dr.C.Sujatha	Associate Prof.	FDP on "Basic Principles of Remote Sensing	IIRS-ISRO .Dehradun	13-04-2020 to 25-04-2020
3	Dr.K.Vinothkumar	Associate Prof.	NPTEL- AICTE FDP course on "Digital Image Processing" Faculty Development Programme on SCILAB	IIT, Madras PSCMRCEI	Jul-Aug 2019 29-04-2020 to 03-05-2020
4	K.Rajesh	Assistant.Prof	ATAL online FDP on "IoT"	GCE,SriRangam	04-11-2019 to 08-11-2019
5	A.Geetha	Assistant.Prof	Faculty Development Programme on SCILAB	PSCMRCEI	29-04-2020 to 03-05-2020
6	M.Jeyalakshmi	Assistant.Prof	Faculty Development Programme on SCILAB	PSCMRCEI	29-04-2020 to 03-05-2020
7	S.Dhamodharan	Assistant.Prof	NPTEL- AICTE FDP course on "Introduction to IoT"	IIT, Madras	Jul-Aug 2019
8	M.Manikandan	Assistant.Prof	STTP on "Intelligent Video Analytics"	PSNACET,Dindigul	31-07-2019 to 05-08-2019
9	R.Senthil Kumar	Assistant.Prof	FDP on "Basic Principles of Remote Sensing	IIRS-ISRO .Dehradun	13-04-2020 to 25-04-2020
10	M.Premkumar	Assistant.Prof	NPTEL- AICTE FDP course on "Microwave Theory and Techniques"	IIT,Madras	Jul-Oct 2019
11	J.Vetrivinikumar	Assistant.Prof	CSIR sponsored Two days National level workshop On "Artificial Intelligence in Neuroscience:A Clinician's Perspective"	SSMIET, Dindigul	17-12-2019 to 18-12-2019
12	K.S.Arunkumar	Assistant.Prof	STTP on "Industry and Research perspectives on Advanced Wireless Technology"	PSNACET,Dindigul	16-08-2019 to 21-08-2019
13	S.Jayakumar	Assistant.Prof	TEQIP III sponsored Workshop on "Introduction to IOT", Startup"	IIT, Madras	Jul-Aug 2019
14	V.Jeevanantham	Assistant.Prof	CSIR sponsored Two days National level workshop On "Artificial Intelligence in Neuroscience:A Clinician's Perspective"	NIT,Trichy	09-12-2019 to 13-12-2019
15	G.Saranya	Assistant.Prof	STTP on "Industry and Research perspectives on Advanced Wireless Technology"	SSMIET, Dindigul	17-12-2019 to 18-12-2019
16	S.Karthik	Assistant.Prof	Faculty Development Programme on SCILAB	PSCMRCEI	29-04-2020 to 03-05-2020
			Faculty Development Programme on SCILAB	PSCMRCEI	29-04-2020 to 03-05-2020
			FDP on "Basic Principles of Remote Sensing	IIRS-ISRO ,Dehradun	13-04-2020 to 25-04-2020
			CSIR sponsored Two days National level workshop On "Artificial Intelligence in Neuroscience:A Clinician's Perspective"	SSMIET, Dindigul	17-12-2019 to 18-12-2019



भारत सरकार  
अंतरिक्ष विभाग  
भारतीय अंतरिक्ष अनुसंधान संगठन  
भारतीय सुदूर संवेदन संस्थान, देहरादून



GOVERNMENT OF INDIA  
DEPARTMENT OF SPACE  
INDIAN SPACE RESEARCH ORGANISATION  
INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

नामांकन सं. / Enrolments No. 202090110106956

# CERTIFICATE OF PARTICIPATION IN ONLINE COURSE

यह प्रमाणित किया जाता है कि डॉ. मोहनबाबू जी को यह प्रमाण पत्र “सुदूर संवेदन प्रौद्योगिकी के मूल सिद्धांत” में ऑनलाइन पाठ्यक्रम पूर्ण करने पर प्रदान किया जाता है। इस पाठ्यक्रम का आयोजन भारतीय सुदूर संवेदन संस्थान (आईआईआरएस) इसरो देहरादून द्वारा 13 अप्रैल, 2020 से 25 अप्रैल, 2020 के दौरान किया गया।

This is to certify that DR. MOHANBABU G has been awarded this certificate on having participated in the online course on “Basic Principles of Remote Sensing Technology” which was conducted by Indian Institute of Remote Sensing (IIRS), ISRO Dehradun, during **13-04-2020 to 25-04-2020**.

**Date:** 26-06-2020

**Place:** Dehradun

*Y. Chaturvedi*

**निदेशक/ Director**

आईआईआरएस, देहरादून/ IIRS, Dehradun



भारत सरकार  
अंतरिक्ष विभाग  
भारतीय अंतरिक्ष अनुसंधान संगठन  
भारतीय सुदूर संवेदन संस्थान, देहरादून



GOVERNMENT OF INDIA  
DEPARTMENT OF SPACE

INDIAN SPACE RESEARCH ORGANISATION  
INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN



नामांकन सं. / Enrolments No. 202090110107172

# CERTIFICATE OF PARTICIPATION IN ONLINE COURSE

यह प्रमाणित किया जाता है कि डॉ. सुजाता सी को यह प्रमाण पत्र “सुदूर संवेदन प्रौद्योगिकी के मूल सिद्धांत” में ऑनलाइन पाठ्यक्रम पूर्ण करने पर प्रदान किया जाता है। इस पाठ्यक्रम का आयोजन भारतीय सुदूर संवेदन संस्थान (आईआईआरएस) इसरो देहरादून द्वारा 13 अप्रैल, 2020 से 25 अप्रैल, 2020 के दौरान किया गया।

This is to certify that DR. SUJATHA C has been awarded this certificate on having participated in the online course on “**Basic Principles of Remote Sensing Technology**” which was conducted by Indian Institute of Remote Sensing (IIRS), ISRO Dehradun, during **13-04-2020 to 25-04-2020**.

Date: 26-06-2020

Place: Dehradun

निदेशक/ Director

आईआईआरएस, देहरादून/ IIRS, Dehradun

  
**Roll No:NPTEL19EE55S51740422**  
**To C SUJATHA**  
 FT 4, PORKUDAM APARTMENT, SBI OFFICERS  
 2ND COLONY  
 S S COLONY  
 MADURAI  
 TAMIL NADU  
 625016  
 PH. NO :9442039061

**Duration of NPTEL course: 12 Weeks**



No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP



## NPTEL-AICTE Faculty Development Programme



(Funded by the Ministry of HRD, Govt. of India)



**This certificate is awarded to**

**C SUJATHA**

*for successfully completing the course*

**Digital Image Processing**

*with a consolidated score of 82 %*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Jul-Oct 2019)

Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL19EE55S51740422

To validate and check scores: <http://npTEL.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
 This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
 F.No. AICTE / RIFD / FDP through MOOCs / 2017-18



**POTTI SRIRAMULU CHALAVADI MALLIKARJUNA RAO**  
**COLLEGE OF ENGINEERING & TECHNOLOGY**

ACCREDITED BY NAAC, NBA for B.TECH PROGRAMS in CSE, ECE & EEE, ISO 9001:2015 CERTIFIED



SPOKEN  
TUTORIAL

## Faculty Development Programme

### *Certificate of Participation*

This is to certify that SUJATHA C, SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINIGUL has actively participated in a 5 Day Faculty Development Programme on SCILAB from 29.04.2020 to 03.05.2020 organized by Department of ECE, PSCMR CET in association with Spoken Tutorial, IIT Bombay-PMNNMTT and secured A+ grade.

**Dr. A. Ravi**  
**Convenor & HOD, ECE**

**Dr. K. Nageswara Rao**  
**Principal**

**Ravuri Subba Rao**  
**Secretary & Correspondent**



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION  
Nelson Mandela Marg, Vasant Kunj, New Delhi - 110 070

## AICTE Training And Learning (ATAL) Academy, Trivandrum

### Certificate

This to be certified that DR.K.VINOTH KUMAR participated & completed successfully AICTE Training And Learning (ATAL) Academy FDP on "Internet of Things (IoT)" from 04-11-2019 to 08-11-2019 at Government College of Engineering, Srirangam.

Director ATAL Academies



Coordinator



POTTI SRIRAMULU CHALAVADI MALLIKARJUNA RAO  
COLLEGE OF ENGINEERING & TECHNOLOGY  
ACCREDITED BY NAAC, NBA for B.TECH PROGRAMS in CSE, ECE & EEE, ISO 9001:2015 CERTIFIED

SPOKEN  
TUTORIAL

## Faculty Development Programme

### *Certificate of Participation*

This is to certify that VINOTH KUMAR KALMUTHU, SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY has actively participated in a 5 Day Faculty Development Programme on SCILAB from 29.04.2020 to 03.05.2020 organized by Department of ECE, PSCMRCECET in association with Spoken Tutorial, IIT Bombay-PMMNMNTT and secured A grade.

Dr. A. Ravi  
Convenor & HOD, ECE

Dr. K. Nageswara Rao  
Principal

Ravuri Subba Rao  
Secretary & Correspondent

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**POTTI SRIRAMULU CHALAVADI MALLIKARJUNA RAO  
COLLEGE OF ENGINEERING & TECHNOLOGY**

ACCREDITED BY NAAC, NBA for B.TECH PROGRAMS in CSE, ECE & EEE, ISO 9001:2015 CERTIFIED

**Spoken Tutorial**  
**Faculty Development Programme**

**Certificate of Participation**

This is to certify that RAJESH K, SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY has actively participated in a 5 Day Faculty Development Programme on Arduino from 29.04.2020 to 03.05.2020 organized by Department of ECE, PSCMR CET in association with Spoken Tutorial, IIT Bombay-PMMNMTT and secured A+ grade.

Dr. A. Ravi  
Convenor & HOD, ECE  
Dr. K. Nageswara Rao  
Principal  
Ravuri Subba Rao  
Secretary & Correspondent

This is a computer generated document. No signature is required.



Roll No:NPTEL19CS65S61280001

To GEETHA A  
RAJAKAPPATTY(PO), SILUVATHUR(VIA)  
DINDIGUL  
TAMIL NADU  
624316  
PH. NO :9677466296

**Duration of NPTEL course: 12 Weeks**



No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP



## NPTEL-AICTE Faculty Development Programme



(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**GEETHA A**

for successfully completing the course  
**Introduction to Internet of Things**

with a consolidated score of **79 %**

  
Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Jul-Oct 2019)

  
Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL19CS65S61280001

To validate and check scores: <http://nptel.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18



# PSNA

36



Kalai Theerth  
Thiru. R.S.Kothandaraman  
Founder



Our Beloved  
Dr. R.S.K. Lakshmana Prabhu  
Co-Chairman

## College of Engineering & Technology

(Approved by AICTE, Accredited by NBA, New Delhi,  
Affiliated to Anna University, Chennai, Accredited by NAAC with 'A' Grade)

Kothandaraman Nagar, Dindigul - 624 622.



AICTE  
Sponsored

### Six Days Short Term Training Programme on

## INTELLIGENT VIDEO ANALYTICS

(31.07.2019 – 05.08.2019)

### CERTIFICATE

This is to certify that

Dr. / Mr. / Mrs. .... M. JEYALAKSHMI, AP/ECE .....

..... SSM INSTITUTE OF ENGG. & TECHNOLOGY .....

has participated in the Six Days Short Term Training Progamme on

### INTELLIGENT VIDEO ANALYTICS

organized by

Department of Computer Science and Engineering,

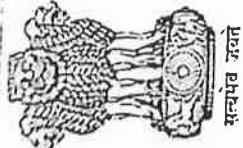
PSNA College of Engineering & Technology, Dindigul, Tamilnadu

from 31<sup>st</sup> July to 5<sup>th</sup> August 2019

Co-ordinator

HOD-CSE

Principal



भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING  
भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION  
अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA

मत्स्यवंश राजति

इसारो इंडिया

बहिः परिकल्पना/विस्तार कार्यक्रम प्रमाण पत्र  
OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME  
समन्वय का प्रमाणपत्र  
CERTIFICATE OF COORDINATION

CORR901115412020

यह प्रमाणित किया जाता है कि एसएलएम इंस्टीट्यूट ऑफ इंजीनियरिंग एंड टेक्नोलॉजी कार्यरत श्री धामोधरण, ने "सुदूर संवेदन प्रौद्योगिकी के क्षुल सिद्धांत" विषय पर इस संस्थान द्वारा दिनांक 13 अप्रैल, 2020 से 25 अप्रैल, 2020 तक संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम को समन्वित किया।

This is to certify that **MR. DHAMODHARAN**, working with **SSM Institute of Engineering and Technology**, has coordinated the online training course on "**Basic Principles of Remote Sensing Technology**" conducted by this institute during April 13, 2020 to April 25, 2020.

दिनांक/ Date: 22-06-2020  
देवराहन/ Dchradun  
प्रमुख,  
जियोवेब सर्विस, सूचना प्रौद्योगिकी एवं दूरसंचय अधिगम विभाग  
Head, Geoweb Services, IT & Distance Learning Department, IRS

समृद्ध प्रमुख,  
पूर्वाधारिक प्रौद्योगिकी एवं आवश्यक कार्यक्रम समूह  
Group Head, Geospatial Technologies & Outreach Programme Group, IRS



**Roll No:NPTEL19EE57S61280081**

**TO MANIKANDAN M**  
**2, K. A. VASIMALAI NAGAR, NATHAM ROAD,**  
**REDDIYAPATTI POST,**  
**DINDIGUL**  
**TAMIL NADU**  
**624003**  
**PH. NO :9677610057**

**Duration of NPTEL course: 12 Weeks**



No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP

## NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

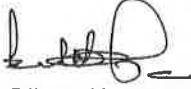
**MANIKANDAN M**

for successfully completing the course  
**Microwave Theory and Techniques**

with a consolidated score of **72 %**

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

**(Jul-Oct 2019)**

  
**Prof. Dileep N. Malkhede**  
 Advisor-I (Research, Institute & Faculty Development)  
 All India Council for Technical Education

Roll No: NPTEL19EE57S61280081

To validate and check scores: <http://npTEL.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
 This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
 F.No. AICTE / RIFD / FDP through MOOCs / 2017-18



# SSM Institute of Engineering and Technology

Dindigul-Palani Highway, Dindigul - 624002

(Accredited by NAAC)

Ph: 0451-2448800

Website: [www.ssmiet.ac.in](http://www.ssmiet.ac.in)

## Department of Electronics and Communication Engineering

# CERTIFICATE OF PARTICIPATION

This is to Certify that Dr./ Ms.

R. SENTHIL KUMAR , AP / ECE

of SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY has

participated in the CSIR - Sponsored Two day National Level Workshop on “Artificial Intelligence in Neurosciences: A Clinician’s Perspective” on 17/12/2019 and 18/12/2019 at SSMIET, Dindigul

Co-ordinators  
Mr. M. Premkumar  
Mr. S. R. Ashokkumar

Head of Department  
Dr. S. Karthigai Lakshmi

Principal  
Dr. D. Senthil Kumaran



# PSNA

**College of Engineering and Technology,  
Dindigul - 624 622.**

td : 1984

(Approved by AICTE - New Delhi, Affiliated to Anna University, Chennai,  
Accredited by NBA & NAAC)

"Kavithanai"  
Thiru R.S. KOTHANDARAMAN  
FOUNDER  
Accredited by NBA & NAAC)

"Our Beloved"  
Dr. R.S.K. Lakshmana Prabhu  
Co-Chairman

## Department of Electronics and Communication Engineering

This is to certify that Dr. / Mr. / Mrs. / Miss. .... M. PREM KUMAR, AP / E.C.E.....  
of SSM Institute of Engineering & Technology, Dindigul has attended AICTE  
Sponsored Six days Short Term Training Program on Industry and Research Perspectives on  
Advanced Wireless Technology organized by the Department of Electronics and  
Communication Engineering, PSNA College of Engineering and Technology, Dindigul from  
16.08.2019 to 21.08.2019.

X  
Co-ordinator  
Dr. C. Chitra

G  
HOD-ECE  
Dr. G. Athisha

Principal  
Dr. D. Vasudevan



Roll No:NPTEL19CS65S61280005

**To VETRI MANI KUMAR J**  
**18.B MSP TEACHERS COLONY,**  
**SILUVATHUR ROAD**  
**DINDIGUL**  
**TAMIL NADU**  
**624005**  
**PH. NO :9952159282**

**Duration of NPTEL course: 12 Weeks**



No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP

## NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**VETRI MANI KUMAR J**

for successfully completing the course  
**Introduction to Internet of Things**

with a consolidated score of **68 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Jul-Oct 2019)

Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL19CS65S61280005

To validate and check scores: <http://npTEL.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
 This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.

F.No. AICTE / RIFD / FDP through MOOCs / 2017-18



# SSM Institute of Engineering and Technology

Dindigul-Palani Highway, Dindigul - 624002

(Accredited by NAAC)

Ph: 0451-2448800

## Department of Electronics and Communication Engineering

# CERTIFICATE OF PARTICIPATION

Website: [www.ssmiet.ac.in](http://www.ssmiet.ac.in)

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

K. S. ARUNKUMAR, AP/IECE

of SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY has

participated in the CSIR - Sponsored Two day National Level Workshop on “Artificial Intelligence in Neurosciences: A Clinician’s Perspective” on 17/12/2019 and 18/12/2019 at SSMIET, Dindigul

Mr. M. Premkumar  
Co-ordinators

Head of Department

Dr. S. Karthigai Lakshmi

Principal  
Dr. D. Senthil Kumaran



# PSNA

College of Engineering and Technology,  
Dindigul - 624 622.

Estd : 1984

"Kavithanhai"  
"Our Beloved"  
Thiru.R.S. KOTHANDARAMAN  
FOUNDER

Dr. R.S.K. Lakshmana Prabhu  
Co-Chairman

(Approved by AICTE - New Delhi, Affiliated to Anna University, Chennai,  
Accredited by NBA & NAAC)

## Department of Electronics and Communication Engineering

This is to certify that Dr./ Mr. / Mrs. / Miss. .... S. Jayakumar, A.P./ ECE  
of SSM Institute of Engineering & Technology, Dindigul has attended AICTE

Sponsored Six days Short Term Training Program on Industry and Research Perspectives on  
Advanced Wireless Technology organized by the Department of Electronics and  
Communication Engineering, PSNA College of Engineering and Technology, Dindigul from  
16.08.2019 to 21.08.2019.

Co-ordinator  
Dr. C. Chitra

HOD-ECE  
Dr. G. Athisha

Principal  
Dr. D. Vasudevan



**POTTI SRIRAMULU CHALAVADI MALLIKARJUNA RAO  
COLLEGE OF ENGINEERING & TECHNOLOGY**

ACCREDITED BY NAAC, NBA for B.TECH PROGRAMS in CSE, ECE &EEE, ISO 9001:2015 CERTIFIED

SPOKEN

TUTORIAL

## **Faculty Development Programme**

### *Certificate of Participation*

This is to certify that JEEVANANTHAM V, SSM INSTITUTE OF ENGINEERING & TECHNOLOGY DINDIGUL has actively participated in a 5 Day Faculty Development Programme on Arduino from 29.04.2020 to 03.05.2020 organized by Department of ECE, PSCMRCET in association with Spoken Tutorial, IIT Bombay-PMMNMTT and secured A+ grade.

Ravuri Subba Rao  
Secretary & Correspondent

Dr. K. Nageswara Rao  
Principal

Dr. A. Ravi  
Convenor & HOD, ECE

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**POTTI SRIRAMULU CHALAVADI MALLIKARJUNA RAO  
COLLEGE OF ENGINEERING & TECHNOLOGY**

ACCREDITED BY NAAC, NBA for B.TECH PROGRAMS in CSE, ECE & EEE, ISO 9001:2015 CERTIFIED

**Faculty Development Programme**

*Certificate of Participation*

This is to certify that SARANYA KARTHIK, SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY has actively participated in a 5 Day Faculty Development Programme on Arduino from 29.04.2020 to 03.05.2020 organized by Department of ECE, PSCMRCE in association with Spoken Tutorial, IIT Bombay-PMMNMTT and secured A grade.

**Dr. A. Ravi**

**Convenor & HOD, ECE**

**Dr. K. Nagesawara Rao**

**Principal**

**Ravuri Subba Rao**

**Secretary & Correspondent**

SPOKEN  
TUTORIAL



GOVERNMENT OF INDIA  
DEPARTMENT OF SPACE  
INDIAN SPACE RESEARCH ORGANISATION  
INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

नामांकन सं. / Enrolments No.202090110110549

# CERTIFICATE OF PARTICIPATION IN ONLINE COURSE

यह प्रमाणित किया जाता है कि श्री कार्तिक एस को यह प्रमाण पत्र "सुदूर संवेदन प्रौद्योगिकी के मूल सिद्धांत" में ऑनलाइन पाठ्यक्रम पूर्ण करने पर प्रदान किया जाता है। इस पाठ्यक्रम का आयोजन भारतीय सुदूर संवेदन संस्थान (आईआईआरएस) इसरो देहरादून द्वारा 13 अप्रैल, 2020 से 25 अप्रैल, 2020 के दौरान किया गया।

This is to certify that **MR. KARTHIK S** has been awarded this certificate on completion of online course on "Basic Principles of Remote Sensing Technology" which was conducted by Indian Institute of Remote Sensing (IIRS),ISRO Dehradun, during **13-04-2020 to 25-04-2020**.

**Date:** 26-06-2020

**Place:** Dehradun

निदेशक/ Director

आईआईआरएस, देहरादून/ IIRS, Dehradun



**SSM Institute of Engineering and Technology**  
Dindigul-Palani Highway, Dindigul - 624002

(Accredited by NAAC)

Ph: 0451-2448800

Website: [www.issmiet.ac.in](http://www.issmiet.ac.in)

## **Department of Electronics and Communication Engineering**

# **CERTIFICATE OF PARTICIPATION**

This is to Certify that Dr./ Ms. S. KARTHIK, AP / ECE  
of SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY has  
participated in the CSIR - Sponsored Two day National Level Workshop on “Artificial Intelligence  
in Neurosciences: A Clinician’s Perspective” on 17/12/2019 and 18/12/2019 at SSMIET, Dindigul

Mr. M. Premkumar  
Co-ordinators

Dr. S. Karthigai Lakshmi  
Head of Department

Dr. D. Senthil Kumaran  
Principal

M. C D A.L.I.

**ACADEMIC YEAR 2018-2019**

**6.3.3 Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years**

**ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT  
ACADEMIC YEAR 2018-2019**

S. No	Faculty Name	Designation	Name of FDP/ professional development /administrative training programs	Venue	Duration (from –to) (DD-MM-YYYY)
1	Dr.S.Karthigai Lakshmi	Professor & HOD	Faculty Development Programme on "Outcome Pedagogic principles for Effective Teaching"	IIT Madras	Aug-Sep 2018
2	Dr.C.Sujatha	Associate Prof.	Faculty Development Programme on "Outcome Pedagogic principles for Effective Teaching"	IIT Madras	Aug-Sep 2018
3	K.Rajesh	Assistant.Prof	Faculty Development Programme on "IOT"	IIT Madras	Jan-April 2019
4	A.Geetha	Assistant.Prof	Faculty Development Programme on "Emotional Intelligence"	IIT Madras	Jan-Mar 2019
5	M.Jeyalakshmi	Assistant.Prof	Faculty Development Programme on " Nanotechnology in Agriculture"	IIT Madras	Aug-Sep 2018
6	R.Carol Praveen	Assistant.Prof	Two week FDP on IT8201-Information Technology Essentials	PSNACET	26-11-2018 to 08-12-2018
7	M.Manikandan	Assistant.Prof	Faculty Development Programme on "Electromagnetic waves in guided	IIT Madras	Feb-Apr 2019
8	M.Premkumar	Assistant.Prof	Faculty Development Programme on "Electronic waste Management	IIT Madras	Jan-Feb 2019
9	J.Vetrimanikumar	Assistant.Prof	Faculty Development Programme on "Emotional Intelligence"	IIT Madras	Jan-Mar 2019
10	S.R.Ashokkumar	Assistant.Prof	Faculty Development Programme on "Emotional Intelligence"	IIT Madras	Jan-Mar 2019
11	A.Mercy	Assistant.Prof	Faculty Development Programme on "Enhancing soft skills and Personality"	IIT Madras	Feb-Apr 2019
12	M.Krithika alias Anbudevi	Assistant.Prof	Faculty Development Programme on "Enhancing soft skills and Personality"	IIT Madras	Feb-Apr 2019
13	G.Saranya	Assistant.Prof	Faculty Development Programme on "Emotional Intelligence"	IIT Madras	Jan-Mar 2019
14	S.Karthik	Assistant.Prof	Workshop on "Automation Based on Advanced IoT"	Gemicates lab,Chennai.	26-11-2018 to 30-11-2018
15	T.Leela priyadharsini	Assistant.Prof	Faculty Development Programme on "Enhancing soft skills and Personality"	IIT Madras	Feb-Apr 2019



# NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

KARTHIGAI LAKSHMI S

for successfully completing the course

**Outcome based pedagogic principles  
for Effective Teaching  
with a consolidated score of 69 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

Roll No: NPTEL18GE15S21230113

Prof. Dileep N. Malkhede  
(Aug-Sep 2018)

Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

To validate and check scores: <http://npTEL.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18



Roll No:NPTEL18GE15S21230113

To KARTHIGAI LAKSHMI S  
PROF & HEAD/ECE  
SSM INSTITUTE OF ENGINEERING AND  
TECHNOLOGY  
PALANI HIGHWAYS  
DINDIGUL  
TAMIL NADU  
624002  
PH. NO :96652263722

Duration of NPTEL course: 4 Weeks



No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$\frac{1}{2}$ FDP



# NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**CSUJATHA**

for successfully completing the course

**Outcome based pedagogic principles  
for Effective Teaching  
with a consolidated score of 70 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL18GE15S21600116

To validate and check scores: <http://npTEL.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18



Roll No:NPTEL19CS31S31710539

To RAJESH K  
M2/88, RM COLONY,  
DINDIGUL  
TAMIL NADU  
624001  
PH. NO :9600378960



**Duration of NPTEL course: 12 Weeks**

No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP



## NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RAJESH K**

for successfully completing the course

**Introduction to Internet of Things**

with a consolidated score of **91 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

Prof. Dileep N. Mukheda  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

(Jan-Apr 2019)

Roll No: NPTEL19CS31S31710539

To validate and check scores: <http://nptel.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

 Roll No:NPTEL19HS11S21540069										
<b>To</b> GEETHA A SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY,SINDALAGUNDU POST,DINDIGUL DINDIGUL TAMIL NADU 624002 PH. NO :9677466296										
<b>Duration of NPTEL course:</b> 8 Weeks		<table border="1"> <thead> <tr> <th>No. of weeks of NPTEL Courses</th> <th>Equivalence of NPTEL course with regular FDP</th> </tr> </thead> <tbody> <tr> <td>4</td> <td><math>\frac{1}{2}</math> FDP of one week</td> </tr> <tr> <td>8</td> <td>Full FDP of one week</td> </tr> <tr> <td>12</td> <td><math>1\frac{1}{2}</math> FDP</td> </tr> </tbody> </table>	No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP	4	$\frac{1}{2}$ FDP of one week	8	Full FDP of one week	12	$1\frac{1}{2}$ FDP
No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP									
4	$\frac{1}{2}$ FDP of one week									
8	Full FDP of one week									
12	$1\frac{1}{2}$ FDP									



## NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**GEETHA A**

for successfully completing the course  
**Emotional Intelligence**

with a consolidated score of **66 %**

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

(Jan-Mar 2019)

  
**Prof. Dilip N. Malkhede**  
 Advisor-(Research, Institute & Faculty Development)  
 All India Council for Technical Education

Roll No: NPTEL19HS11S21540069

To validate and check scores: <http://npTEL.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed structured exams.  
 This certificate is therefore acceptable for promotion upto C4.5 as per AICTE notifications dated 24<sup>th</sup> July 2014, similar to other relevant / alternative courses.  
 FNo: AICTE / RFD / FDP through MOOCs / 2017-18



# NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



23

This certificate is awarded to

**JEYALAKSHMI M**

for successfully completing the course

**Nanotechnology in Agriculture**

with a consolidated score of **50 %**

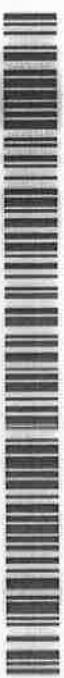
Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

Roll No. NPTEL18BT25S21230085

Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

To validate and check scores: <http://npTEL.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
FNo. AICTE / RIFD / FDP through MOOCs / 2017-18



Roll No:NPTEL18BT25S21230085

To JEVALAKSHMI M  
KRISHNA NAGAR II  
DINDIGUL  
TAMIL NADU  
624302  
PH. NO :8098990817



No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP

Duration of NPTEL course: 8 Weeks

24

CENTRE FOR FACULTY DEVELOPMENT  
ANNA UNIVERSITY, CHENNAI-600025.

30



This is to certify that Mr. R. Carol Praveen, Asst. Prof. SSM Inst. of Engg & Tech., Dindigul..... has participated in the Two-Week Faculty Development Training Programme on I.T. 8201 - Information Technology Essentials at Dept. of IT, PSNA College of Engineering & Technology, Dindigul..... from 26<sup>th</sup> November to 8<sup>th</sup> December 2018.....

Director  
Centre for Faculty Development

Registrar  
Anna University

11



Roll No:NPTEL19EE21S61710045

To MANIKANDAN M  
2, K.A. VASIMALAI NAGAR, REDDIYAPATTI  
POST, NATHAM ROAD  
DINDIGUL  
TAMIL NADU  
624003  
PH. NO :9677610057



Duration of NPTEL course: 8 Weeks

No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP



## NPTEL-AICTE Faculty Development Programme



(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MANIKANDAN M**

for successfully completing the course

**Electromagnetic Waves in Guided and  
Wireless Media**

with a consolidated score of **49 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

(Feb-Apr 2019)

Roll No: NPTEL19EE21S61710045

To validate and check scores: <http://nptel.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

8  
1



Roll No:NPTEL19CE06S21540142

To PREMKUMAR M  
SSM INSTITUTE OF ENGINEERING AND  
TECHNOLOGY  
DINDIGUL  
TAMIL NADU  
624002  
PH. NO :9655662496

Duration of NPTEL course: 4 Weeks



No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP



## NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PREMKUMAR M**

for successfully completing the course  
**Electronic Waste Management -  
Issues And Challenges**  
with a consolidated score of **95 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Jan-Feb 2019)

Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL19CE06S21540142

To validate and check scores: <http://nptel.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

26



Roll No:NPTEL19HS11S21860173

To VETRI MANI KUMAR J  
 18.B MSP TEACHERS COLONY  
 SILUVATHUR ROAD  
 DINDIGUL  
 TAMIL NADU  
 624005  
 PH. NO :9952159282

Duration of NPTEL course: 8 Weeks

No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP



# NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**VETRI MANI KUMAR J**

for successfully completing the course

**Emotional Intelligence**

with a consolidated score of 75 %

Prof. Andrew Thangaraj  
 NPTEL Coordinator  
 IIT Madras

(Jan-Mar 2018)

Prof. Dileep N. Malkhede  
 Advisor-I (Research, Institute & Faculty Development)  
 All India Council for Technical Education

Roll No: NPTEL19HS11S21860173

To validate and check scores: <http://npTEL.ac.in/noc>

The candidate has studied the above course through MOOCs mode.  
 This certificate is therefore acceptable for promotions under CAS as per AICTE norms.

F.No. AICTE / RFD / FDP through

Assignments and passed proctored exams.  
 July 2018, similar to other refresher / orientation courses.

18

(5)



Roll No:NPTEL19HS11S21540136

To ASHOKKUMAR S R  
SSM INSTITUTE OF ENGINEERING AND  
TECHNOLOGY  
DINDIGUL  
TAMIL NADU  
624002  
PH. NO :9600385024



Duration of NPTEL course: 8 Weeks

No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP



## NPTEL-AICTE Faculty Development Programme



(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

ASHOKKUMAR S R



for successfully completing the course  
**Emotional Intelligence**

with a consolidated score of **64 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

(Jan-Mar 2019)

Roll No: NPTEL19HS11S21540136

To validate and check scores: <http://npTEL.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.

F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

Roll No:NPTEL19HS22S41710591

To A MERCY  
SSM INSTITUTE OF ENGINEERING AND  
TECHNOLOGY  
AKKARAIAPPATI  
DINDIGUL  
TAMIL NADU  
624002  
PH. NO :9944121308



Duration of NPTEL course: 8 Weeks

No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP



## NPTEL-AICTE Faculty Development Programme



(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

A MERCY

for successfully completing the course

**Enhancing Soft Skills and Personality**

with a consolidated score of 92 %

  
Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Feb-Apr 2019)

  
Prof. Dileep N. Malkhedo  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL19HS22S41710591

To validate and check scores: <http://npTEL.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

14



Roll No:NPTEL19HS22S41710611

To MKRITHIKA ALIAS ANBUDEVI  
SSM INSTITUTE OF ENGINEERING AND  
TECHNOLOGY, SINDALAGUNDU POST,  
AKKARAIPATTI  
DINDIGUL  
TAMIL NADU  
624002  
PH. NO :7373734411

Duration of NPTEL course: 8 Weeks



No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP



## NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

MKRITHIKA ALIAS ANBUDEVI

for successfully completing the course  
**Enhancing Soft Skills and Personality**

with a consolidated score of **88 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Feb-Apr 2019)

Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL19HS22S41710611

To validate and check scores: <http://nptel.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

(2)



Roll No:NPTEL19HS11S21540007

To SARANYA G  
35-B,WEST GOVINDAPURAM,DINDIGUL  
DINDIGUL  
TAMIL NADU  
624001  
PH. NO :9677300270

Duration of NPTEL course: 8 Weeks



No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP



## NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

SARANYA G

for successfully completing the course  
**Emotional Intelligence**

with a consolidated score of 80 %

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

(Jan-Mar 2019)

Roll No: NPTEL19HS11S21540007

To validate and check scores: <http://npTEL.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18



GEMICATES LABS  
PROGRESS THROUGH INNOVATION



## Certificate of Participation

This is to certify that Mr/Ms ..... S. Karthik .....

..... department of ..... Electronics and Communication Engineering .....

..... has successfully completed their ..... Workshop .....

..... Advanced IoT .....

..... at Gemicates Labs, Chennai held on ..26-11-2018 .. to ...30-11-2018 ..

Mr R. Vijayaraja M.E  
Incharge  
Gemicates Labs

R. Vijayaraja  
Mr R. Vijayaraja M.E  
Founder & CEO  
Gemicates Labs  
Gemicates Technologies Pvt Ltd



Roll No:NPTEL19HS22S41710603

**TO LEELA PRIYADHARSINI T**  
**SSM INSTITUTE OF ENGINEERING AND**  
**TECHNOLOGY**  
**AKKARIPATTI**  
**DINDIGUL**  
**TAMIL NADU**  
**624002**  
**PH. NO :8838515280**

**Duration of NPTEL course: 8 Weeks**



No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP

## NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**LEELA PRIYADHARSINI T**

for successfully completing the course  
**Enhancing Soft Skills and Personality**

with a consolidated score of **91 %**

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

**(Feb-Apr 2019)**

  
**Prof. Dileep N. Malkhede**  
 Advisor-I (Research, Institute & Faculty Development)  
 All India Council for Technical Education

Roll No: NPTEL19HS22S41710603

To validate and check scores: <http://nptel.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
 This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
 F.No. AICTE / RIFD / FDP through MOOCs / 2017-18