



## SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC (2019-24))  
Dindigul – Palani Highway, Dindigul – 624 002

6.3.3 Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

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

S.NO	ACADEMIC YEAR	NO.OF FDP PROGRAMMES
1	2022-2023	25
2	2021-2022	23
3	2020-2021	21
4	2019-2020	16
5	2018-2019	15

HoD/ECE



IQAC Coordinator



Principal

Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)  
Principal  
SSM Institute of Engineering and Technology  
Kuttiathupatti Village, Sindalagundu (P.O),  
Palani Road, Dindigul - 624 002

Dr.S.KARTHIGAI LAKSHMI  
Professor & Head  
Department of ECE  
SSM Institute of Engg & Tech  
DINDIGUL 624 002





# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Dindigul – Palani Highway, Dindigul – 624 002

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR (2022-2023)

(FDP ABSTRACT)



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC (2019-24) & NBA(EEE,ECE,Mechanical))

Dindigul – Palani Highway, Dindigul – 624 002

## List of Faculty Participation in FDP / Workshop/Seminar

Academic Year: 2022 -23

S. NO.	Name of the Faculty	Date	FDP Details
1	Dr.S.KARTHIGAI LAKSHMI	12/01/2023 to 15/04/2023	FDP on "NBA Accreditation and Teaching and learning in Engineering (NATE)"
2	Dr.K.VINOTHKUMAR	01/02/2023 to 09/02/2023	FDP on "Outcome Based Education"
3	Dr.K.RAJESH	31/10/2022 to 04/11/2022	FDP on "Inculcating Universal Human values in technical education"
4	Dr.M.JEYALAKSHMI	12/01/2023 to 15/04/2023	FDP on "NBA Accreditation and Teaching and learning in Engineering (NATE)"
		04/07/2022 to 09/07/2022	National One Week Faculty Development Program(online) on Recent Trends in VLSI and Nano Electronics
5	A.GEETHA	12/01/2023 to 15/04/2023	FDP on "NBA Accreditation and Teaching and learning in Engineering (NATE)"
		06/02/2023 to 10/02/2023	FDP on "Artificial Intelligence and Machine Learning"
		05/12/2022 to 09/12/2022	FDP on "Recent Trends on Digital Image Processing Techniques"
6	V.P.JAY FANTIN	01/09/2022 to 08/09/2022	FDP on "VLSI Design & Nano Electronics Emerging Challenges & Opportunities"
		04/07/2022 to 09/07/2022	FDP on "EC8791 - Embedded and Real Time Systems"
7	R.CAROL PRAVEEN	12/01/2023 to 15/04/2023	FDP on "NBA Accreditation and Teaching and learning in Engineering (NATE)"



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		05/12/2022 To 09/12/2022	FDP on "Recent Trends in Digital Image Processing Techniques"
8	M.MANIKANDAN	12/01/2023 to 15/04/2023	FDP on "NBA Accreditation and Teaching and learning in Engineering (NATE)"
		13/03/2023 to 17/03/2023	FDP on "Advanced Research Methodology and Data Analytics Tools"
9	R.SENTHIL KUMAR	12/01/2023 to 15/04/2023	FDP on "NBA Accreditation and Teaching and learning in Engineering (NATE)"
		05/12/2022 to 09/12/2022	FDP on "Recent trends on Digital Image Processing Techniques"
		06/02/2023 to 10/02/2023	FDP on "Artificial Intelligence and Machine Learning"
10	Dr.M.PREMKUMAR	01/11/2022 to 05/11/2022	FDP on "Recent Trends in Artificial Intelligence and Cyber Security"
		03/04/2023 to 07/04/2023	A Peek into the Leading Edge (webinar series on various facets of technology)
11	J.VETRIMANIKUMAR	12/01/2023 to 15/04/2023	FDP on "NBA Accreditation and Teaching and learning in Engineering (NATE)"
		February to April 2023	FDP on "Foundation of Cloud IoT Edge ML"
		05/12/2022 to 09/12/2022	FDP on "Recent trends on Digital Image Processing Techniques"
		06/02/2023 to 10/02/2023	FDP on "Artificial Intelligence and Machine Learning"
12	K.S.ARUNKUMAR	10/4/2023 to 05/05/2023	FDP on "Antenna Modeling and Analysis using HFSS"
13	G.SARANYA	06/02/2023 to 10/02/2023	FDP on "Artificial Intelligence and Machine Learning"
14	S.KARTHIK	12/01/2023 to 15/04/2023	FDP on "NBA Accreditation and Teaching and learning in Engineering (NATE)"
15	R.SANGEETHA	July 2022 to August 2022	FDP on "Fundamentals of Electronic Device fabrication"
		22/08/2022	FDP on "Accreditation and Outcome"



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NBA(EEE,ECE,Mechanical)

Dindigul – Palani Highway, Dindigul – 624 002

		to 14/10/2022	Based Learning"
		26/06/2023 to 01/07/2023	FDP on "Performance Analysis of wireless Communication System"
16	K.DIVYA	01/11/2022 to 05/11/2022	FDP on "Recent Trends in Artificial Intelligence and Cyber Security"
17	KEERTHANA S	January 2023 to April 2023	FDP on "Optical Wireless Communications for Beyond 5G networks and IoT"
		28/11/2022 to 02/12/2023	Online Short-Term Course on Artificial Intelligence Machine Learning and Deep Learning
		05/01/2023 to 09/01/2023	FDP on "Research Trends in Optical Technologies and its Applications"
18	DR.GANAPRIYA K	12/01/2023 to 15/04/2023	FDP on "NBA Accreditation and Teaching and learning in Engineering (NATE)"
		01/11/2022 to 05/11/2022	FDP on "Societal Applications of Machine Learning "
19	RAJARAJESHWARI G	16/01/2023 to 20/01/2023	AICTE FDP on "Inculcating Universal Human Values in Technical Education"
		01/11/2022 to 05/11/2022	FDP on "Recent Trends in Artificial Intelligence and Cyber Security"
		06/02/2023 to 10/02/2023	FDP on "Artificial Intelligence and Machine Learning"
20	KARTHIKA P	05/12/2022 to 09/12/2022	FDP on "IoT and its Applications"
		16/01/2023 to 20/01/2023	AICTE FDP on "Inculcating Universal Human Values in Technical Education"
21	JOHN BASKARAN R	20/02/23 to 24/02/23	FDP on Basics about Hardware & Software Installation
22	VAIRAMANI S	20/02/23 to 24/02/23	FDP on Basics about Hardware & Software Installation
23	ISSAC A	20/02/23 to 24/02/23	FDP on Basics about Hardware & Software Installation
24	SEENIVASAPERUMAL K	20/02/23	FDP on Basics about Hardware &



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Dindigul – Palani Highway, Dindigul – 624 002

		to 24/02/23	Software Installation
25	BALACHANDARAN M	20/02/23 to 24/02/23	FDP on Basics about Hardware & Software Installation

*S.Karthikeyan*

HOD/ECE

*Geoff*

IQAC Coordinator



Principal

**Dr. S. KARTHIGAI LAKSHMI**  
Professor & Head  
Department of ECE  
SSM Institute of Engg & Tech  
DINDIGUL - 624 002



**Dr.D.SENTHIL KUMARAN, M.E.,Ph.D.,(NUS)**  
Principal  
SSM Institute of Engineering and Technology  
Kuttathupatti Village, Sindhalagundu (Po),  
Palani Road, Dindigul - 624 002



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Dindigul – Palani Highway, Dindigul – 624 002

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

**ACADEMIC YEAR (2022-2023)**

**(FDP PROOF)**



# 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



(Jan-Apr 2023)

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



# 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

SSM Institute of Engineering and Technology, Dindigul

from \_\_\_\_\_

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 ).

Prof. Mrs. D. Rajeswari  
HOD/MECHANICAL

Dr. P. Sathiaseelan  
DIRECTOR - IQAC & ACADEMICS

Dr. V. Bindhu  
PRINCIPAL

12  
47



**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.

Dr. Rajneesh Arora  
Chairman  
National Coordination Committee for Induction Program

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



(Jan-Apr 2023)

Ref No. NPTEL23GEO1S53500190

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

SREE VIDYANIKETHAN ENGINEERING COLLEGE  
(AUTONOMOUS)

Sree Saipath Nagar, A, Rangampet, Tirupati -517 102  
(Affiliated to JNTUA Anantapuram, Approved by AICTE, Accredited by NBA; NAAC 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.

Dr. N. ASHOKKUMAR  
Coordinator

Dr. N.GIREESH  
HoD,ECE

Dr. B. M. SATISH  
Principal,SVEC



# 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



(Jan-Apr 2023)

Roll No: NPTEL23GE01553500160

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



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

Maxelerator  
Foundation  
A  
Technology  
Ideation  
Nursery™

5 Days Faculty Development Program On  
**ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING**  
**CERTIFICATE**

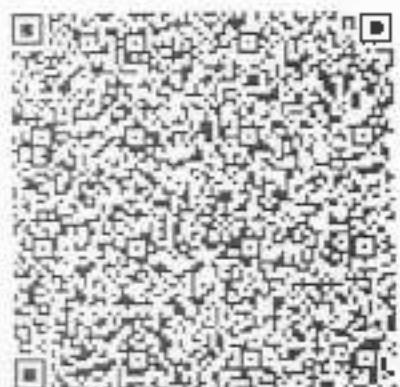
*OF PARTICIPATION*

This certificate is proudly presented to

**A. GEETHA**

Department Of Electronic Communication And Engineering

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



A handwritten signature of Dr. G. Prabu.

Dr. G. Prabu  
SPOC - IIITM Initiative

A handwritten signature of Dr. C. Sujatha.

Dr. C. Sujatha  
Head of the Department

A handwritten signature of Dr. D. Senthil Kumaran.

Dr. D. Senthil Kumaran  
Principal

A handwritten signature of Nanu Swamy.

Nanu Swamy  
Founder  
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*

Co-Ordinator  
Dr. H.Prabhu Chandran

HOD  
Dr.H.Gopi

Principal  
Dr. N.Venkatachalamathi  
Made for free with Certify'eis

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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-IITDMJ/FDP/175/015

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 Fathin, Assistant Professor...

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

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

EC 8291 - Embedded & Real Time Systems.....conducted in  
ONLINE MODE by the Department of Electronics & Communication Engineering  
at PSNA College of Engineering & Technology, Dindigul.....

from 04.07.2022 to 29.07.2022.....

COORDINATOR(S)

with Name

Dr. A. KALEEL RAHUMAN

DIRECTOR

CENTRE FOR FACULTY DEVELOPMENT

REGISTRAR  
ANNA UNIVERSITY

OP



# 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



(Jan-Apr 2023)

Roll No: NPTEL23GE01553500100

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

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. Prabhu Chandran*  
Co-Ordinator  
Dr. H Prabhu Chandran

*H. Gopi*  
HoD  
Dr. H Gopi

*N. Venkatachalam*  
Principal  
Dr. N. Venkatachalam  
Made for free with Certify'em



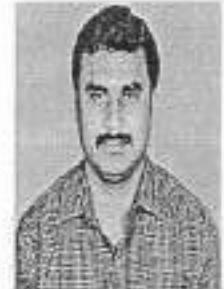
# NPTEL-AICTE Faculty Development Programme

(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 %

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



(Jan-Apr 2023)



Roll No: NPTEL23GE01563500064

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



## 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.

Coordinator  
Dr. R. Varthini

Coordinator  
Dr. C. Rajaganapathy

Convener  
Dr. V. S. Shanmugam

Professor  
Dr. T. Purushothaman

Principal  
Dr. K. Manoharan



# 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



(Jan-Apr 2023)

Ref. No.: NPTEL23GE01563500089

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

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*

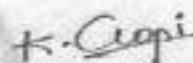
**SENTHIL KUMAR R**

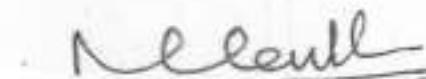
*Assistant Professor, SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY*

*has participated in:*

*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*

  
Co-ordinator  
Dr. H. Prabhu Chandran

  
HoD  
Dr. H. Gopi

  
Principal  
Dr. N. Venkatachalanathi

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# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

Maxelerator  
Foundation  
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Technology  
Ideation  
Nursery™

*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

6/4/18

Dr. C. Sujatha

Head of the Department

Dr. G. Prabu

SPOC - IIIM Initiative

Dr. D. Senthil Kumaran

Principal

Nanu Swamy

Founder

Maxelerator Foundation





**Shri Vishnu Engineering College for Women :: Bhimavaram  
(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 **M.PREMKUMAR** 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.

Dr. P. Kiran Sree

**HOD-CSE**

Kiru

**Dr. P. Srinivasa Raju**

**Vice-Principal**

G. S. R.

**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*

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 of Engineering, Sriperumbudur through virtual mode.

*Bindhu*

Dr. M. Bindhu

(Coordinator)

*Muthukumar*

Dr. S. Muthukumar

(HoD - ECE)

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Elite

# 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**

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

Jan-Apr 2023

(12 week course)

Prof. L. Umanand  
NPTEL Coordinator  
IISc Bangalore



Indian Institute of Science Bangalore

Roll No: NPTEL23GE01S63500014

To validate the certificate



No. of credits recommended: 3 or 4





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

Feb-Apr 2023

(8 week course)

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology 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 Ananthapuram  
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*

X  
Co-Ordinator  
Dr H Prabhu Chandran

K.Gopi  
HoD  
Dr K Gopi

Nellu  
Principal  
Dr N Venkatachalarathi

Made for free with Certify'em



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

Maxelerator  
Foundation  
A  
Technology  
Ideation  
Nursery™

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

G.418

Dr. C. Sujatha  
Head of the Department

Dr. D. Senthil Kumaran  
Principal

Nanu Swamy  
Founder  
Maxelerator Foundation





# 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.

*(Handwritten signature)*

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

**Certificate Number:** 2206210006





SSM Software Solutions for Machine Learning

Hosted by SSM and organized in three dimensions: Theory  
- Machine Learning Fundamentals, Deep Learning, NLP  
- Data Faculty Development Program On  
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING



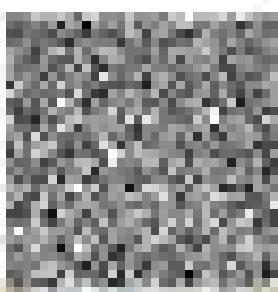
## CERTIFICATE

This certificate is proudly presented to

**G. SARANYA**

Department of Electronic Communication And Engineering

Date: 09-03-2023 - 10-03-2023



Mr. K. Pradeep  
www.ssm.com

Mr. E. Rajendra  
Rajendra Solutions

Mr. R. Venkateswaran  
Pragya

Mr. G. Saranya  
GuruGuru Solutions





# 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



(Jan-Apr 2023)

Ref ID: NPTEL23GE01S54110211

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





# 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 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



(Jul-Aug 2022)

No. No. NPTEL22MM29S13610057

Duration of NPTEL course : 4 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



# 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)

Cert No. NPTEL22GE27554430044

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





Annant Gyan

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"

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

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

Amar Nath Dubey  
Founder & Director



**Shri Vishnu Engineering College for Women :: Bhimavaram  
(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.

*Kiran Sree*

Dr. P. Kiran Sree  
HOD-CSE

*Srinivasa Raju*

Dr. P. Srinivasa Raju  
Vice-Principal

*G. Srinivasa Rao*

Dr. G. Srinivasa Rao  
Principal

GRHPSY-CE000774

Made for free with Certify'em

100



**Elite**

# NPTEL Online Certification

(Funded by the MHRD, Govt. of India)



This certificate is awarded to

**KEERTHANA S**

for successfully completing the course

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

with a consolidated score of **80** %

Online Assignments	23.19/25	Proctored Exam	57/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 609

Dr. Anand Srivastava Ramnath  
Coordinator  
Continuing Education Program, IIIT-D

Jan-Apr 2023

(12 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



INDRAPIRASTHA INSTITUTE OF  
INFORMATION TECHNOLOGY DELHI



cert No: NPTEL23EEE61S33500246

To validate the certificate



No. of credits recommended: 3 or 4

**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**.



Dr. Raja Bhukya  
Coordinator & Faculty-Incharge  
CCE-NITW



Dr. S. Ravi Chandra  
Head of the Department  
Computer Science & Engg



Prof. N.V. Ramana Rao  
Director  
NIT Warangal





# VIT<sup>®</sup>

**Vellore Institute of Technology**

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



## Certificate of Participation

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

.....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.

A handwritten signature in black ink, appearing to read 'Dr. A.Sivasubramanian'.

Dr. A.Sivasubramanian  
Co-ordinator

A handwritten signature in black ink, appearing to read 'Dr. V.R Balaji'.

Dr. V.R Balaji  
Co-ordinator

A handwritten signature in black ink, appearing to read 'Dr. Susan Elias'.

Dr. Susan Elias  
Dean-SENSE

VIT - A place to learn; A chance to grow



Elite

# 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** %

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

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

Jan-Apr 2023

(12 week course)

Prof. L Umanand  
NPTEL Coordinator  
IISc Bangalore



Indian Institute of Science Bangalore

Roll No: NPTEL23GE01S553500145

To validate the certificate



No. of credits recommended: 3 or 4





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



**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.

A handwritten signature in black ink.

Dr. P. Kiran Sree  
HOD-CSE

A handwritten signature in black ink.

Dr. P. Srinivasa Raju  
Vice-Principal

A handwritten signature in black ink.

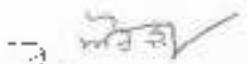
Dr. G. Srinivasa Rao  
Principal



**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.

  
Dr. Rajneesh Arora  
Chairman

National Coordination Committee for Induction Program

  
Prof. Rajive Kumar  
Member Secretary, AICTE

W  
03



VISHNU  
UNIVERSITY LEARNING

# Shri Vishnu Engineering College for Women :: Bhimavaram (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 **G.RAJARAJESHWARE** 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.

Dr. P. Kiran Sree

Dr. P. Kiran Sree

HOD-CSE

Dr. P. Srinivasa Raju  
Vice-Principal

Dr. G. Srinivasa Rao  
Principal

GRHPSY-CE000823

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# **SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY**

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

**Maxelerator  
Foundation  
A  
Technology  
Ideation  
Nursery™**

*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**

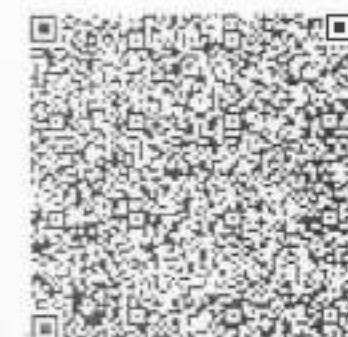
**Dr. G. Prabu**  
SPOC - ITM Initiative

62446

**Dr. C. Sujatha**  
Head of the Department

**Dr. D. Senthil Kumaran**  
Principal

**Nanu Swamy**  
Founder  
**Maxelerator Foundation**





National Institute of  
Technical Teachers Training and Research  
Chandigarh

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

Certificate

*This is to certify that*

**KARTHIKA P**

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

*Participated in the AICTE Recognized Faculty Development Programme*

*on*

**IoT and its Applications**

*Conducted by*

**Electronics and Communication Engineering Department**

*from*

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

*at*

**NITTTR, Chandigarh**



*B. R.*  
Coordinator

  
Director



**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



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

## Certificate of participation

We are proudly present this to Mr.R.JOHN BASKARAN, ECE., to attend the 5 days Faculty Development Programme on "**Basics about Hardware and Software Installation**" from 20.02.2023 to 24.02.2023 in **SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL.**

A handwritten signature in black ink, appearing to read "C.P."/&gt;

Programme Coordinator  
ASP/CSE

A handwritten signature in black ink, appearing to read "G.H.K."/&gt;

HOD/CSE

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

Principal  
SSMIET



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

## Certificate of participation

We are proudly present this to Mr. **S.VAIRAMANI, ECE.**, to attend the 5 days Faculty Development Programme on "**Basics about Hardware and Software Installation**" from **20.02.2023** to **24.02.2023** in **SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL.**

Programme Coordinator  
ASP/CSE

HOD/CSE

Principal  
SSMIET





# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

## Certificate of participation

We are proudly present this to Mr.A.ISSACK, ECE., to attend the 5 days Faculty Development Programme on "**Basics about Hardware and Software Installation**" from 20.02.2023 to 24.02.2023 in **SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL.**

Programme Coordinator  
ASP/CSE

HOD/CSE

Principal  
SSMIET





# **SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY**

## **Certificate of participation**

We are proudly present this to **Mr.K.SEENIVASAPERUMAL, ECE.**,  
to attend the 5 days Faculty Development Programme on "**Basics  
about Hardware and Software Installation**" from **20.02.2023 to  
24.02.2023** in **SSM INSTITUTE OF ENGINEERING AND  
TECHNOLOGY, DINDIGUL.**

**Programme Coordinator**  
**ASP/CSE**

**HOD/CSE**

**Principal**  
**SSMIET**



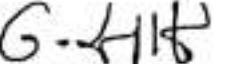


# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

## Certificate of participation

We are proudly present this to Mr.M.BALACHANDRAN, ECE., to attend the 5 days Faculty Development Programme on "**Basics about Hardware and Software Installation**" from 20.02.2023 to 24.02.2023 in **SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL.**

  
Programme Coordinator  
ASP/CSE

  
HOD/CSE

  
Principal  
SSMIET





# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC (2019-24))

Dindigul – Palani Highway, Dindigul – 624 002

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

**ACADEMIC YEAR (2021-2022)**

**(FDP ABSTRACT)**



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC (2019-24))  
Dindigul – Palani Highway, Dindigul – 624 002

## List of Faculty Participation in FDP / Workshop/Seminar

Academic Year: 2021 -22

S. NO.	Name of the Faculty	Date	FDP Details
1	DR.S.KARTHIGAI LAKSHMI	22/11/2021 to 26/11/2021	RF Applications using RFSoC Devices
		13/12/2021 to 17/12/2021	FDP on "Recent Innovative Trends in Biomedical Engineering and Technology"
2	Dr.C.SUJATHA	13/12/2021 to 17/12/2021	FDP on "Recent Innovative Trends in Biomedical Engineering and Technology"
3	DR.K.VINOTHKUMAR	09/06/2022 to 15/09/2022	FDP on "Emerging and innovative Approach in Management,IT and Communication in Teaching and Research"
		03/02/2022 to 09/02/2022	FDP on "Recent Advancements and Emerging technologies in the Area of Education and Research"
4	DR.K.RAJESH	01/12/2021 to 07/12/2021	Orientation/Refresher Program on 'Machine Learning in Bio medical engineering'
		23/05/2022 to 27/05/2022	AICTE recognized FDP on "OBE and NBA Accreditation"
5	Dr.V.JEEVANANTHAM	13/16/2022 to 18/06/2022	Recent Trends on Healthcare Applications using Machine Learning
6	DR.M.JEYALAKSHMI	28/06/2021 to 03/07/2021	FDP on "Multi technologies"
7	A.GEETHA	22/11/2021 to 26/11/2021	FDP on "RF Applications using RFSoC Devices"
		13/12/2021 to 17/12/2021	FDP on "Recent Innovative Trends in Biomedical Engineering and Technology"
8	V.P.JAY FANTIN	15/12/2021 to 17/12/2021	FDP on "Embedded System Design Methodologies using Intel FPGA"



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC (2019-24))  
Dindigul – Palani Highway, Dindigul – 624 002

9	S.DHAMODHARAN	17/01/2022 to 21/01/2022	FDP on "Wearable Devices"
10	R.CAROL PRAVEEN	21/01/2022 to 28/01/2022	FDP on " Advanced Pedagogy using smart tools"
		13/06/2022 to 18/06/2022	Recent Trends on Healthcare Applications using Machine Learning
11	M.MANIKANDAN	20/06/2022 to 25/06/2022	FDP on "EC8701-Antennas and Microwave Engineering"
		17/01/2022 to 22/01/2022	FDP on "EC8095- VLSI Design"
12	R.SENTHIL KUMAR	13/12/2021 to 17/12/2021	FDP on "Recent Innovative Trends in Biomedical Engineering and Technology"
13	DR.M.PREMKUMAR	01/09/2021 to 05/09/2021	FDP on "Societal Applications of AI, Blockchain, and IoT"
		12/07/2021 to 16/07/2021	FDP on "Technology Enablers For Smart Manufacturing Using Industry 4.0"
		13/06/2022 to 18/06/2022	Recent Trends on Healthcare Applications using Machine Learning
14	J.VETRIMANIKUMAR	22/11/2021 to 26/11/2021	FDP on "RF Applications using RFSoC Devices"
15	K.S.ARUNKUMAR	21/01/2022 to 28/01/2022	FDP on "Advanced Pedagogy using smart tools"
16	V.P.GOKULAN	21/01/2022 to 28/01/2022	FDP on "Advanced Pedagogy using smart tools"
17	S.JAYAKUMAR	13/06/2022 to 18/06/2022	Recent Trends on Healthcare Applications using Machine Learning
18	G.SARANYA	13/12/2021 to 17/12/2021	FDP on "Recent Innovative Trends in Biomedical Engineering and Technology"
19	S.KARTHIK	21/01/2022 to 28/01/2022	FDP on "Advanced Pedagogy using smart tools"
20	R.SANGEETHA	15/11/2021 to 23/11/2021	FDP on "Adoptive Approaches for Modern Teaching and Research"



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC (2019-24))  
Dindigul – Palani Highway, Dindigul – 624 002

		18/10/2021 to 23/10/2021	Attended "Faculty induction program"
21	S.ABIRAMI	21/03/2022 to 26/03/2022	IoT and its application in Instrumentation
22	K.DIVYA	21/01/2022 to 28/01/2022	FDP on "Advanced Pedagogy using smart tools"
23	R.VINOTHA	18/10/2021 to 23/10/2021	FDP on "Faculty induction program"

*S.Karthik*  
HoD/ECE

IQAC Coordinator

Principal

Dr.S.KARTHIGAI LAKSHMI  
Professor & Head  
Department of ECE  
SSM Institute of Engg & Tech  
DINDIGUL - 624 002



Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (BUS)  
Principal  
SSM Institute of Engineering and Technology  
Kuttathupatti Village, Sindhalagundu (Po),  
Palai Road, Dindigul - 624 002



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC (2019-24))

Dindigul – Palani Highway, Dindigul – 624 002

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

**ACADEMIC YEAR (2021-2022)**

**(FDP PROOF)**



**Vel Tech**

Rangarajan Dr. Sagunthala  
R&D Institute of Science and Technology

[Conducted by Council of A.C.T.E., Govt. of Tamil Nadu]

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"**, on 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

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

**Dr.D.Santhi**  
Co-ordinator

**Dr.D.Selvathi**  
Convenor

**Dr.S.Arivazhagan**  
Principal

**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.Santhi  
Co-ordinator

Dr.D.Selvathi  
Convenor

Dr.S.Arivazhagan  
Principal

# ONE WEEK ONLINE FDP

Organized by

## IIMT COLLEGE OF MANAGEMENT

IN COLLABORATION WITH

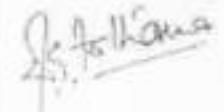
## INDIAN ECONOMIC ASSOCIATION

### E-Certificate of Participation

I hereby Certify that Mr./Ms./Dr./Prof. **DR. K. VINOTH KUMAR** of

**SCHOOL OF ENGINEERING AND TECHNOLOGY** has actively participated in the

One Week Online Faculty Development Programme (FDP) on "Emerging and Innovative Applications in Management, IT and Communication in Teaching and Research" from 29<sup>th</sup> June to 15<sup>th</sup> June, 2022.

  
Prof. (Dr.) Govind Kumar  
General Secretary  
IIMT College of Management

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

  
Dr. A.K. Tomar  
Chief Conference Coordinator  
Indian Economic Association

  
Prof. Ghanshyam N Singh  
President  
Indian Economic Association

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



INSTITUTION'S  
INNOVATION  
COUNCIL  
Ministry of Education Initiating

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



## IIMT College of Management, Greater Noida, U.P. E-Certificate

**Dr.K.VINOTH KUMAR**

I am to certify that Ms./Mr./Dr./Prof.

**SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY**

participated and completed one week

Faculty Development Programme (FDP) on "Recent Advancements and Emerging Technologies in the Area of Education and Research" conducted by IIMT College of Management Greater Noida, U.P. from 3<sup>rd</sup> to 4<sup>th</sup> February 2022.

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

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

**Dr. Abhinna Baxi Shatnagar**  
Director  
IIMT College of Management



# 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



Certificate No: ICT-2520/22

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*

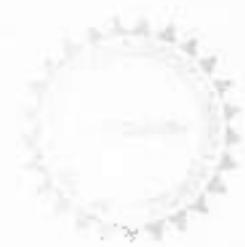
**Electronics and Communication Engineering Department**

*from*

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

*at*

**NITTTR, Chandigarh**



*Coordinator*



*Director*



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

## Department of Information Technology

### Certificate of Participation

*This is to certify that*

Dr. M.E., Ph.D. 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. Shanmukumar M.E., Ph.D.  
Convener

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



# 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](http://www.aec.edu.in)



## CERTIFICATE OF PARTICIPATION

Aditya Engineering College  
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.

Datchana Moorthy  
National Executive President,  
NYC

Ganesh Nag Doddi  
CEO Brainovision

Prof. A. Vanathi  
HOD CSE  
Co-Convenor

Dr. S. Rama Sree  
Dean Academics  
Convenor

Dr. M. Sreenivasa Reddy  
Principal



**Vel Tech**

Rangarajan Dr. Sagunthala  
R&D Institute of Science and Technology  
Deemed to be University Estd. 1948 of UGC Act, 1956

**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**



**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*

Dr. P. Esther Rani  
HOD/ECE

*Dr. V. Jayasankar*

Dr. V. Jayasankar  
DEAN/SOEC

*Dr. A. T. Ravichandran*

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.M.A.Femina  
Co-ordinator**

**Dr.D.Santhi  
Co-ordinator**

**Dr.D.Selvathi  
Convenor**

**Dr.S.Arivazhagan  
Principal**



# 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. 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. E. Ezhilkeyan, ASP/ECE

Convener

Dr. S. Vasuki, HOD/ECE

Principal

Dr. N. Suresh Kumar



## 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 Elementary** FDP on "Wearable Devices" from **17/01/2022** to **21/01/2022** at **St.Joseph's College of Engineering and Technology, Palai, Kerala**.

Advisor-I, ATAL Academy  
Mamta Rani Agarwal



Coordinator



# 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.**

Director (FDC)  
AICTE, ND

Executive Secretary  
ISTE, ND

Program Coordinator  
KLNCE, Pottapalaiyam

Principal  
KLNCE, Pottapalaiyam



**KINGS**  
ENGINEERING COLLEGE



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

## Department of Information Technology

### Certificate of Participation

*This is to certify that*

Dr. Anbumani Carol Praveen 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. C. Shanmugam, M.E., Ph.D.

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

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

ECE...&...Antennas & Microwave Engineering.....conducted in

ONLINE MODE by the Department of Electronics & Communication Engineering

at Rama Institute of Technology, Rajapalayam.....

from 20.06.2022 to 25.06.2022.....

R. Rajalakshmi

COORDINATOR(S)

With Name

Dr. R. RAJALAKSHMI

DIRECTOR

CENTRE FOR FACULTY DEVELOPMENT

REGISTRAR  
ANNA UNIVERSITY

# CERTIFICATE



## 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.P. College of Engineering & Technology, Dindigul.....

from 17.01.2022 to 22.01.2022.....

M. Thiruven

COORDINATOR(S)

With Name

Dr. M. THIRUVENTH

DIRECTOR

CENTRE FOR FACULTY DEVELOPMENT

REGISTRAR  
ANNA UNIVERSITY

**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.Santhi  
Co-ordinator

Dr.D.Selvathi  
Convenor

Dr.S.Arivazhagan  
Principal



One Week National Level Online Faculty Development Program on  
**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 (Autonomous) from 1-5 September 2021. He/She has cleared the end exam successfully.

*[Signature]*  
Convener  
Dr. P. Kiran Sree  
Professor & Head -CSE

*[Signature]*  
Co-Patron  
Dr. P. Srinivasa Raju  
Vice-Principal

*[Signature]*  
Patron  
Dr. G. Srinivasa Rao  
Principal

Scan for free with Certify'em

# CERTIFICATE

## of Participation



NITTE MEENAKSHI  
INSTITUTE OF TECHNOLOGY  
DEPARTMENT OF MECHANICAL ENGINEERING  
ACCREDITED BY NBA (Tier-II)

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.

Dr. H. C. Nagaraj  
Principal,  
NMIT

Sponsored by



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

nirf All India Ranking 128

AICTE COLLEGE OF EXCELLENCE  
CERTIFIED & ACCREDITED

All India Ranks  
03 Under Private Non  
Affiliated Institutes

Certificate ID: SSAHIO-CE000494

Made for free with Certify'em



(Affiliated to Anna University, Chennai. Approved by AICTE)  
27th Main C, Bangalore Highway, Irungattukottai, Sriperumbudur - 602 117

## Department of Information Technology

### Certificate of Participation

*This is to certify that*

Dr. M. Premkumar..... Assistant Professor/ECE  
of G.V.M. 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. Premkumar M.E., Ph.D.  
Convener

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

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

Made for free with Certifyem



# Vel Tech

Rangarajan Dr. Sagunthala  
R&D Institute of Science and Technology  
Deemed to be University Estd. on 8-3-1946

## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



### Certificate of Participation

THIS CERTIFIES THAT

**Vetrimanikumar.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.

Dr. P. Esther Ramu  
HOD/ECE

Dr. V. Jayasankar  
DEAN/SOEC

Dr. A. T. Ravichandran  
DEAN ACADEMICS



## Certificate



This is to certify that **K.SARAVAN 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, Pottapakkam, Tamilnadu.**

Director (FLH)  
AICBN

Biblioteca (FLH) -  
ALCUE-NR

Executive Secretary  
ISIEB, SP

Executive Secretary  
IISTE, N.D.

Program Coordinates

Digitized by srujanika@gmail.com

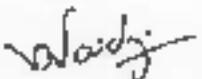


# Certificate



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.**

Director (FDC)  
AICTE, ND

  
Executive Secretary  
ISTE, ND

  
Program Coordinator  
KLNCE, Pottapalaiyam

  
Principal  
KLNCE, Pottapalaiyam



## Department of Information Technology

### Certificate of Participation

*This is to certify that*

Dr./Mr./Ms. **JAYAKUMAR S** AP/ECE

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.**  
Convener

  
**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

**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.Santhi**  
Co-ordinator

**Dr.D.Selvathi**  
Convenor

**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.**

Director (FDC)  
AICTE, ND

Executive Secretary  
ISTE, ND

Program Coordinator  
KLNCE, Pottapalaiyam

Principal  
KLNCE, Pottapalaiyam



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

Estd. 1989

Re-Accredited with 'A' Grade by NAAC

Approved by AICTE New Delhi & Affiliated to Bharathiar University

Shri Gambhiranallur Bapna Nagar, Mahunachampatti, Coimbatore-50, Ph: 0422-2610894/895, Website: [www.snmv.ac.in](http://www.snmv.ac.in), Email: [response@snmv.ac.in](mailto:response@snmv.ac.in)



Estd.. 1964

## Certificate

**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. Bhaktyaraj**  
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**

Mrs. R. SANGEETHA , Assistant Professor

This is to certify that .....

.....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.Shunmugavel)  
Prof. & Head /CSE

Principal  
(Dr.D.Senthil Kumaran)



Ref.no: EIIC/119/2021 22/FFDP/OL/070

## Electronics & ICT Academy

Supported 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.

*Guaranteed*

Dr. Ganesh Trivedi  
E&ICT Academy  
Indian Institute of Technology  
Guwahati

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



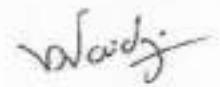
Mr. Kaushikendra Singh Sisodia  
Director  
Uniconverge Technologies Pvt. Ltd.,  
New Delhi



# 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



## **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.Sundaraman)**  
Prof. & Head / Auto

IQC coordinator  
**(Dr.V.Shunmugavel)**  
Prof. & Head /CSE

Principal  
**(Dr.D.Senthil Kumaran)**



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC (2019-24))

Dindigul – Palani Highway, Dindigul – 624 002

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

**ACADEMIC YEAR (2020-2021)**

**(FDP ABSTRACT)**



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC (2019-24))  
Dindigul – Palani Highway, Dindigul – 624 002

## List of Faculty Participation in FDP / Workshop/Seminar

**Academic Year: 2020-21**

S. NO.	Name of the Faculty	Date	FDP Details
1	Dr.S.KARTHIGAI LAKSHMI	01/12/2020 to 07/12/2020	AICTE sponsored STTP on "Research Aspects on Deep learning in Image and Video Processing"
		02/02/2021 to 06/02/2021	AICTE Training And Learning (ATAL) Academy Online FDP on "Artificial Intelligence, Machine learning and Deep learning"
		30/12/2020 to 13/01/2021	Two weeks online FDP on computer vision and image processing: Research issues ,innovation and Application
2	Dr.G.MOHAN BABU	14/09/2020 to 18/09/2020	ATAL FDP on "IoT"
3	Dr.C.SUJATHA	22/02/2021 to 27/02/2021	STTP on "Emerging trends and Research Challenges in Next generation Wireless networks"
		01/12/2020 to 07/12/2020	AICTE sponsored STTP on "Research Aspects on Deep learning in Image and Video Processing"
		27/07/2020 to 01/08/2020	AICTE sponsored one week STTP on "Wireless Communications and Machine Learning Algorithms"
		18/07/2020 to 22/07/2020	Five days Faculty Development Programme on "Machine Learning in Research Perspective"
		02/02/2021 to 06/02/2021	AICTE Training And Learning (ATAL) Academy Online FDP on "Artificial Intelligence, Machine learning and Deep learning"
		30/12/2020 to 13/01/2021	Two weeks online FDP on computer vision and image processing: Research issues ,innovation and Application
4	DR.K.VINOTHKUMAR	14/12/2020 to 19/12/2020	STTP on "Data Analytics in Biomedical Engineering "
		26/10/2020 to 31/10/2020	Seven days STTP on "Cyber security and Block -chain Technologies"



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC (2019-24)  
Dindigul – Palani Highway, Dindigul – 624 002

5	DR.K.RAJESH	15/03/21 to 20/03/21	AICTE sponsored Six days STTP on "Emerging Trends and Research Challenges in Next Generation Wireless Networks"
		01/02/2021 to 05/02/2021	AICTE Training And Learning (ATAL) Academy Online FDP on "Smart cities"
6	A.GEETHA	01/12/2020 to 07/12/2020	AICTE sponsored STTP on "Research Aspects on Deep learning in Image and Video Processing"
		2/11/2020 to 7/11/2020	Six days STTP programme on Artificial intelligence and Deep learning for computational biology
		10/08/2020 to 16/08/2020	One week STTP on "Predictive Analytics using Machine Learning with Python"
		19/10/2020- to 23/10/2020	AICTE Training And Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)"
7	DR.M.JEYALAKSHMI	25/01/2021 to 30/01/2021	AICTE sponsored online QIP on "IoT enabled 5-G Networks infrastructure and Security"
		18/01/2021 to 22/01/2021	AICTE Training And Learning (ATAL) Academy Online FDP on "Quantum Computing"
8	V.P.JAY FANTIN	27/07/2020 to 31/07/2020	Training program on "Future Scope of Engineering in Global development"
9	S.DHAMODHARAN	07/12/2020 to 11/12/2020	FDP on "Sensor Technology"
		07/06/2021 to 11/06/2021	FDP on "Emotional Intelligence"
10	R.CAROL PRAVEEN	18/01/2021 to 22/01/2021	AICTE Training And Learning (ATAL) Academy Online FDP on "Cyber security"
		24/08/2020 to 29/08/2020	Emerging Trends & technologies in data Science
		23/02/2021 to 27/02/2021	AICTE Training And Learning (ATAL) Academy Online FDP on "IOT"
11	M.MANIKANDAN	18/01/2021 to 22/01/2021	AICTE Training And Learning (ATAL) Academy Online FDP on "Cyber security"
12	R.SENTHIL KUMAR	31/05/2021 to 05/06/2021	Anna university Sponsored FDP on "EC-8702 Adhoc and WSN"



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC (2019-24))  
Dindigul – Palani Highway, Dindigul – 624 002

13.	M.PREMKUMAR	14/09/2020 to 18/09/2020	ATAL FDP on "IoT"
		09/09/2020 to 13/09/2020	FDP on "Emerging trends in Robotics and Application"
		21/09/2020 to 25/09/2020	FDP on "Bio Medical Instrumentation and IoT"
		24/08/2020 to 29/08/2020	International FDP on "Emerging Trends & Technologies in data Science"
14	J.VETRIMANIKUMAR	01/12/2020 to 07/12/2020	AICTE sponsored STTP on "Research Aspects on Deep learning in Image and Video Processing"
		2/11/2020 to 7/11/2020	Six days STTP programme on Artificial intelligence and Deep learning for computational biology
		31/05/2021 to 05/06/2021	Anna university Sponsored FDP on "EC-8702 Adhoc and WSN"
15	K.S.ARUNKUMAR	18/01/2021 to 22/01/2021	FDP on "Cyber Security"
16	S.JAYAKUMAR	31/05/2021 to 05/06/2021	Anna university Sponsored FDP on "EC-8702 Adhoc and WSN"
		29/06/2020 to 04/07/2020	STTP on "Design and Simulation of Miniature Antenna Design for IoT Applications"
17	V.JEEVANANTHAM	09/09/2020 to 13/09/2020	STTP on "Emerging Trends in Robotics and Applications"
		14/09/2020 to 18/09/2020	ATAL FDP on "IoT"
		21/09/2020 to 25/09/2020	FDP on "Bio Medical Instrumentation and IoT"
18	S.RASHOKKUMAR	09/09/2020 to 13/09/2020	FDP on "Emerging trends in Robotics and Application"
		21/09/2020 to 25/09/2020	FDP on "Bio Medical Instrumentation and IoT"
		14/09/2020 to 18/09/2020	ATAL FDP on "IoT"



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC (2019-24))  
Dindigul – Palani Highway, Dindigul – 624 002

		24/08/2020 to 29/08/2020	Emerging Trends & technologies in data Science
19	G.SARANYA	01/12/2020 to 07/12/2020	AICTE sponsored STTP on "Research Aspects on Deep learning in Image and Video Processing"
		31/05/2021 to 05/06/2021	Anna university Sponsored FDP on "EC-8702 Adhoc and WSN"
		19/10/2020 to 23/10/2020	ATAL FDP on "IoT"
		02/02/2021 to 06/02/2021	ATAL FDpon "AI Machine Learning and Deep Learning"
		25/01/2021 to 30/01/2021	AICTE sponsored Online QIP-short term course on "IOT enabled 5G Networks"
20	S.KARTHIK	2/11/2020 to 7/11/2020	Six days STTP programme on Artificial intelligence and Deep learning for computational biology
		19/10/2020 to 23/10/2020	ATAL FDP on "IoT"
		23/11/2020 to 28/11/2020	FDP on "Practical Approach to Antenna design and Analysis using Electro Magnetic Simulation Software"
21	A.PARAMESWARI	14/12/2020 to 18/12/2020	STTP on "IoT Technology Solution"
		19/10/2020 to 23/10/2020	ATAL FDP on "IoT"

*J.Karthika*  
HoD/ECE

*J.66*  
IQAC Coordinator

*D.Senthil Kumaran*  
Principal

Dr.S.KARTHIGAI LAKSHMI  
Professor & Head  
Department of ECE  
SSM Institute of Engg & Tech  
DINDIGUL - 624 002



Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)  
Principal  
SSM Institute of Engineering and Technology  
Kuttithupatti Village, Sindalagundu P.O.,  
Palani Road, Dindigul - 624 002.



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Dindigul – Palani Highway, Dindigul – 624 002

---

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

**ACADEMIC YEAR (2020-2021)**

**(FDP PROOF)**



## 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. Sivaranibala  
Coordinator

Dr. B. Sridevi  
Convener & HOD-ECE

Dr. S. Soundararajan  
Principal

No: ATAL/ONLINE/699569814



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi - 110 078

**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 Academics



Coordinator



# PSNA

## COLLEGE OF ENGINEERING & TECHNOLOGY



Estd : 1984

📍 Dindigul-624 622, Tamil Nadu. ☎ 0451-2554411 / 2554032 📩 contact@psnacet.edu.in 🌐 www.psnacet.edu.in



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 Asst. Prof / ECE

Convenor

Dr. G. ATHISHA Prof & Head / ECE



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

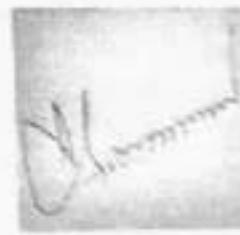
Nelson Mandela Marg, Vasant Kunj, New Delhi - 110 070

### AICTE Training And Learning (ATAL) Academy

#### Certificate

This is certified that 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 2020-9-14 to 2020-9-18 at Dr MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY

Director ATAL Academies



Coordinator



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



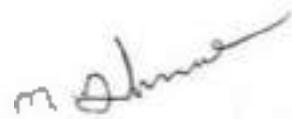
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
Kongunadu College of Engineering and Technology  
(Autonomous)

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 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.

  
Dr. M. Dharmalingam  
HOD / ECE

  
Dr. R. Asokan  
Principal



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



**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. Sivaranjitha*  
Dr M. Sivaranjitha  
Coordinator

*B. L. Sridevi*  
Dr B. Sridevi  
Convenor & 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

A handwritten signature of Dr. G.A.E. Satish Kumar.  
**Dr. G.A.E. Satish Kumar**  
Coordinator

A handwritten signature of Dr. S. Sai Satyanarayana Reddy.  
**Dr. S. Sai Satyanarayana Reddy**  
Principal



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(St. Joseph's Group of Institutions)

OMR, Chennai - 119



### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(NBA Accredited)

# *Certificate of Participation*

This is to certify that Mr./Ms. Dr. C. SUJATHA , 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.

Since 1993

Afni Rose M.E., Ph.D.,  
HOD, CSE

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

No: ATAL/2020/1698881321



## 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 Academics



Coordinator



# PSNA

## COLLEGE OF ENGINEERING & TECHNOLOGY



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



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

Convenor

Dr. G. ATHISHA Prof & Head / ECE



## KARPAGAM ACADEMY OF HIGHER EDUCATION

(Deemed to be University)  
Established Under Sector 3 of UGC Act 1956  
Salem - 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.Vineth 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.

Dr. S. Kamalraj  
STTP CHAIR

Dr. G. K. D. Prasanna Venkatesan  
CONVENOR

Dr. M. Palaniswamy  
REGISTRAR

# GURU NANAK INSTITUTIONS TECHNICAL CAMPUS

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

(AUTONOMOUS)



## 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 Sayal  
Convenor  
Associate Director

Dr. M. Ramalinga Reddy  
Co-Chairman  
Director

Dr. H. S. Saini  
Chairman  
Managing Director

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GURU NANAK INSTITUTIONS TECHNICAL CAMPUS

(AUTONOMOUS)

- School of Engineering & Technology
- School of Management Studies
- School of Pharmacy

GURU NANAK INSTITUTE OF TECHNOLOGY

Other Institutions of the Group

- Panineeya Institute of Dental Science & Hospital
- Guru Nanak Institute of Engineering & Technology (Nagpur)
- Guru Nanak Institute of Engineering & Management (Nagpur)



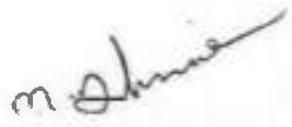
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION  
Sponsored Six Days Short Term Training Programme (STTP) On  
“Emerging Trends and Research Challenges in Next Generation  
Wireless Networks”  
Organized by  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
**Kongunadu College of Engineering and 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**

  
Dr.R.Asokan  
**Principal**

No ATAL/2020/1607346121



## 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  
Constituent College of Anna University, Approved by TGC, Tamil Nadu, India



**NBA**  
ACCREDITATION  
**NAAC**  
NATIONAL ACCREDITATION AND  
DEVELOPMENT AUTHORITY



**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. Siverathinabala*

Dr.M.Siverathinabala  
Coordinator

*B. Sridevi*

Dr.B.Sridevi  
Convener & HOD-ECE

*S. Soundararajan*

Dr S.Soundararajan  
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

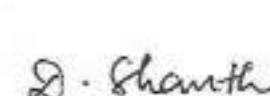
This is to certify that ..... **A. GEETHA**, Assistant Professor  
From ..... SSM Institute of Engineering and Technology  
has participated in the AICTE sponsored online Six days short term training  
programme on Artificial Intelligence and Deep Learning for  
Computational Biology from 2<sup>nd</sup>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

  
**K. M.**

Moderator  
Dr. K. Manivannan  
Associate Professor / CSE

  
Coordinator

Dr. J. Benedict Raja  
Associate Professor / CSE

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





EAMCET/ICET CODE  
MRCW

# 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"**

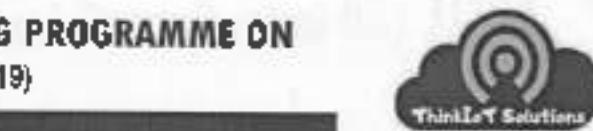
organized by Malla Reddy Engineering College for Women during

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

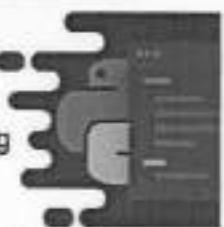
Participant ID: #MRECWSTTPd9

Coordinator

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



Python +  
Machine Learning



Dr. Y. Madhavee Latha  
Convenor

No: ATAL/2020/16/0442333



## 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



भारतीय  
इंस्टीटिउट  
संस्थान  
min. of HRD, Government



INDIAN  
INSTITUTE OF  
TECHNOLOGY  
VARANASI (BHU) 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. Aspy Pratap  
Course Coordinator

Dr. M. Jayalakshmi  
Course Co-coordinator

Dr. Krishnamoorthy  
Course Co-coordinator

Prof. B. R. Shrivastava  
Coordinator, QIP Cell

No: ATAL/2020/160679/0997



## 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 Sathyabama institute of science and technology.

Director ATAL Academies



Coordinator

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**VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY**

(Autonomous)

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{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

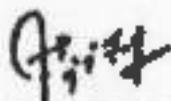
SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

---

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 - 110 076

**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.

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 Dhamodharan, 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



Director NITTTR

No: ATAL /2021/161602195



## 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

# GMR Institute of Technology

An Autonomous Institute Affiliated to JNTUK, Kakinada

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



This is to certify that

**Mr. R. CAROL PRAVEEN**

Assistant Professor / ECI

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.

Dr. A.V. Ramana  
Convener, HOD -CSE

Dr. J. Raja Murugadoss  
Vice Principal

Dr. C.L.V.R.S.V. Prasad  
Principal

No: ATAL/2021/0612428840



## 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 Academics



Coordinator

No: ATAL/2021/640116241



## 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 Kumar, Assistant Professor....

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

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

.....EC-8702 - Ad-hoc & Wireless Sensor Networks.....conducted in

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

at .....PSNA College of Engineering & Technology, Dindigul.....

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

COORDINATOR(S)  
with Name

Dr. C. CHITRA

DIRECTOR  
CENTRE FOR FACULTY DEVELOPMENT

REGISTRAR  
ANNA UNIVERSITY



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 078

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.

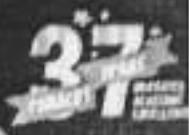
Director ATAL Academies



Coordinator



Prof. M. Premkumar  
Principal



# 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.

Mr. G. M. Srinivasan

Mr. P. RAMESH KUMAR

Mr. J. Booma

DOOZY

Mr. N. V. Iyer

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

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

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

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 Premikumar 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

(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.

**Dr. A.V. Ramana**  
Convener, HOD -CSE

**Dr. J. Raja Murugadoss**  
Vice Principal

**Dr. C.L.V.R.S.V. Prasad**  
Principal



**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. Sivaranibala  
Coordinator

Dr. B. Sri Devi  
Convener & HOD-ECE

Dr. S. Soundararajan  
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 J. VETRIMANIKUMAR, 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

Coordinator

Dr. J. Benedict Raja  
Associate Professor / CSE

D. Shanthi

Convenor

Dr. D. Shanthi  
HOD / CSE



# CERTIFICATE



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

.....Mr. T. Vetri mani Kumar, Assistant Professor....

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

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

.....Ec...8702....Ad.hoc....+....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.....

COORDINATOR(S)  
with Name

Dr. C. CHITRA

DIRECTOR

CENTRE FOR FACULTY DEVELOPMENT

Registrar

ANNA UNIVERSITY



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi - 110 078

**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.

Director ATAL Academies



Coordinator



# 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

.....Ec. 8702 - Ad-hoc & Wireless Sensor Networks.....conducted in

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

at .....PSNA College of Engineering & Technology, Dindigul.....

from .....31.05.2021..... to .....05.06.2021.....

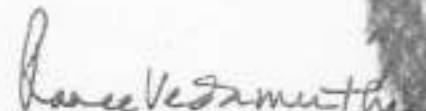
  
COORDINATOR(S)

with Name

Dr. C. CHITRA

  
DIRECTOR

CENTRE FOR FACULTY DEVELOPMENT

  
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”

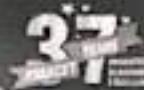
Organized by MVGR College of Engineering (A), Vizianagaram

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  
Convener  
STTP-DSMAIA-2020

Dr. KVL Raju  
Principal  
MVGR College of Engg.(A)



# PSNA

## COLLEGE OF ENGINEERING & TECHNOLOGY



nirf



Department of Electronics & Communication Engineering

### CERTIFICATE OF APPRECIATION

*This is to certify that*

Mr. V.Jeevanantham

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

Mr. R. Saravanan | Dr. J. Bodina | Mr. M. Devakani | Dr. G. Athisha

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

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

Co-ordinator  
Mr. M. Devakani  
Asst Prof / ECE

Convenor  
Dr. G. Athisha  
Asst Prof / 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 **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.

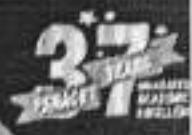
Director ATAL Academies



Coordinator



Estd 1984



# PSNA

## COLLEGE OF ENGINEERING & TECHNOLOGY



nirf



### Department of Electronics & Communication Engineering

## CERTIFICATE OF APPRECIATION

*This is to certify that*

**S.R ASHOKKUMAR**

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.

101 GENOOS

PANTech LEARNING

sunshot

OOZY

NooTech

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

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

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

Convenor  
Dr. G.Athisha  
Prof & Head / ECE



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

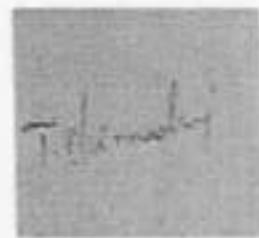
Nelson Mandela Marg, Vasant Kunj, New Delhi - 110 070

AICTE Training And Learning (ATAL) Academy

### Certificate

This is certified that **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

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

# GMR Institute of Technology

An Autonomous Institute Affiliated to JNTUK, Kakinada

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



This is to certify that

**Mr. S.R. ASHOK KUMAR**

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.



**Dr. A.V. Ramana**  
Convener, HOD -CSE



**Dr. J. Raja Murugadoss**  
Vice Principal



**Dr. C.L.V.R.S.V. Prasad**  
Principal



**VELAMMAL**  
INSTITUTE OF TECHNOLOGY  
Accredited by AICTE, Approved by ARAI, Accredited by NAAC with 'A' grade and NAAC-Accredited by NBARC with 'A' grade.



**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.*

*S. Saranya*  
Dr.M.Saravuthibabu\*  
Coordinator

*B.Latha*  
T.P.B.Sudha  
Convenor & HOD-ECE

*(Signature)*  
Dr.S.Srinivasan  
Principal

# 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

EC 8702 - Ad-hoc & Wireless Sensor Networks..... conducted in

ONLINE MODE by the Department of Electronic & Communication Engineering.

at P.A.N.A College of Engineering & Technology, Dindigul.....

from 31.05.2021..... to 05.06.2021.....

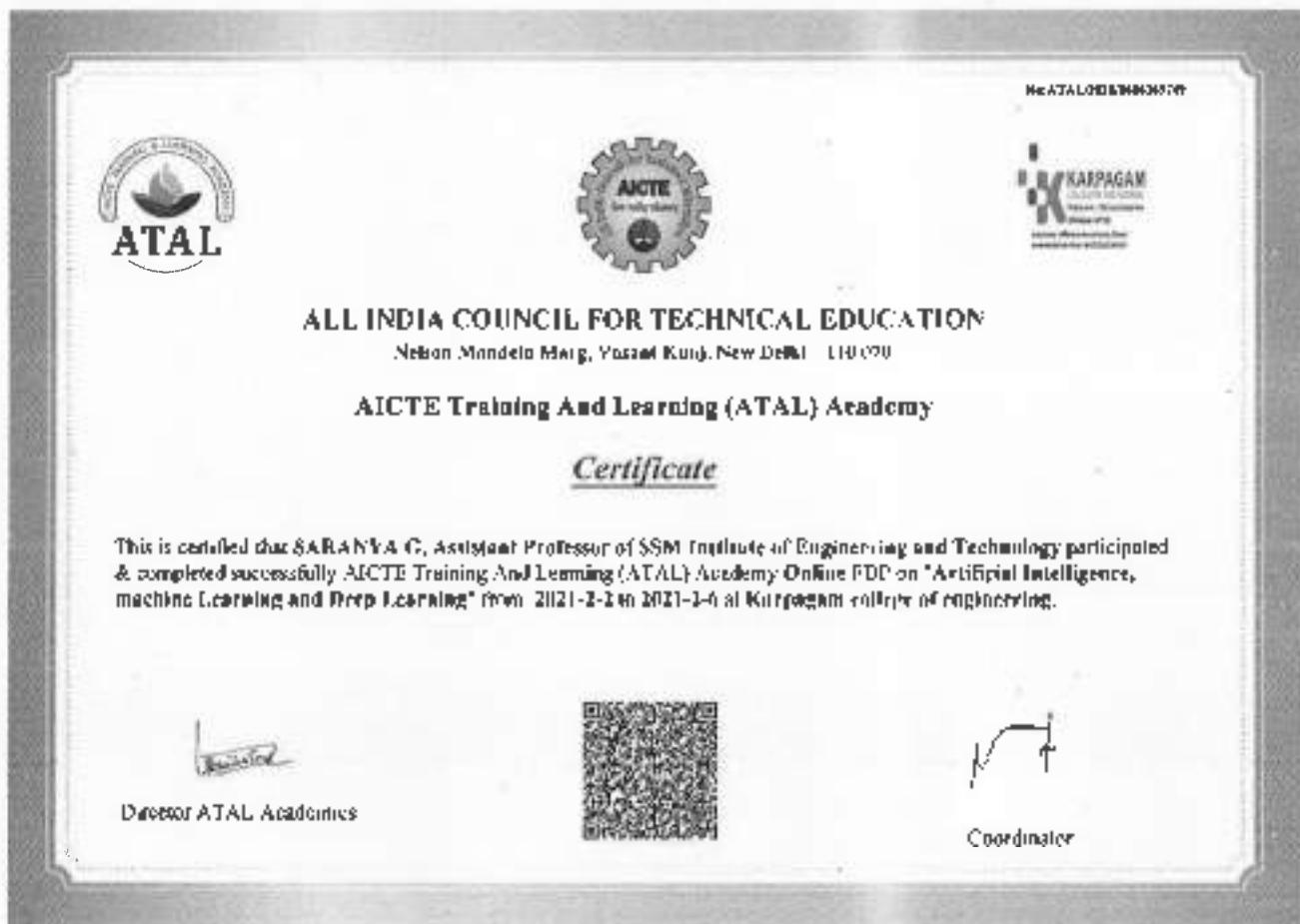
COORDINATOR(S)  
with Name

Dr. C. CHITRA

DIRECTOR  
CENTRE FOR FACULTY DEVELOPMENT

REGISTRAR  
ANNA UNIVERSITY







भारतीय  
प्रौद्योगिकी  
संस्थान  
वाराणसी हिन्दू विश्वविद्यालय



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. Ajay Pratap  
Course Coordinator

Dr. Mayank Swarnkar  
Course Co-coordinator

Dr. Kishor P. Sarawadekar  
Course Co-coordinator

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



# 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)



Mr. S. S. Krishnamoorthy  
Founder



## CERTIFICATE OF PARTICIPATION

This is to certify that S. KARTHIK, 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.R.

Moderator

Dr. K. Manivannan

Associate Professor / CSE

Coordinator

Dr. J. Benedict Raja

Associate Professor / CSE

D. Shanthi

Convener

Dr. D. Shanthi

HOD / CSE



IBM | ORACLE



NATIONAL  
INSTITUTE  
OF  
TECHNOLOGY

No: ATAL/2020/60075328



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Yasant 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 Academics



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



**SREENIDHI**  
EDUCATIONAL GROUP

**SREENIDHI**  
INSTITUTE OF  
SCIENCE AND  
TECHNOLOGY



## Certificate of Participation

This is to certify that Dr./Mr./Ms. / **PARAMESWARI A**, Assistant Professor, SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL 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, Yammampet, Hyderabad, from 23rd November 2020 to 28th November 2020.

A handwritten signature in black ink.

Mr. T. Venkata Rao  
Coordinator

A handwritten signature in black ink.

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

A handwritten signature in black ink.

Dr. T. Ch. Siva Reddy  
Principal

A handwritten signature in black ink.

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, **PARAMESWARI A** 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. Mrs. A. A. Aagashe**  
HOD Electronics Dept.

**Dr. V. B. Dharmadhikari**  
TEQIP Coordinator

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

No.ATAL/2021/1610943665



## 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 Parameswariceme@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 SIKSHAO'ANUSANDHAN.

Director ATAL Academies



Coordinator



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC (2019-24))

Dindigul – Palani Highway, Dindigul – 624 002

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

**ACADEMIC YEAR (2019-2020)**

**(FDP ABSTRACT)**



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC (2019-24)  
Dindigul – Palani Highway, Dindigul – 624 002

## List of Faculty Participation in FDP / Workshop/Seminar

Academic Year: 2019-20

S. NO.	Name of the Faculty	Date	FDP Details
1	Dr.G.MOHAN BABU	13/04/2020 to 25/04/2020	FDP on "Basic Principles of Remote Sensing
2	Dr.C.SUJATHA	Jul-Aug 2019	NPTEL- AICTE FDP course on "Digital Image Processing"
		29/04/2020 to 03/05/2020	Faculty Development Programme on SCILAB
		13/04/2020 to 25/04/2020	FDP on "Basic Principles of Remote Sensing
3	Dr.K.VINOTHKUMAR	04/11/2019 to 08/11/2019	ATAL online FDP on "IoT"
		29/04/2020 to 03/05/2020	Faculty Development Programme on SCILAB
4	Dr.K.RAJESH	29/04/2020 to 03/05/2020	Faculty Development Programme on Arduino
5	A.GEETHA	Jul-Oct 2019	NPTEL- AICTE FDP course on "Introduction to IOT"
6	M.JEYALAKSHMI	31/07/2019 to 05/08/2019	STTP on "Intelligent Video Analytics"
7	S.DHAMODHARAN	13/04/2020 to 25/04/2020	FDP on "Basic Principles of Remote Sensing
8	M.MANIKANDAN	Jul-Oct 2019	NPTEL- AICTE FDP course on "Microwave Theory and Techniques"
9	R.SENTHIL KUMAR	17/12/2019 to 18/12/2019	CSIR sponsored Two days National level workshop On "Artificial Intelligence in Neuroscience:A Clinician's Perspective"



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC (2019-24))  
Dindigul – Palani Highway, Dindigul – 624 002

10	M.PREMKUMAR	16/08/2019 to 21/08/2019	STTP on "Industry and Research perspectives on Advanced Wireless Technology"
11	J.VETRIMANIKUMAR	Jul-Aug 2019	NPTEL- AICTE FDP course on "Introduction to IOT"
12	K.S.ARUNKUMAR	17/12/2019 to 18/12/2019	CSIR sponsored Two days National level workshop On "Artificial Intelligence in Neuroscience: A Clinician's Perspective"
13	S.JAYAKUMAR	16/08/2019 to 21/08/2019	STTP on "Industry and Research perspectives on Advanced Wireless Technology"
14	V.JEEVANANATHAM	29/04/2020 to 03/05/2020	FDP program on Arduino
15	G.Saranya	29/04/2020 to 03/05/2020	FDP program on Arduino
16	S.Karthik	17/12/2019 to 18/12/2019	CSIR sponsored Two days National level workshop On "Artificial Intelligence in Neuroscience: A Clinician's Perspective"
		13/04/2020 to 25/04/2020	FDP on "Basic Principles of Remote Sensing"

*Shanthi*  
HoD/ECE

Dr. S. KARTHIGAI LAKSHMI  
Professor & Head  
Department of ECE  
SSM Institute of Engg & Tec  
DINDIGUL - 624 002

*Geeta*  
IQAC Coordinator



*D.S.*  
Principal

Dr.D.SENTHIL KUMARAN, M.E., Ph.D.,(NAAC)  
Principal  
SSM Institute of Engineering and Technology  
Kuttiyapatti Village, Sindhalagundu (Po),  
Palani Road, Dindigul - 624 002



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC (2019-24))

Dindigul – Palani Highway, Dindigul – 624 002

---

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

**ACADEMIC YEAR (2019-2020)**

**(FDP PROOF)**



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



GOVERNMENT OF INDIA  
DEPARTMENT OF SPACE

INDIAN SPACE RESEARCH ORGANISATION  
INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN



नामांकन सं. / Enrolments No. 20200110206956

# CERTIFICATE OF PARTICIPATION IN ONLINE COURSE

यह प्रमाणित किया जाता है कि डॉ. मोहनबाबू जी को यह प्रमाण पत्र "सूदूर संवेदन प्रौद्योगिकी के मूल सिद्धांत" में ऑनलाइन पाठ्यक्रम पूर्ण करने पर प्रदान किया जाता है। इस पाठ्यक्रम का आयोजन भारतीय सूदूर संवेदन संस्थान (आईआईआरएस) इसी 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: 26-04-2020

Place: Dehradun

निदेशक/ Director

आईआईआरएस, देहरादून/ IIRS, Dehradun



Roll No:NPTEL19EE55551740422

To: C SUJATHA  
 FT 4, PORKUPAM APARTMENT, SBI OFFICERS  
 2ND COLONY  
 SS COLONY  
 MADURAI  
 TAMIL NADU  
 625016  
 PH. NO: 9442039084

Duration of NPTEL course: 12 Weeks



No. of weeks of NPTEL Course	Equivalent 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  
 IT Madras

(Jul-Oct 2019)

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

Roll No: NPTEL19EE55551740422

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

The candidate has completed the above course through MOOCs and has submitted online assignments and passed practical exam.  
 This certificate is hereby issued as eligible for promotion to next CAG as per AICTE rules dated 12th July 2010 under letter ref. No. C. To enquire about E.No. AICTE / RNUO / 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, DINDIGUL 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-PMMMNMTT and secured A+ grade.

**Dr. A. Ravi**

**Convener & HOD, ECE**

**Dr. K. Nageswara Rao**

**Principal**

**Ravuri Subba Rao**

**Secretary & Correspondent**



भारत सरकार  
अंतरिक्ष विभाग  
आरतीय 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 स. / 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) इसके 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**.

—  
निदेशक/ Director

आईआईआरएस, देहरादून/ IIRS, Dehradun

Date: 26-06-2020

Place: Dehradun



**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



SPKEN  
TUTORIAL

## **Faculty Development Programme**

### *Certificate of Participation*

This is to certify that **VINOTH KUMAR KALIMUTHU, 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, PSCMRCT in association with Spoken Tutorial, IIT Bombay-PMMMNMTT and secured A grade.

**Dr. A. Ravi**

**Convener & 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-PMMMNMTT and secured A+ grade.

**Dr. A. Ravi**

**Convener & HOD, ECE**

**Dr. K. Nageswara Rao**

**Principal**

**Ravuri Subba Rao**

**Secretary & Correspondent**

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Roll No: NPTEL19CS65561280001

TO: GEETHA A  
RAJAKAPPATTI(P.O).SILVATHUNIVIA  
DINDIGUL  
TAMIL NADU  
624716  
PH. NO: 9677466296

Duration of NPTEL course: 12 Weeks



No. of weeks of NPTEL Courses	Equivalent 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. Malkhad  
Adviser (Research, Institute & Faculty Development),  
All India Council for Technical Education

Roll No: NPTEL19CS65561280001

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

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed required exams. This certificate is therefore acceptable for promotions under CAS as per AICTE validity upto dated 24<sup>th</sup> July 2019, similar to other refresher / orientation courses. F.No. AICTE/RIFD/FDP through MOOCs / 2017-18



# PSNA

36



## 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



चाहे: पर्सनल संलग्न/नियाम कानून प्रमाण एवं  
OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME

COR901115412020

समन्वय का प्रमाणपत्र  
CERTIFICATE OF COORDINATION

यह प्रमाणित किया जाता है कि एसएसएस इंस्टीट्यूट ऑफ इंजीनियरिंग एंड टेक्नोलॉजी कार्यरत श्री धामोधरन, ने “सुदूर संवेदन प्रौद्योगिकी के मूल सिद्धांत” विषय पर इस संस्थान द्वारा दिनाक 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  
देशादृन्/ DebenJuri

प्रधान,  
जियोबैच सर्विसेज, सूखना प्रौद्योगिकी एवं दूसरा अधिगम विभाग  
Head, Geospatial Services, IT & Distance Learning Department, IIRS

*Dharmodharan*  
तमूह प्रनुष,  
सूखना प्रौद्योगिकी एवं जलशोध कार्यालय समूह  
Group Head, Geospatial Technologies & Outreach Programme Group, IIRS





Roll No:NPTEL19EE57S61280081

To MANIKANDAN M  
2, K. A. YASIMALAI NAGAR, NATHAM ROAD,  
RUDDYAPATTI POST.  
DINDIGUL  
TAMIL NADU  
624003  
PH. NO: 9672618037

Duration of NPTEL course: 12 Weeks



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

## 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 Thangara  
NPTEL Coordinator  
IIT Madras

(Jul-Oct 2019)

Prof. Dilip 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 certificate holder studied for above course through NPTEL mode and submitted all assignments and passed proctored examinations.  
This certificate is also acceptable for presentation in IIT-GATE and AICTE admissions dated 24 July 2019. Similar to other certificates, it contains courses  
T.No. AICTE / RPFY / FDP (through NPTEL) 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./ Mr. /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.

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



"Karthikeyan"  
Thru. R.S. KOTHANDARAMAN  
FOUNDER



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

## Department of Electronics and Communication Engineering

This is to certify that Dr / Mr / Mrs / Miss ..... M. PREM KUHAR,..... AP./...ECE.....  
of S.S.M. 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



Roll No:NPTEL19CS65561280005

To VETRI MANI KUMAR J  
18-B MISP TEACHERS COLONY,  
TILUVATHUR ROAD  
DINDIGUL  
TAMIL NADU  
624005  
PML 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

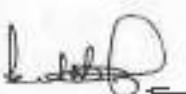
**VETRI MANI KUMAR J**

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. Malkheda  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL19CS65561280005

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

The certificate has started the above course through MOOCs mode, has submitted all the assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAA as per AICTE notification dated 24th July 2019 similar to other semester/curriculum courses.  
F.No. AICTE / RFD / FDP through MOOCs / 2017-18



**SSM Institute of Engineering and Technology**  
Dindigul-Palani Highway, Dindigul - 624002  
(Accredited by NAAC)



Ph: 0451-2448880

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./ Mr. /Ms. K. S. ARUNKUNAR, 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

**Head of Department**  
Dr. S. Karthigai Lakshmi

**Principal**  
Dr. D. Senthil Kumaran



# PSNA

College of Engineering and Technology,  
Dindigul - 624 622.

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



"Kaiyaththa"  
Thiru R.S. KOTHANDARAMAN  
FOUNDER



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

## Department of Electronics and Communication Engineering

This is to certify that Dr./ Mr. / Mrs. / Miss. .... S. Jayakumar, ....., A.P./ECE.....  
of ...S.S.M... 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, PSCMRCT in association with Spoken Tutorial, IIT Bombay-PMMNMTT and secured A+ grade.

**Dr. A. Ravi**  
**Convener & 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 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, PSCMRRET in association with Spoken Tutorial, IIT Bombay-PMMNMTT and secured A grade.

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

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

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

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



**SSM Institute of Engineering and Technology**  
Dindigul-Palani Highway, Dindigul - 624002  
(Accredited by NAAC)



Pb: 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./ Mr. /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

Co-ordinators

Mr. M. Premkumar

Mr. C. D. Achuthan

Head of Department  
Dr. S. Karthigai Lakshmi

Principal

Dr. D. Senthil Kumaran



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 **MRI 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:** 26-04-2020

**Place:** Dehradun

निदेशक / Director

आईआईआरएस, देहरादून / IIRS, Dehradun



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC (2019-24))

Dindigul – Palani Highway, Dindigul – 624 002

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

**ACADEMIC YEAR (2018-2019)**

**(FDP ABSTRACT)**



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC (2019-24))  
Dindigul – Palani Highway, Dindigul – 624 002

## List of Faculty Participation in FDP / Workshop/Seminar

Academic Year: 2018-19

S. NO.	Name of the Faculty	Date	FDP Details
1	Dr.S.KARTHIGAI LAKSHMI	Aug 2018 to Sep 2018	NPTEL Faculty Development Programme on "Outcome Pedagogic principles for Effective Teaching"
2	Dr.C.SUJATHA	Aug 2018 to Sep 2018	NPTEL Faculty Development Programme on "Outcome Pedagogic principles for Effective Teaching"
3	Dr.K.RAJESH	Jan 2019 to April 2019	NPTEL Faculty Development Programme on "IOT"
4	A.GEETHA	Jan 2019 to Mar 2019	NPTEL Faculty Development Programme on "Emotional Intelligence"
5	M.JEYALAKSHMI	Aug 2018 to Oct 2018	Two week Faculty Development Programme on " Nanotechnology in Agriculture"
6	R.CAROL PRAVEEN	26/11/2018 to 08/12/2018	Two week FDP on IT8201-Information Technology Essentials
7	M.MANIKANDAN	Feb 2019 to Apr 2019	NPTEL Faculty Development Programme on "Electromagnetic waves in guided and wireless media"
8	M.PREMKUMAR	Jan 2019 to Feb 2019	NPTEL Faculty Development Programme on "Electronic waste Management Issues and Challenges"
9	J.VETRIMANI KUMAR	Jan 2019 to Mar 2019	NPTEL Faculty Development Programme on "Emotional Intelligence"
10	S.R.ASHOK KUMAR	Jan-Mar 2019	NPTEL Faculty Development Programme on "Emotional Intelligence"
11	A.MERCY	Feb 2019 to Apr 2019	NPTEL Faculty Development Programme on "Enhancing soft skills and Personality"



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC (2019-24))  
Dindigul – Palani Highway, Dindigul – 624 002

12	M.KRITHIKA ANBUDEVI	alias	Feb 2019 to Apr 2019	NPTEL Faculty Development Programme on "Enhancing soft skills and Personality"
13	G.SARANYA		Jan 2019 to Mar 2019	NPTEL Faculty Development Programme on "Emotional Intelligence"
14	S.KARTHIK		26-11-2018 - 30-11-2018	Workshop on "Automation Based on Advanced IoT"
15	T.LEELA PRIYADHARSINI		Feb 2019 to Apr 2019	NPTEL Faculty Development Programme on "Enhancing soft skills and Personality"

HoD/ECE

IQAC Coordinator

Principal

Dr. S KARTHIGAI LAKSHMI  
Professor & Head  
Department of ECE  
SSM Institute of Engg & Tech  
DINDIGUL 624 002



Dr.D.SENTHIL KUMARAN, M.E., Ph.D., [NUS]  
Principal

SSM Institute of Engineering and Technology  
Kuttathupatti Village, Sindlagundu (Po),  
Palani Road, Dindigul - 624 002.



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC (2019-24))

Dindigul – Palani Highway, Dindigul – 624 002

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

**ACADEMIC YEAR (2018-2019)**

**(FDP PROOF)**



# 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

(Aug-Sep 2018)

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

Roll No: NPTEL18GE15S21230113

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 :9865239782



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

**C SUJATHA**



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

(Aug-Sep 2018)

Prof. Dileep N. Makhade  
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  
M2/48, RM COLONY,  
CHENNAI  
TAMIL NADU  
624001  
Ph. NO: 96608378864



Duration of NPTEL course: 12 Weeks

No. of weeks of NPTEL Course	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 Thangara  
NPTEL Coordinator  
IIT Madras

(Jan-Apr 2019)

Prof. Dilip N. Malkhede  
Advisory (Research, Institute & Faculty Development)  
AP India Council for Technical Education

Roll No: NPTEL19CS31S31710539

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

The certificate is issued by the National Programme on Technology Enhanced Learning (NPTEL) under the supervision of the Ministry of Human Resource Development (MHRD), Government of India.  
This certificate is the legal document under section 14 of the MHRD Act, and is valid until 31st July 2024. It is generated for the completion of the following course:  
Title: AICTE / RIGU / FDP through MOOCs / 2017-18

  
Roll No:NPTEL19HS11S21540069

To: DR ITM A.  
CIVL INSTITUTE OF ENGINEERING & TECHNOLOGY  
TVC-16, GAZOON, CHILLAH NAGAR, PUNJAB,  
INDIA-143001  
TELE: 0171-2220000  
MOB: 9814523000

Duration of NPTEL course: 6 weeks

No. of weeks of NPTEL course(s)	Equivalent credit hours available in this regular FDP
4	1 1/2 IOT assessment
8	Two IOT assessments
12	1 1/2 IOT



**NPTEL-AICTE**  
**Faculty Development Programme**

(Conducted 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. Andhra T. Srinivasan  
WFO, Coordinator  
ITM Deemed  
University

  
Prof. Chaitanya Venkatesh  
Additional Professor, Indian II Faculty Development  
All India Council for Medical Education

1 Jan 2019

Roll No:NPTEL19HS11S21540069  
To validate and check scores: <http://npTEL.ac.in>

The candidate has selected the course payment through uGOC e-cash, an e-wallet service provided and powered by uGOC.

This certificate is therefore payable in gross amount of Rs. 125 as per IIT-BHU norms. The certificate is valid for three years from the date of issuance.



# 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

(Aug-Oct 2018)

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

Roll No: NPTEL18BT25S21230085

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:NPTEL18BT25S21230085

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



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

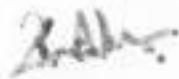
30

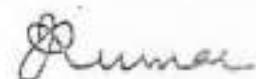
**CENTRE FOR FACULTY DEVELOPMENT  
ANNA UNIVERSITY, CHENNAI-600025.**



**CERTIFICATE OF PARTICIPATION**

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....IT...&201..... 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



Roll No:NPTEL19EE21S61710045

To MANIKANDAN M  
2, K.A. VASIMALA NAGAR, REDDYPAPATTI  
POST, NATHAN ROAD  
DINDIGUL  
TAMIL NADU  
624003  
PH. NO : 9677640057

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 Thangara  
NPTEL Coordinator  
IT Madras

(Feb-Apr 2019)

Prof. Dilip H. Malkhede  
Advisor-I (Research, Institutes & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL19EE21S61710045

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

The candidate has studied the above course through MOOCs or e-learning mode for academic purposes and passed the relevant exams.  
The candidate will be considered eligible for admission under GATE and AICTE and having date: 24 July 2019 as valid to obtain certificates in creation courses.  
T.No. AICTE/7/RU/1/FDP/through MOOCs / 2017-18



Roll No:NPTEL19CE06S21540142

To PREMKUMAR M  
SSM INSTITUTE OF ENGINEERING AND  
TECHNOLOGY  
CANDIGUL  
TAMIL NADU  
624002  
PH. NO :9653642496



Duration of NPTEL course: 4 Weeks

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



## NPTEL-AICTE Faculty Development Programme

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

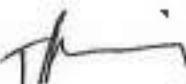


This certificate is awarded to

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



Barcode: Roll No: NPTEL19HS11521860173

To: VETRI MANI KUMAR  
16-B MSP TEACHERS COLONY  
SILUVATHUR ROAD  
DINDIGUL  
TAMIL NADU  
624005  
Ph. No: 9952159242

**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	FDP of one week
12	$1\frac{1}{2}$ FDP



## NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of Human Resource Development)



This certificate is awarded to

**VETRI MANI KUMAR**

for successfully completing the course

**Emotional Intelligence**

with a consolidated score of 75 / 100

Prof. Andrew Thangara,  
NPTEL Coordinator  
IIT Madras

Date: 07-07-2019

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

Roll No: NPTEL19HS11521860173

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.

Participants are passed proctored exams.  
This course is similar to other refresher / orientation courses.

F.No. AICTE / RFD / FDP



Roll No:NPTEL19HS11S21540136

To ASHOKKUMAR S R  
SSM INSTITUTE OF ENGINEERING AND  
TECHNOLOGY  
DINDIGUL  
TAMIL NADU  
624002  
PH. NO. +919995024

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  
IT Madras

(Jan-Mar 2019)

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

Roll No: NPTEL19HS11S21540136

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



Roll No: NPTEL19HS22541710591

To A MERCY  
SANT INSTITUTE OF ENGINEERING AND  
TECHNOLOGY  
CHAMARAJAPET  
Danduguppe  
TAMIL NADU  
631002  
PIN NO. 6004122024

Duration of NPTEL Course: 8 Weeks



Nu. of weeks of NPTEL Courses	Equivalence of NPTEL courses with regular FDP
4	$\frac{1}{2}$ FDP of one week
0	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. Cileep N. Malhotra  
AICTE- Research, Institute & Faculty Development  
AICTE Council for Technical Education

Roll No: NPTEL19HS22541710591

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

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed the final exam.  
This certificate is therefore acceptable for promotions under CAB as per AICTE regulations dated 24<sup>th</sup> July 2016, similar to AICTE Institutes / AICTE Approved  
FAs, AICTE/RIFD/FDP through MOOCs 1/2017-18

14



Roll No:NPTEL19HS22541710611

To: MKRITHIKA ALIAS ANBUDEVI  
 SSM INSTITUTE OF ENGINEERING AND  
 TECHNOLOGY, SINDALAGUNDU POST,  
 AKKARAIAPATTI  
 DHINCHIKUL  
 TAMIL NADU  
 624002  
 PH. NO: 0979794411

Duration of NPTEL course: 8 Weeks



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



## 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

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

Roll No: NPTEL19HS22541710611

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

The candidate is certifying that above course (NPTEL course) has submitted all assignments and passed pre-required exams.  
 The certificate is not acceptable for promotion under CGE as per AICTE notification dated 29 July 2018, regarding other e-learning certificate courses.  
 F.No. AICTE/PRNG/FDP through MOOCs / 2017-18

(2)



Roll No:NPTEL19HS11S21S40007

To SARANYA G  
35-B, WEST GOVINDAPURAM, DINDIGUL  
DINDIGUL  
TAMIL NADU  
624001  
PH. NO: 9677900270

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 Thangara  
NPTEL Coordinator  
IIT Madras

(Jan-Mar 2019)

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

Roll No: NPTEL19HS11S21S40007

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..... on .... Automation.... based.... On.....  
.... Advanced.... IoT..... at Gemicates Labs, Chennai held on ..26-11-2018...., to ...30-11-2018....

Aparaj  
Incharge  
Gemicates Labs

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



Roll No:NPTEL19HS22541710603

To LEELA PRIYADHARSINI  
SSM INSTITUTE OF ENGINEERING AND  
TECHNOLOGY  
AGARIPATTI  
DHINDIGUL  
TAMIL NADU  
624002  
Ph. No : 8828315260

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

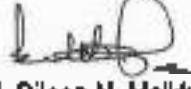
LEELA PRIYADHARSINI T

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

with a consolidated score of 91 %

  
Prof. Andrew Thengara  
NPTEL Coordinator  
IIT Madras

(Feb-Apr 2019)

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

Roll No: NPTEL19HS22541710603

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