

# DEPARTMENT OF CYBER SECURITY

## NEWSLETTER JULY - DECEMBER (2024 – 2025 ODD SEMESTER)

**DHANALAKSHMI SRINIVASAN  
ENGINEERING COLLEGE  
(AUTONOMOUS)**  
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai  
Re-Accredited with 'A' Grade by NAAC, Accredited with TCS  
Re-Accredited by NBA (BME, ECE & EEE)  
PERAMBALUR - 621 212, TAMIL NADU

**DEPARTMENT OF CYBER SECURITY**  
Organizes  
*One day Seminar on Art of Cyber Defense*

Date: 26/09/2024  
Year: II/CST

Chief Guest  
Mr. Syed Khaja S A  
Technical Engineer  
LiveWire Corporate, Chennai

Time: 10.00 am  
Venue: DSEC(A)-D(101)

**LIVEWIRE™**  
FOR LIVE CAREERS  
PERAMBALUR

All Are Welcome!!!



**One day Seminar :** A seminar on the Art of Cyber Defense was conducted by LIVE WIRE Institution, focusing on the importance of cyber security in today's digital landscape On 26<sup>th</sup> September 2024 by Mr. Syed & Team.

# Faculty Contribution

## FACULTY PUBLICATIONS

**Mr.D.Vijayakumar / CST** published a patent title “Wearable Sensor with Artificial Intelligence for Prevention of Falls in Elderly People” on 15/11/2024, Application No: 202441084794 A

**Mrs.R.Arunapriya / CST** accepted a Paper in Scopus titled “Niclenet- A Novel IOT based Pest Identification and Classification using CNN and LSTM

**Mrs.R.Arunapriya / CST** presented a Paper in IEEE Conference and published in scopus titled “An optimal hyper parameter selection of deep learning model for automatic citrus fruit and leaves diseases detection.

(12) PATENT APPLICATION PUBLICATION	(21) Application No.202441084794 A
(19) INDIA	
(22) Date of filing of Application :05/11/2024	(43) Publication Date : 15/11/2024
(54) Title of the invention : Wearable Sensor with Artificial Intelligence for Prevention of Falls in Elderly People	
(51) International classification : A61B0005110000, A61B0005000000, G16H0050200000, G16H0050300000, G06N0020000000	(71)Name of Applicant : 1)Dr. P. Deepan, St. Peter's Engineering College Address of Applicant :Associate Professor & Head, Department of CSM, St. Peter's Engne Maisammaguda, Hyderabad – 500100, Telangana, India. Hyderabad ----- 2)Mr.D.Vijayakumar, Dhanalakshmi Srinivasan Engineering College 3)Mr.S.Ponnuthurai, Saranathan College of Engineering 4)Mrs.S. Sathiya, Arasu Engineering College 5)Mr.P.Ranjith, K.Ramakrishnan College of Engineering (Autonomous) 6)Dr.Poornima Devan, Sathyabama Institute of Science and Technology 7)Mrs.A.Dhanamathi, Roever Engineering College 8)Mr.S.Venkateswaran, Veltech Rangarajan Dr Saguathala R&D Institute of Science 9)Dr H Niroshini Infantia, St.Joseph's Institute of Technology 10)Mrs.R.Kiruthiga, Bannari Amman Institute of Technology Name of Applicant : NA Address of Applicant : NA
(86) International Application No : NA Filing Date : NA	(72)Name of Inventor : 1)Dr. P. Deepan, St. Peter's Engineering College Address of Applicant :Associate Professor & Head, Department of CSM, St. Peter's Engne Maisammaguda, Hyderabad – 500100, Telangana, India. Hyderabad ----- 2)Mr.D.Vijayakumar, Dhanalakshmi Srinivasan Engineering College Address of Applicant :Assistant Professor, Department of Cyber Security, Dhanalakshmi Sri Engineering College, Perambalur. Perambalur ----- 3)Mr.S.Ponnuthurai, Saranathan College of Engineering Address of Applicant :Assistant Professor, Department of AIDS, Saranathan College of Eng Thiruchirappalli – 620012. Thiruchirappalli ----- 4)Mrs.S. Sathiya, Arasu Engineering College Address of Applicant :Assistant Professor, Department of CSE, Arasu Engineering College, Kumabakonam ----- 5)Mr.P.Ranjith, K.Ramakrishnan College of Engineering (Autonomous) Address of Applicant :Assistant Professor, K.Ramakrishnan College of Engineering (autono Samayapuram, Trichy Trichy ----- 6)Dr.Poornima Devan, Sathyabama Institute of Science and Technology Address of Applicant :Assistant Professor, Department of Computer Science and Engineerin Institute of Science and Technology,Jeppiaar Nagar, SH 49A, Chennai - 600119, Tamil Nad ----- 7)Mrs.A.Dhanamathi, Roever Engineering College Address of Applicant :Assistant Professor, Department of CSE, Roever Engineering College Perambalur -----
(87) International Publication No : NA (61) Patent of Addition to Application Number : NA Filing Date : NA	
(62) Divisional to Application Number : NA Filing Date : NA	

## FACULTY CONTRIBUTION

- ✚ **Mr.D.Vijayakumar / CST** successfully completed the **NPTEL** online certification course on “Cloud Computing” in July – October 2024 (12 weeks Course).
- ✚ **Mrs.R.Arunapriya / CST** successfully completed the **NPTEL** online certification course on “Cyber Security and privacy” in July – October 2024 (12 weeks Course).



### NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**VIJAYAKUMAR D**  
for successfully completing the course  
**Cloud Computing**

with a consolidated score of **56** %

Online Assignments	24.47/25	Proctored Exam	31.4/75
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Total number of candidates certified in this course: **30816**

Jul-Oct 2024  
(12 week course)



**Prof. Haimanti Banerji**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



FREE ONLINE EDUCATION  
**swayam**  
कोशल भारत, कुशल भारत

Roll No: NPTEL24CS118S1062300182 To verify the certificate  No. of credits recommended: 3 or 4



### NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**ARUNAPRIYA R**  
for successfully completing the course  
**Cyber Security and Privacy**

with a consolidated score of **58** %

Online Assignments	24.06/25	Proctored Exam	33.68/75
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Total number of candidates certified in this course: **6461**



**Prof. Andrew Thangaraj**  
Chair  
Centre for Outreach and Digital Education, IITM

Jul-Oct 2024  
(12 week course)



**Prof. Vignesh Muthuvijayan**  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



FREE ONLINE EDUCATION  
**swayam**  
कोशल भारत, कुशल भारत

Roll No: NPTEL24CS121S962300035 To verify the certificate  No. of credits recommended: 3 or 4

## STUDENTS CONTRIBUTION

- Ms. S. Cyrilla II Year / CST** successfully completed the NPTEL online certification course on “Google Cloud Computing Foundations” in August – October 2024 (8 weeks Course).
- Ms. S. Sugashri II Year / CST** successfully completed the NPTEL online certification course on “Google Cloud Computing Foundations” in August – October 2024 (8 weeks Course).
- Mr. S. Mohamed Ismail II Year / CST** successfully completed the NPTEL online certification course on “The Joy of Computing Using Python” in July – October 2024 (8 weeks Course).

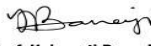
**Elite**  
**NPTEL ONLINE CERTIFICATION**  
(Funded by the MoE, Govt. of India)


This certificate is awarded to  
**CYRILLA S**  
for successfully completing the course  
**Google Cloud Computing Foundations**  
with a consolidated score of **62** %


Online Assignments	22.5/25	Proctored Exam	39.54/75
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Total number of candidates certified in this course: **6940**

Aug-Oct 2024  
(8 week course)

  
**Prof. Haimanti Banerji**  
Coordinator, NPTEL  
IIT Kharagpur

 Indian Institute of Technology Kharagpur

  
FREE ONLINE EDUCATION  
**swayam**  
Go to Settings to activate Win  
No. of credits recommended: 2 or 3

Roll No: NPTEL24CS131S555401325 To verify the certificate 


**Elite**  
**NPTEL ONLINE CERTIFICATION**  
(Funded by the MoE, Govt. of India)


This certificate is awarded to  
**S MOHAMED ISMAIL**  
for successfully completing the course  
**The Joy of Computing Using Python**  
with a consolidated score of **66** %


Online Assignments	21.03/25	Proctored Exam	45/75
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Total number of candidates certified in this course: **16472**

Jul-Oct 2024  
(12 week course)

  
**Prof. Vignesh Muthuvijayan**  
NPTEL Coordinator  
IIT Madras

 Indian Institute of Technology Madras

  
FREE ONLINE EDUCATION  
**swayam**  
Go to Settings to activate Win  
No. of credits recommended: 3 or 4

Roll No: NPTEL24CS113S762300077 To verify the certificate 



# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**SUGASHRI S**

for successfully completing the course



**Google Cloud Computing Foundations**

with a consolidated score of **58** %

Online Assignments	22.5/25	Proctored Exam	35.16/75
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Total number of candidates certified in this course: **6940**

**Aug-Oct 2024**

(8 week course)

**Prof. Haimanti Banerji**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Activate Windows

Roll No: NPTEL24CS131S652600658

To verify the certificate



No. of credits recommended: 2 or 3 Wind

## + Students Participations

S. No	Name of the student	Year /Dept.	Nature of Program	Organizer	Date
1	S. Cyrilla	II / CST	Online Course on “Masterclass in Cyber Security”	NoviTech R&D Pvt Ltd.	17 <sup>th</sup> October to 29 <sup>th</sup> November.
2	S. Cyrilla		One Day National Level Seminar” Generative AI and its Impact on Future Technologies”	K. Ramakrishnan College of Engineering.	16 <sup>th</sup> November 2024
3	N. Hemadharshini				
4	DV.Suruthilaya				
5	T. Asha				
6	R. Nandhitha				
7	S.Harini				
8	D. Jayavarman				
9	N. NisharAhamed.		Natioanal Level symposium “COMBLAZE – 2K24”	M.A.M College of Engineering	24 <sup>th</sup> September 2024
10	I. Ponnilavan		Online quiz	RBI@90	September 2024
11	S. Sugashri				
12	S. Sugashri		Internship Program & Online Course Cyber Security With Ethical Hacking	Rinex Technology	July – September 2024
13	R. Nandhitha		Workshop	IIT Madras Research Park	25.08.2024
14	DV.Suruthilaya				
15	S. Durga Nanthini Devi				
16	A.Thetchina Moorthi				
17	V. Harish				
18	R. Aravinth				
19	V. Dhinesh				
20	A. Sham				
21	K. Sabarish				
22	V. Manoj				
23	S. Kishore				
24	S.Krithik Roshan				
25	T. Asha				
26	N. Hemadharshini				
27	S. Harini				

S. No	Name of the student	Year /Dept.	Nature of Program	Organizer	Date
28	S. Durga Nanthini Devi	II / CST	Workshop	Zgrow Solutions Pvt ltd	23 <sup>rd</sup> and 24 <sup>th</sup> August 2024
29	S. Kishore				
30	K. Sabarish				
31	S.Krithik Roshan				
32	A. Sham				
33	J. Yazheniyan				
34	V. Manoj				
35	S. Harini				
36	R. Nandhitha				
37	N. Hemadharshini				
38	T. Asha				
39	DV.Suruthilaya				
40	E. Rajesh		Continuing Education Programme on Real-Time Applications Using Labview With Arduino	PSG College Of Technology	23 <sup>rd</sup> and 24 <sup>th</sup> August 2024
41	E. Nandhakumar				
42	D. Prakash				
43	S. Vignesh				
44	D.Nishanth		Cultural	DSEC(A)	15 <sup>th</sup> August 2024
45	S.Agustin				
46	S.Gopika		Online Course on “Masterclass in Artificial Intelligence”	NoviTech R&D Pvt Ltd.	18 <sup>th</sup> July to 17 <sup>th</sup> August 2024.
47	S. Sugashri				
48	S. Cyrilla		Workshop on “FlutterApp Development”	Kongu Engineering College	09 <sup>th</sup> August 2024
49	D. Dhanalakshmi				
50	G. Subasri				
51	H. Hadhi Noor Mohamed		Internship & Online Course on “Masterclass in Artificial Intelligence”	NoviTech R&D Pvt Ltd.	18 <sup>th</sup> April to 17 <sup>th</sup> May 2024.
52	H. Hadhi Noor Mohamed		Offline workshop	Edu Fabrica	30 <sup>th</sup> and 31 <sup>st</sup> March 2024.

## Faculty Participations

S. No	Name/Dept.	Type of Program	Title of the Program	Organizing Institute	Date
1	Mr.D.Vijayakumar / IT	NPTEL FDP	Cloud Computing	NPTEL.	July – October 2024
	Mr.D.Vijayakumar / IT	ICTACT FDP	Leadership Skills for Teachers	Dhanalakshmi Srinivasan Engineering College (Autonomous), Perambalur - 621212	08 Jul 2024 to 10 Jul 2024
	Mr.D.Vijayakumar / IT	ISTE FDP	Data Journey: Discovering Science and Visualization	Sai Ram Engineering College, Chennai	16.12.2024 to 21.12.2024
	Mrs.R.Arunapriya / IT	ISTE FDP	Data Journey: Discovering Science and Visualization	Sai Ram Engineering College, Chennai	16.12.2024 to 21.12.2024
	Mr.D.Vijayakumar / IT	IEEE Seminar	Legacy to Modern- Authentication Techniques in Cyber Security	Kongunadu college of Engineering and Technology (Autonomous)	31.12.2024
	Mrs.R.Arunapriya / IT	IEEE Seminar	Legacy to Modern- Authentication Techniques in Cyber Security	Kongunadu college of Engineering and Technology (Autonomous)	31.12.2024