



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

(An Autonomous Institution)

Dindigul – Palani Highway, Dindigul 624 002

## INTERNAL QUALITY ASSURANCE CELL - IQAC

### Department Of Information Technology

### Abstract on the Department Level Data

**Academic Year: 2025 -26**

**Semester: ODD**

S. No	Details	Count
1	Faculty Count	06
2	No. of Non-Teaching Faculty	01
3	No. of Doctorates	02
4	No. of Faculty Pursuing Ph.D.,	Nil
5	No. of Research Supervisor	Nil
6	Total No. of Publications	04
7	No. of Events Organized	05
8	No. of VAC Offered	02
9	No. of Industrial Visit made	02
10	No. of Active MoUs	03
11	No. of Events in which students participated in outside Institutions	06
12	No. of the Faculty with FDP Participation (5 Days)	04

**PRINCIPAL**



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### Department Of Information Technology

#### Faculty Publications

(All Peer – Reviewed Journals from 2025 June to Till Now)

**Academic Year: 2025 -26**

**Semester: ODD**

S. No	Name of the Faculty	No. of Publications
1	Dr. G. Prabhu	1
2	Dr. J. Wilson	3

#### **List of Publications in APA Style:**

1. SFFHO: Development of Statistical Fitness-based Fire Hawk Optimizer for Software Testing and Maintenance Approach using Adaptive Deep Learning Method, G. Prabu,C. Sujatha,J. Erin Shine,T. Arulkumar Journal of Electronic Testing, DOI Number :10.1007/s10836-025-06177-3
2. An Interpretable Intrusion Detection Approach for IoT Using Graph Attention Networks and Transformer Models with Balanced Learning, Wilson J., Abhijit P. Deshpande, Premkumar M., Yuvaraja T., Technical Gazette, 1848-6339, DOI Number: 10.17559/TV-20250720002849.
3. Enhanced Data Security and Transmission for IoT-Driven Smart Agriculture Using Hybrid Optimization and Cryptograph, Wilson John Joseph, Vinoth Kumar Kalimuthu, Saranya Shanmugam, Mano Joel Prabhu Pelavendran Technical Gazette, 1848-6339, DOI Number: 10.17559/TV-20250802002878.
4. IoT-Enabled MQTT-Based Real-Time Bike Safety System for Intelligent Hazard Detection and Rider Protection, John Joseph Wilson, Vinoth Kumar Kalimuthu\*, Mohan Kumar A., Parameswari Alagarsamy Technical Journal, 1848-5588, DOI Number: 10.31803/tg-20251018151642.



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## INTERNAL QUALITY ASSURANCE CELL - IQAC

### Department Of Information Technology

### Departmental Events

**Academic Year: 2025 -26**

**Semester: ODD**

S. No	Date	Event Details
1	24.7.25	Seminar on Career Opportunities in IT sector and Higher studies
2	25.8.25	Seminar on AI&ML in IT Sector
3	10.9.25	Seminar on How Websites and Apps are Built: Idea → Code → Cloud
4	24.9.25 - 26.9.25	Software Testing Workshop
5	17.10.25	Seminar on Data Science

## Glimpses of Events Details

### (Pictures with captions)

Fig 1. Seminar on Career Opportunities in IT sector and Higher studies



Fig2:Seminar on AI&ML in IT Sector



Fig3:Seminar on Data Science



Fig 4:Software Testing WorkShop



Fig 5:Software Testing WorkShop



Fig 6:Software Testing WorkShop



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### Department Of Information Technology

#### Details of VAC Offered

**Academic Year: 2025 -26**

**Semester: ODD**

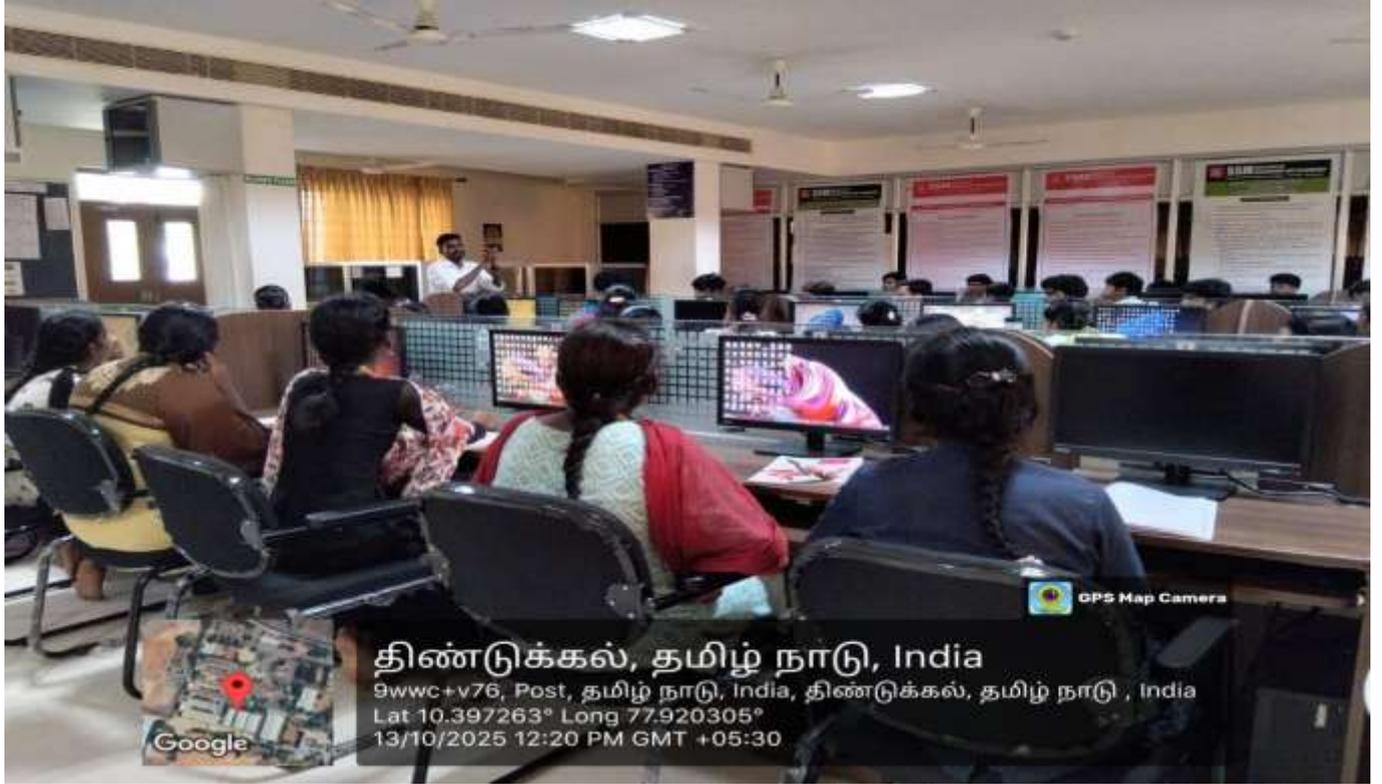
S. No	Class and Branch	Details of VAC offered	Period (Date: From – To)
1	II Year IT	Value Added Course-Fundamentals of Data Science	13.10.25- 17.10.25
2	III Year IT	Value Added Course-Full Stack	13.10.25- 17.10.25

#### Glimpses of VAC Course



**Fig 1: Value added Course for III year IT on FULL STACK WEB DEVELOPEMENT**

**Fig 2: Value added Course for II year IT on DATA SCIENCE**





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## INTERNAL QUALITY ASSURANCE CELL - IQAC

### Department Of Information Technology

#### Details of Industrial Visits

Academic Year: 2025 -26

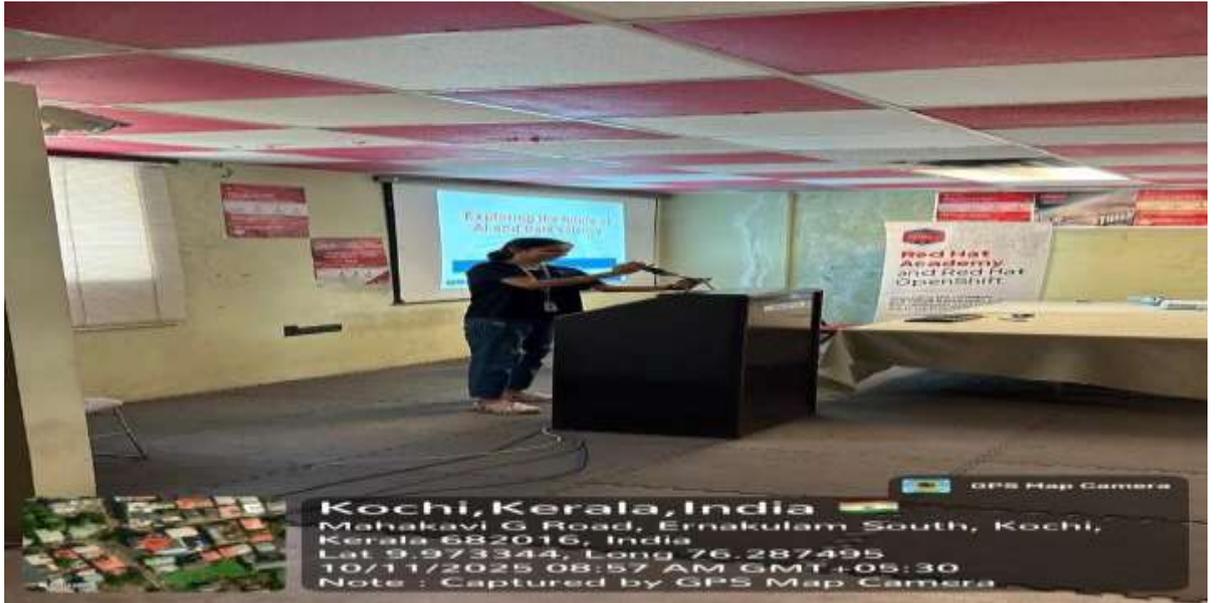
Semester: ODD

S. No	Class / Branch	Place of Visit	Date of Visit
1	II year IT	Kevel Guro corps. Madurai	25.07.2025
2	II year IT	Spectrum Softech Solutions (P) Ltd, cochin, Kerala	11.10.2025

**Glimpses of the Industrial Visits**  
(Photo Proofs with captions)



Industry Interaction with KEVELL CORP ,Madurai on 25.7.25



Industry Exposure Programme Organized with Spectrum Softtech Solutions (P) Ltd, cochin, Kerala



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### Department Of Information Technology

#### Details of Active MoUs

**Academic Year: 2025 -26**

**Semester: ODD**

S. No	MoU Signed Company - Details	Date of MoU Signed	Validity of MoU (Period)
1	WIZinoa Technology , Madurai	14.8.2025	Life Time
2	Nexitance Technology LLP Trichy	10.9.2025	Life Time
3	Kriyaactive verse private limited	17.10.2025	Life Time

### Glimpses of MoU Signed ceremony

**(Pictures / MoU copies with captions)**



Kriyaactive verse private limited collaborates to provide students with practical, Industry aligned skills while offering faculty opportunities to lead innovative research initiatives.



Nextance Technology LLP Trichy collaborates to provide students with practical, Industry aligned skills while offering faculty opportunities to lead innovative research initiatives.



WIZinoa Technology Madurai collaborates to provide students with practical, Industry aligned skills while offering faculty opportunities to lead innovative research initiatives.



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## INTERNAL QUALITY ASSURANCE CELL – IQAC

### Department Of Information Technology

#### Student Achievements (Excluding Sports)

**Academic Year: 2025 -26**

**Semester: ODD**

S. No	Name of the Student	Class / Branch	Details of Achievements (Other Institution Participation)
1	Vimal Sasthaa Oviya Thanya shree, Sangeetha, Suganya Srimathi	III Year	Smart India Hackathon 2025
2	Mathu Mitha Janani Farjas Bharathi Kannan	III Year	Women in Robotics 2025
3	Tharun Raj A	II Year	Technical Event-Science Tech Fest_2025, Dhanalakshmi Srinivasan University
4	Anisha J	III Year	PenmAI -AI Work Shop, Thiagarajar School of Management, Madurai
5	Hadhiya Mansoor J	III Year	PenmAI -AI Work Shop, Thiagarajar School of Management, Madurai
6	Asitha Deepthi M	III Year	PenmAI -AI Work Shop, Thiagarajar School of Management, Madurai
7	Jasmin Nirmala D	III Year	PenmAI -AI Work Shop, Thiagarajar School of Management, Madurai
8	Sangeetha S	III Year	National Level Work Shop – KonguNadu College of Engineering and Technology
9	Sangeetha S	III Year	Codenexus Full Stack Development Work Shop – VIT Chennai

## Glimpses of the Achievements (Sample Photo Proofs)





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### Department Of Information Technology

### Faculty Achievements

Academic Year: 2025 -26

Semester: ODD

S. No	Name of the Faculty	Faculty Participation, Presentation (Conferences) / Industry Connect / Certifications / QIP / FDP (List all the achievement in the Odd Semester)
1	Dr.J.Wilson	FDP(online)-2,FEP(online)-1
2	Mrs.D.Devi Shree	FDP(Online)-2,Conference-1,Counselling-1
3	Mrs.P.S.Cyrilla Destemona	ATALFDP(online)-3, Faculty Empowerment Conclave (offline)- 1,FIP(offline)-1,NPTEL(Cloud computing)+FDP
4	Mrs.K.Karthikai Selvi	ATALFDP(online)-2,FDP(offline)-1, Nvidia Certification
5	Ms.J.Shanjuvikasini	FDP(Online)-1,FTP(Offline)-1

### PROOF DETAILS

Name of the Faculty	Proof (Certificate Proof / Event Participation Proof with Captions)
Dr.J.Wilson	<p>FDP(Offline)-Bannari Amman Institute</p> 

FDP(Offline)-IIT Bombay



FEP(Offline)-Infosys Springboard



FIP(Offline)



Mrs.P.S.Cyrilla  
Destemona



## NPTEL-Cloud Computing



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

This certificate is awarded to  
**CYRILLA DESTEMONA P S**  
for successfully completing the course  
**Cloud Computing**  
with a consolidated score of **55 %**

Online Assignments	25/25	Proctored Exam	26/75
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Total number of candidates certified in this course: 27874

Jul-Oct 2025  
(12 week course)

Prof. Animesh Barua  
Director, NPTEL  
IIT Bombay

Indian Institute of Technology Bombay

swayam

Roll No: NPTELXCE1075-0500145 To verify the certificate

No. of credits recommended: 2 or 4

## NPTEL-Cloud Computing(FDP)



**NPTEL-AICTE**  
**Faculty Development Programme**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**CYRILLA DESTEMONA P S**  
for successfully completing the course  
**Cloud Computing**  
with a consolidated score of **55 %**

Prof. Animesh Barua  
NPTEL Director  
IIT Bombay

Roll No: NPTEL25ACS1075415620145

Duration of NPTEL Course: 12 Weeks

The candidate has achieved the above course through MOODS study, the candidate's prior achievement and proctored proctored exam. The candidate's number assigned by proctoring is the roll no. NPTEL25ACS1075415620145. Roll No. 555, score is 55.50. (Candidate's course ID: NPTEL25ACS1075415620145)

## FDP(Offline)-IIT Bombay



**Certificate of Participation**

This is to certify that **CYRILLA DESTEMONA P S** has participated in Faculty Development Programme from 22-09-2025 to 27-09-2025 on Python 3.4.3 organized by Thiagarajar College of Engineering with course material provided by EduPyramids, SINE, IIT Bombay.

A comprehensive set of topics pertaining to Python 3.4.3 were covered in the training. This training is offered by EduPyramids, SINE, IIT Bombay.

Prof. Animesh Barua  
Director, NPTEL  
IIT Bombay

Python Tutorial activity was initiated at IIT Bombay, started with funding from the National Mission of Education through ICT, Ministry of Education, Govt. of India.

**FDP(Online)-Christian College of Engineering**



**FDP(Online)-IIT Bombay**



Mrs.D.Devi Shree

**International Conference Nepal College of Information Technology**



**Counselling Course**



**FDP VIT CHENNAI**

**Ms.J.Shanjuvikasini**

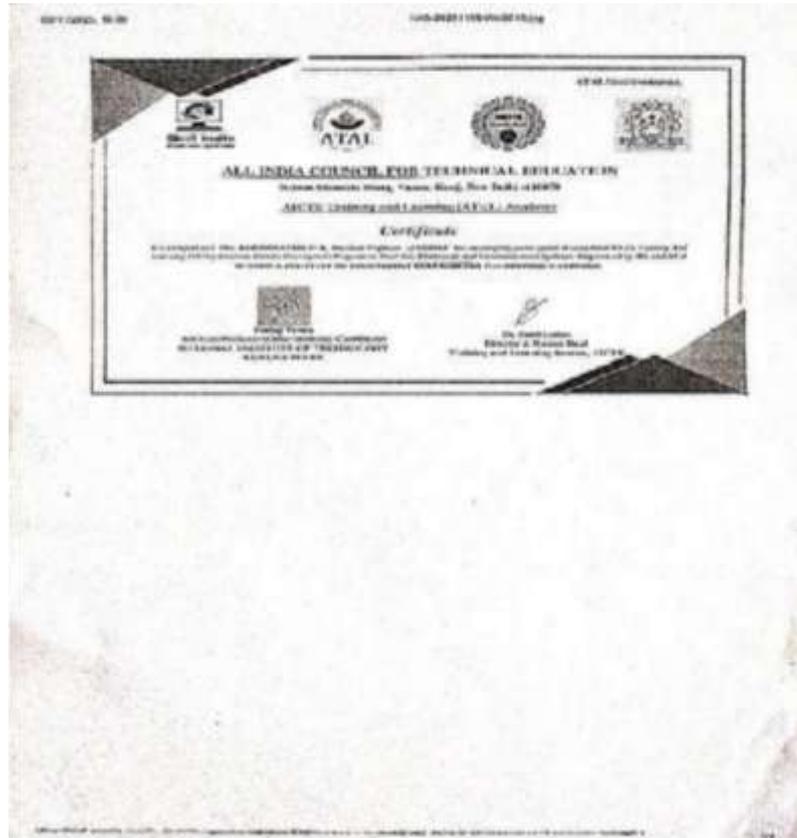




**FDP – IIT BOMBAY**

ATALFDP(online)

Mrs.K.KARTHIKAI  
SELVI





FDP OFFLINE



# NVIDIA



