



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 CSE-(CYBER SECURITY)

Abstract on the Department Level Data

Academic Year: 2025 -26

Semester: ODD

S. No	Details	Count
1	Faculty Count	07
2	No. of Non-Teaching Faculty	01
3	No. of Doctorates	01
4	No. of Faculty Pursuing Ph.D.,	03
5	No. of Research Supervisor	NIL
6	Total No. of Publications	NIL
7	No. of Events Organized	12
8	No. of VAC Offered	01
9	No. of Industrial Visit made	03
10	No. of Active MoUs	01
11	No. of Events in which students participated in outside Institutions	05
12	No. of the Faculty with FDP Participation (5 Days)	07

PRINCIPAL



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INTERNAL QUALITY ASSURANCE CELL - IQAC

Department Of CSE (CYBER SECURITY)

Departmental Events

Academic Year: 2025 -26

Semester: ODD

S. No	Date	Event Details
1	25.07.2025	Seminar on 'SITE RELIABILITY ENGINEERING (SRE)'
2	29.07.2025	Seminar on 'CYBERSECURITY ESSENIALS'
3	20.8.2025	Webinar on 'CYBER SECUTIRY CHALLENGES AND SOLUTIONS IN EV'
4	23.8.2025	Tech Talk on 'ENHANCING CYBER SECURITY THROUGH SOFTWARE TESTING'
5	23.8.2025	Seminar on 'STARTUP IDEAS & REAL-TIME SOLUTIONS'
6	02.9.2025	Webinar on 'STRENGTHENING CYBERSECURITY: THE ROLE OF SIEM IN MODERN THREAT DETECTION'
7	22.09.2025	INAUGURAL FUNCTION OF CENTER OF EXCELLENCE FOR CYBER SECURITY
8	22.09.2025 to 26.09.2025	Value added course on 'ADVANCED CYBERSECURITY & ETHICAL HACKING WITH REAL TIME HANDS ON LAB'
9	07.10.2025	Webinar on CYBER ALGO –CODEGUARD BOUNTY
10	15.10.2025	INAUGURATION OF CYZEN ASSOCIATION
11	15.10.2025	Seminar on 'INCIDENT RESPONSE AND DIGITAL FORENSICS :FROM DETECTION TO RECOVERY'
12	05.11.2025	MoU Signing Ceremony & Seminar on MOBILE,METADATA & MISTAKES:WHAT REALLY BREAKS A CYBER CASE

Glimpses of Events Details

1. SITE RELIABILITY ENGINEERING (SRE)



Fig:01: As a part of Student Orientation Program, Department of Cyber security organized Seminar on ‘SITE RELIABILITY ENGINEERING (SRE)’ on 25.07.2025

2. CYBERSECURITY ESSENIALS



Fig:02: As a part of Student Orientation Program, Department of Cyber security organized Seminar on ‘CYBERSECURITY ESSENIALS’ on 29.07.2025

3. CYBER SECURITY CHALLENGES AND SOLUTIONS IN EV

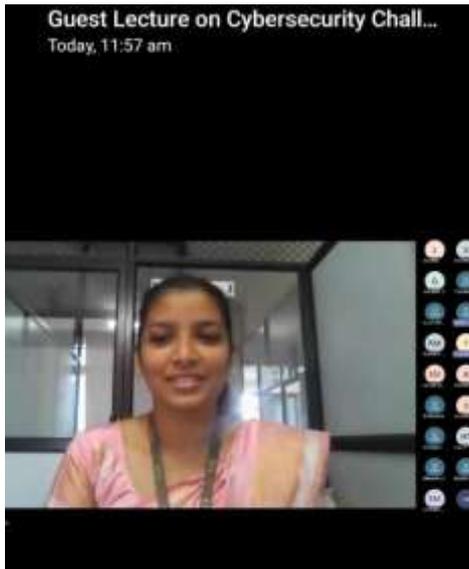


Fig:03: Department of Cyber security organized Webinar on ‘CYBER SECURITY CHALLENGES AND SOLUTIONS IN EV’ on 20.8.2025

4. ENHANCING CYBER SECURITY THROUGH SOFTWARE TESTING

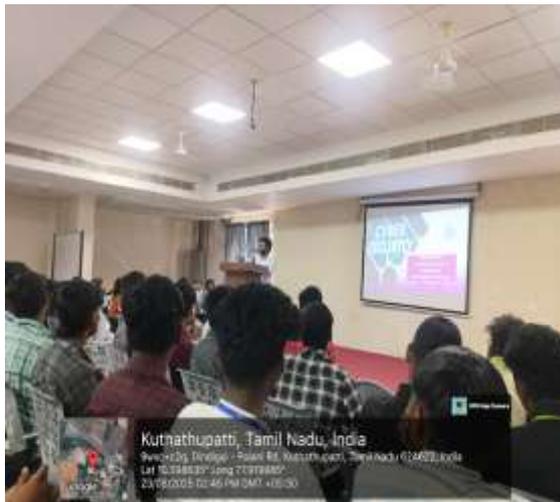


Fig: 04: Department of Cyber security organized **TECH TALK** on ‘ENHANCING CYBER SECURITY THROUGH SOFTWARE TESTING’ on 23.8.2025

5. STARTUP IDEAS & REAL-TIME SOLUTIONS



Fig: 05: Department of Cyber security organized Awareness Program on ‘STARTUP IDEAS & REAL-TIME SOLUTIONS on 23.8.2025

6. STRENGTHENING CYBERSECURITY: THE ROLE OF SIEM IN MODERN THREAT DETECTION



Fig: 06: Department of Cyber security organized webinar on ‘STRENGTHENING CYBERSECURITY: THE ROLE OF SIEM IN MODERN THREAT DETECTION’ on 02.9.2025

7. INAUGURAL FUNCTION OF CENTER OF EXCELLENCE FOR CYBER SECURITY



Fig: 07: School of Computing and Department of Cyber security organized Inaugural of Cyber security Center of Excellence on 22.09.2025

8. ADVANCED CYBERSECURITY & ETHICAL HACKING WITH REAL TIME HANDS ON LAB



Fig: 08: Department of Cyber security organized Value added courses for III year Cyber security students from 22.09.2025 to 26.09.2025

9. WEBINAR ON CYBER ALGO –CODEGUARD BOUNTY



Fig: 09: Department of Cyber security organized WEBINAR ON ‘CYBER ALGO –CODEGUARD BOUNTY’ on 07.10.2025

10. INAUGURATION OF CYZEN ASSOCIATION



Fig: 10: Department of Cyber security organized Inaugural of Department Association on 15.10.2025

11. SEMINAR ON INCIDENT RESPONSE AND DIGITAL FORENSICS: FROM DETECTION TO RECOVERY



Fig: 11: Department of Cyber security organized Seminar on ‘Incident Response And Digital Forensics: From Detection To Recovery’ on 15.10.2025

12. MoU & SEMINAR ON MOBILE, METADATA & MISTAKES: WHAT REALLY BREAKS A CYBER CASE



Fig: 12: Department of Cyber security signed MoU with Kriyavan Forensics Pvt Ltd, Madurai on 05.11.2025



Fig: 13: Department of Cyber security organized seminar on ‘Mobile, Metadata & Mistakes: What Really Breaks a Cyber Case’ on 05.11.2025



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INTERNAL QUALITY ASSURANCE CELL - IQAC

Department Of Computer Science and Engineering (Cyber Security)

Details of VAC Offered

Academic Year: 2025 -26

Semester: ODD

S. No	Class and Branch	Details of VAC offered	Period (Date: From – To)
1	III & CSE(CyS)	Advanced Cyber Security and Ethical Hacking with Real Time Hands on Lab	22.10.25 - 26.10.25

Glimpses of VAC Course



Value Added Course on Advanced Cyber Security and Ethical Hacking with Real-Time Hands-on Lab conducted for III Year CSE (Cyber Security) students (22.10.2025 – 26.10.2025).



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INTERNAL QUALITY ASSURANCE CELL - IQAC

Department Of Computer Science and Engineering (Cyber Security)

Details of Industrial Visits

Academic Year: 2025 -26

Semester: ODD

S. No	Class / Branch	Place of Visit	Date of Visit
1	II /CSE(CyS)	Kevell Corp, Madurai	28.07.2025
2	II /CSE(CyS)	Ascox Technosoft Solution Pvt.Ltd, Madurai	30.08.2025
3	II /CSE(CyS)	TechbyHeart, Kochi	10.10.2025

Glimpses of the Industrial Visits



Industry interaction with Kevell Corp, Madurai on 28.07.2025 for Department of CSE (Cybersecurity), SSM Institute of Engineering and Technology.



An industry interaction session held with Ascox Technosoft Solution Pvt.Ltd, Madurai on 30.08.2025 for the Department of CSE (Cybersecurity), SSM Institute of Engineering and Technology



Industry exposure programme organized with TechByHeart, Kochi on 10.10.25 for the Department of CSE (Cybersecurity), SSM Institute of Engineering and Technology.



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Department Of Computer Science and Engineering (Cyber security)

Details of Active MoU

Academic Year: 2025 -2026

Semester: ODD

S. No	MoU Signed Company - Details	Date of MoU Signed	Validity of MoU (Period)
1	Kriyavan Cyber Forensic Service Limited, Madurai.	22.10.2025	2025-2030

Glimpses of MoU Signed ceremony



Kriyavan Cyber Forensic Service collaborates to provide students with practical, industry-aligned skills while offering faculty opportunities to lead innovative research initiatives



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Department Of Computer Science and Engineering (Cyber Security)

Student Achievements

Academic Year: 2025 -26

Semester: ODD

S. No	Name of the Student	Class / Branch	Details of Achievements (Other Institution Participation)
1	RajeshKumar. T (Team Leader)	II/CSE(CyS)	National Level Technical Hackathon INNOVATEX 25, Coimbatore Institute of Technology, Coimbatore.
2	UdhayaKumar. P (Team Leader)	III /CSE(CyS)	Hack Horizons 2025, SRM Institute of Science and Technology, Chennai.
3	UdhayaKumar. P	III /CSE(CyS)	Hack Elite, SRM Institute of Science and Technology, Chennai
4	Sahana Fathima. S (Team Leader)	III /CSE(CyS)	Celesta'25, a National Level Techno Fest Bannari Amman Institute of Technology, Sathyamangalam
5	Swetha. A (Team Leader)	III /CSE(CyS)	Hackorbital, Conscientia 2025, Indian Institute of Space Science and Technology, Trivandrum

Glimpses of the Achievements



TEAM ARB from the Cybersecurity department for securing the 3rd Prize among 55 teams at the National Level Technical Hackathon *INNOVATEX 25*. Their project, “SatEye AI,” demonstrated strong innovation and technical expertise. The achievement reflects their teamwork, dedication, and passion for innovation.



Securing the 3rd Prize at Hack Horizons 2025, organized by SRM IST Chennai (Vadapalani Campus) on 9th & 10th October 2025. Their innovative cybersecurity solution stood out across advanced domains, highlighting strong technical skills, creativity, and problem-solving ability.



Participated in Hack Elite, organized by SRM IST Chennai (Vadapalani Campus) from 14/10/25 to 15/10/25. Their innovative cybersecurity solution stood out across advanced domains, highlighting strong technical skills, creativity, and problem-solving ability.



Participated in Hackorbital, held as part of Conscientia 2025 at IIST, demonstrating commendable technical competence and teamwork. Contributed to AgriSentinel, an AI-driven crop health monitoring system that utilizes satellite data to address real-world agricultural challenges.



Participated in a 6-hour Coding Hackathon conducted as part of Celesta'25, a National Level Techno Fest at Bannari Amman Institute of Technology. The event was an enriching experience that strengthened problem-solving, teamwork, and time management skills through effective collaboration.



INTERNAL QUALITY ASSURANCE CELL - IQAC

Department Of CSE (Cyber Security)

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)				
		Conferences	I -Connect	Certification courses	FDP	Achievements
1	Dr. K. RAJESH	2	6	1	-	-
2	Mrs. P. JEYAPRIYA	-	2	2	3	-
3	Ms. S. PRIYADHARSINI	-	2	5	4	-
4	Mrs.A.AROCKIA HELEN SUSHMA	-	2	12	2	NPTEL –ELITE In Introduction to IoT
5	Ms.A.KAYALVIZHI	-	2	6	4	NPTEL –ELITE Cyber security and privacy
6	Mr.M.THIRUMOORTHY	-	2	5	1	-

PROOF DETAILS

Dr.K.Rajesh: Certification Course:

Dec 27, 2025

RAJESH KATHIRESAN
has successfully completed the online, non-credit Specialization

Cybersecurity in the AI Era
Cybersecurity in the AI Era lays the groundwork to understand and explore the key issues facing practitioners and policy makers attempting to manage the problem of cybersecurity, from its technical foundations to the domestic and international policy considerations surrounding governance, privacy, and risk management for the resiliency of critical systems, to applications for achieving the goals of an enterprise, an institution, or a nation.

Charles Harry
Charles Harry, Ph.D.
Associate Research Professor
School of Public Policy
University of Maryland,
College Park

FDP



Mrs .P.JEYAPRIYA

FDP



“Attended a 5-day Faculty Development Programme (FDP) at Rathinam Technical Campus”

Ms.S.PRIYADHARSINI

Certification course



Attended a **certified** block chain associate course at Kerala Blockchain Academy.

FDP



Attended a 5-day Faculty Development Programme (FDP) at Sairam Institute of Technology”

Mrs.A.AROCKIA HELEN SUSHMA

Certification course



The certificate is for the course "Introduction to Internet of Things" completed in Jul-Oct 2025. The recipient, Mrs. A. Arockia Helen Sushma, achieved a consolidated score of 64%. The certificate is awarded by NPTEL (National Programme on Technology Enhanced Learning), funded by the Ministry of Education, Government of India. The course was coordinated by Prof. Haimanti Banerji at IIT Kharagpur. The certificate also features logos for Skill India and Swayam.

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

This certificate is awarded to
AROCKIA HELEN SUSHMA
for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **64** %

Online Assignments	24.78/25	Proctored Exam	39/75
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Total number of candidates certified in this course: 50282

Jul-Oct 2025
(12 week course)

Indian Institute of Technology Kharagpur

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

swayam

Roll No. NPTEL25CS147S865600046 To verify the certificate

No. of credits recommended: 3 or 4

NPTEL Elite Certificate – Awarded for securing **60% or above** in the NPTEL certification exam, recognizing academic excellence and subject proficiency.



The certificate is for the course "AWS Academy Graduate - Generative AI Foundations - Training Badge". The recipient, Mrs. A. Arockia Helen Sushma, completed 12 hours of course hours. The certificate was issued on Oct 31, 2025. It includes a digital badge link: <https://www.credly.com/badges/75d9dcd6-1eb0-405c-a8b5-67999e65be42>.

aws academy

AROCKIA HELEN SUSHMA A

Certificate of Completion for
AWS Academy Graduate - Generative AI Foundations - Training Badge

Course hours completed
12 Hours

Issued on
Oct 31, 2025

Digital badge
<https://www.credly.com/badges/75d9dcd6-1eb0-405c-a8b5-67999e65be42>

Attended a **certified** Generative AI foundation course at AWS Academy.

Ms.A.KAYALVIZHI

Certification course



Completed a Coursera foot print certification course



NPTEL Elite Certificate – Awarded for securing **60% or above** in the NPTEL certification exam, recognizing academic excellence and subject proficiency.

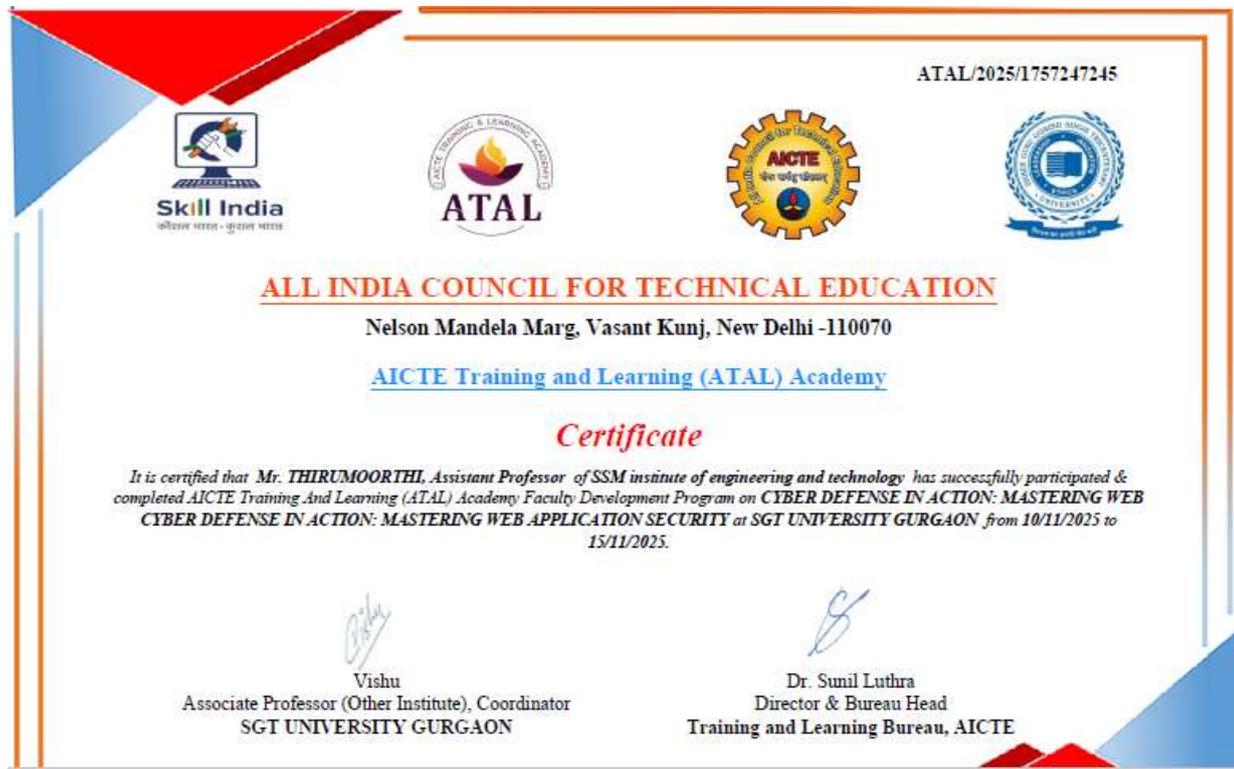
Mr.M.THIRUMOORTHY

Certification course



Attended a certified cyber security. Fundamentals course at paloalto networks

FDP



Attended 6 Days ATAL-FDP on 'Cyber defense in Action: Mastering web Application Security from 10.11.2025 to 15.11.2025 '