



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 Artificial Intelligence and Machine Learning

Abstract on the Department Level Data

Academic Year: 2025 -26

Semester: EVEN

S. No	Details	Count
1	Faculty Count	3
2	No. of Non-Teaching Faculty	0
3	No. of Doctorates	1
4	No. of Faculty Pursuing Ph.D.,	2
5	No. of Research Supervisor	1
6	Total No. of Publications	3
7	No. of Events Organized	2
8	No. of VAC Offered	1
9	No. of Industrial Visit made	0
10	No. of Active MoUs	1
11	No. of Events in which students participated in outside Institutions	2
12	No. of the Faculty with FDP Participation (5 Days)	2



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Faculty Publications

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

Academic Year: 2025 -26

Semester: EVEN

S. No	Name of the Faculty	No. of Publications
1	Dr. K. Vinoth Kumar	3

List of Publications in APA Style:

1. Senthilkumar, V. M., Nirmala, R., Satish Kumar, R., & Vinoth Kumar, K. (2025). Enhanced low power FinFET-based flash ADC design for high-speed electronics applications. *Technical Gazette*, 32(2), 466–473. <https://doi.org/10.17559/TV-20240801001895>
2. Rajakani, V., Vinoth Kumar, K., Sridevi, A., & Prathap, N. (2025). Gannet optimization algorithm with attention enhanced deep learning for intrusions detecting in IoT. *Technical Gazette*, 32(4), 1390–1397. <https://doi.org/10.17559/TV-20250308002449>
3. Senthilkumar, V. M., Kalaiselvi, K., Umadevi, K., & Vinoth Kumar, K. (2025). Performance enhanced penta-MTJ based logic gates using FinFET for low power and high-speed applications. *Technical Gazette*, 32(5), 1896–1901. <https://doi.org/10.17559/TV-20250103002231>



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Faculty Achievements

Academic Year: 2025 -26

Semester: EVEN

S. No	Name of the Faculty	Faculty Participation, Presentation (Conferences) / Industry Connect / Certifications / QIP / FDP
1	Dr. K. Vinoth Kumar	Publication: 3 (Anna University Annexure)
2	B. Rubakumar	FDP - ATAL ONLINE CERTIFICATION – NPTEL, INFOSYS SPRINGBOARD
3	M. Amritha	FDP - ATAL, NPTEL ONLINE CERTIFICATION – NPTEL, CISCO, AWS



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Details of VAC Offered

Academic Year: 2025 -26

Semester: EVEN

S. No	Class and Branch	Details of VAC offered	Period (Date: From – To)
1	II – AI&ML	Artificial Intelligence and Machine Learning – Dr. Sen, Assistant professor, SIDTM, Symbiosis International (Deemed University), Pune.	23.03.2025 To 28. 03.2025

Glimpses of VAC II Year AI&ML

An engaging Value Added Course session focused on skill enhancement.

Hands-on laboratory session conducted as part of the Value Added Course.



Group photograph of students and faculty after the successful completion of the Value Added Course.





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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	Litz Tech ,Coimbatore	13/02/2025	3 Years





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INTERNAL QUALITY ASSURANCE CELL - IQAC

Department of Artificial Intelligence and Machine Learning

Departmental Events

Academic Year: 2025 -26

Semester: ODD

S. No	Date	Event Details
1	13.02.2026	AI ENABLE TECHNOLOGIES SUPPORTING IT - SECTOR

Glimpses of Events Details

1) AI ENABLE TECHNOLOGIES SUPPORTING IT - SECTOR

