



SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY

[Educational Service : SNR Sons Charitable Trust]

[Autonomous Institution, Reaccredited by NAAC with 'A' Grade]

[Approved by AICTE New Delhi, Permanently Affiliated to Anna University, Chennai]

Coimbatore - 641 010.



FACULTY ACHIEVEMENTS

(2025-2026)



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**DEPARTMENT OF
COMPUTER SCIENCE AND
ENGINEERING**

FACULTY ACHIEVEMENTS

2025-2026



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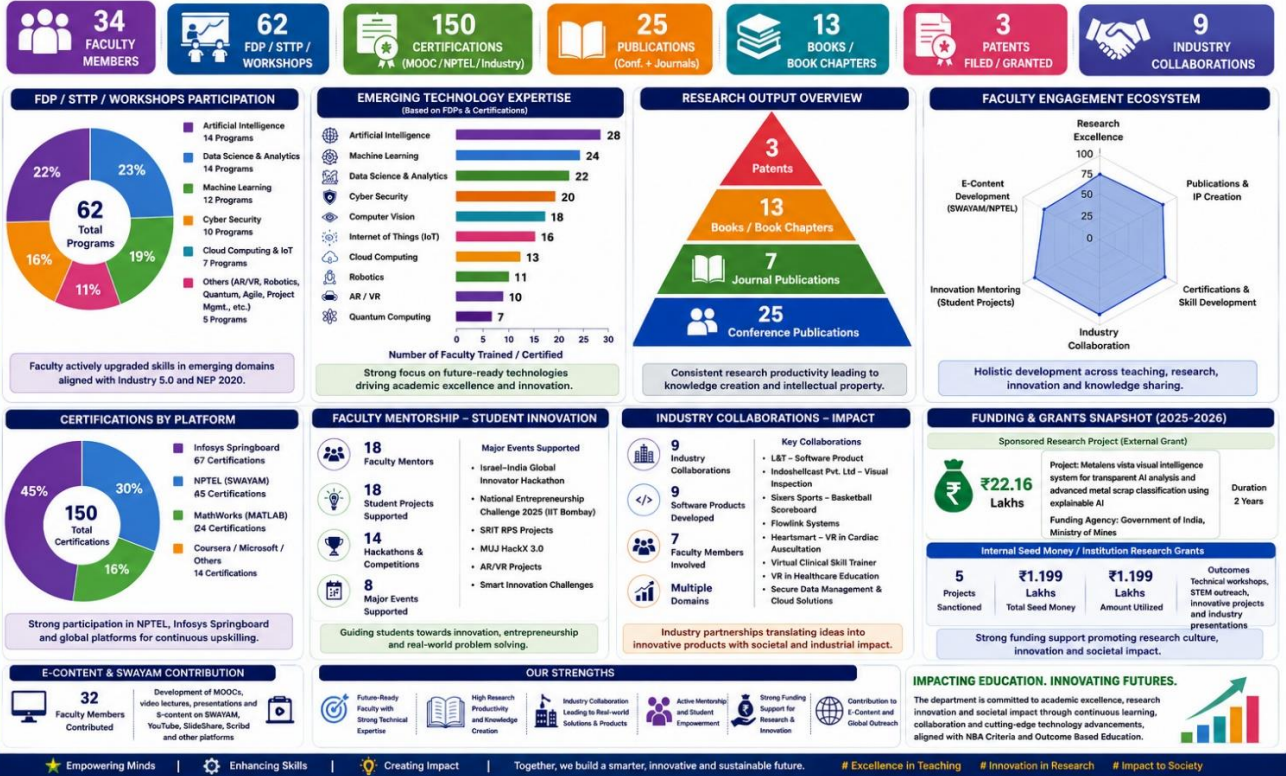
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Summary of Faculty Achievements

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING FACULTY ACHIEVEMENTS 2025-2026

Driving Excellence in Research, Innovation, Industry Collaboration and Capacity Building





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Memberships in Professional Societies at National/International Levels

S.No.	Name of the Faculty	Name of the Professional Society /Body at National and International Level	Name of the Grade/ Level/Position
1	Dr. M. Suresh Kumar	Indian Society of Technical Education (ISTE)	Life Member
		Computer Society of India (Member ID: F8005619)	Life Member
2	Dr. R.M.S. Parvathi	Biomedical Engineers Society of India (Member ID: LM960)	Life Member
3	Dr.K.N.Sivabalan	The Institution of Engineers (Member ID: M-147514-7)	Member
4	Dr. R. Nagendran	Computer Society of India (CSI) (Member ID:10175277)	Life Member
		Indian Society of Remote Sensing (Member ID: L4969)	Life Member
5	Dr. N. S. Kavitha	International Association of Engineers (IAENG) (Member ID:534741)	Member
6	Dr. R. Kumar	Association for Computing Machinery (ACM)	Member
		International Association of Engineers (IAENG) (Member ID:537015)	Member
		Internet Society (Member ID:2345156)	Member
7	Dr. Jim Mathew Philip	Internet Society (Member ID:2350452)	Member
8	Dr. R. N. Devendra Kumar	Indian Society of Technical Education (ISTE) (Member ID:537015)	Life Member
		Association for Computing Machinery (ACM), (Member ID: 9872564)	Member
9	Dr. S. Rajesh	Association for Computing Machinery (ACM)	Member
		Internet Society (Member ID:2349602)	Member
10	Dr.M. Kalpana Devi	Association for Computing Machinery (ACM) (Member ID:0053563)	Member
		International Association of Engineers (IAENG) (Member ID:537130)	Member
		Computer Society of India (Member ID:01057428)	Life member



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11	Dr. K. Saranya	International Association of Engineers (IAENG) (Member ID:164853)	Member
		Internet Society (Member ID:2234164)	Member
12	Ms. S. Revathi	Internet Society (Member ID:2350293)	Member
13	Dr. S. Karthikeyini	International Association of Engineers (IAENG) (Member ID:534870)	Member
16	Ms. K. K. Archana	Internet Society (Member ID:2353016)	Member
17	Ms. R. Abinaya	Internet Society (Member ID:2344673)	Member
18	Ms. K. Karpagavalli	Internet Society (Member ID:2345531)	Member
19	Ms. V. Preetha	Indian Society for Technical Education (ISTE) (Member ID: LM143759)	Member
		Internet Society (Member ID:2345161)	Member
20	Mr. N. Yuvaraj	Internet Society (Member ID:2350375)	Member
20	Ms. N. Sanjana	American Society of Mechanical Engineers (ASME)	Member
21	Ms. A. Jayasmruthi	Computer Society of India (CSI) (Member ID: F8005621)	Life Member
22	Ms. A. Shenbagapriya	International Association of Engineers (IAENG) (Member ID:537005)	Member
		Internet Society (Member ID:2344666)	Member
24	Ms. R. Jeevitha	International Association of Engineers (IAENG) (Member ID:537001)	Member
25	Ms. A. Monisha	Internet Society (Member ID:2344671)	Member
26	Ms.S.Punithadevi	Indian Society of Technical Education (ISTE)	Life Member
		Internet Society (Member ID:2349662)	Member
27	Ms.K.Radhika	Internet Society (Member ID:2350561)	Member
28	Mr.V.Padmacharan	Internet Society (Member ID:2344667)	Member
29	Mr.G.Gokulraj	Internet Society (Member ID:2344669)	Member



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30	Mr.K. Justin Jayaraj	Internet Society (Member ID:2349608)	Member
31	Mr.B. Rajagopal	Internet Society (Member ID:2344668)	Member
32	Ms.V.Deepthi	Internet Society (Member ID:2350295)	Member
33	Ms.K.Gayathiri	Internet Society (Member ID:2350455)	Member

Faculty as Resource Persons in STTPs/FDPs

CAY(2025-2026)			
5 days FDP on "Image processing and computer vision"	01-December-2025	Coimbatore	Sri Ramakrishna Institute of Technology
5 day FDP on "Civil Engineering Applications of IOT and AI"	11-September-2025	Coimbatore	Paavai Engineering College
5 days FDP on "Image processing and computer vision"	01-December-2025	Coimbatore	Sri Ramakrishna Institute of Technology
5 days FDP on "Image processing and computer vision"	01-December-2025	Coimbatore	Sri Ramakrishna Institute of Technology

Faculty Members' Participation in STTPs/FDPs

S.No	Name	FDP title	No of days	Date	College Name
1	Dr. R. Nagendran	Future impact on wearable and implantable devices using AI in digital health	6	3.11.2025-8.11.2025	SRIT
2	Dr. N. S. Kavitha	Future impact on wearable and implantable devices using AI in digital health	6	3.11.2025-8.11.2025	SRIT
		Generative AI and LLM application development: Launching Chatbot and customization	6	9.02.2026-14.02.2026	Karunya Institute of technology
		From data to imagination: deploying generative AI across disciplines	6	02.03.2026-7 th march 2026	KPR institute
3	Dr. Jim Mathew Philip	nil			
4		Outcome-based	5	01 dec 2025-	Dr NGP institute



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	Dr. R. N. Devendra Kumar	education		05 dec 2025	of technology
5	Dr. S. Rajesh	Cyber Shield 360 Degree- A comprehensive workshop on cybersecurity practices and threat management	6	24 nov 2025- 29 nov 2025	MES Senior College Pune
		Smart Research ecosystems :AI tools transforming academic innovation	5	2 nd march 2026 6 th march 2026	Bannariamman Institute of technology
		Handson Robot Operating Suystem 2	3	16 th feb 2026 to 18 th feb 2026	KArthikesh Robotics Private Limited
6	Dr.M. Kalpana Devi	Education organization Management systems	3	15 th dec 2025-17 dec 2025	Nature Science foundation
		Cyberthreat intelligence and next-generation cyber defense	6	15 dec 2025- 20 dec 2025	Veltech Multitech Dr Rangarajan Dr Sakuntala Engineering College, Chennai
		Sustainacility in the era of automation and robotics:IOT driven advanced MANufacturing	6	24 th nov 2025- 29 th nov 2025	Sri Krishna College of Engineering and technology
		Joy of AI in action:applying traditional and agentic AI to real world problems	6	18.08.2025- 23.08.2025	Vallurupalli Nageshwara Rao Vignanajyothi Institute of engineering and technology
7	Dr. K. Saranya	Cyber Shield 360 Degree- A comprehensive workshop on cybersecurity practices and threat management	6	24 nov 2025- 29 nov 2025	MES Senior College Pune
		Handson Robot Operating Suystem 2	3	16 th feb 2026 to 18 th feb 2026	KArthikesh Robotics Private Limited
8	Ms. S. Revathi	Exploring AI using IBM Watson and	5	8 th sep 2025 – 12 th sep	Gurukula Kangri Viswa



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		Google Colab		2025	vidhyalaya Haridwar
9	Dr. S. Karthikeyini	Foundation in Virtual Reality	12 weeks	July to oct 2025	NPTEL
		Disease prediction using machine learning algorithms	5	25 th aug 2025 -29 aug 2025	Promind Learning academy
		Generative AI and LLM application development: Launching Chatbot and customization	6	9.02.2026-14.02.2026	Karunya Institute of technology
		AI foundations for polytechnic and engineering faculty	3	5 th march 2026-07 th march 2026	Government Polytechnic for women , kadapa
		Generative AI	5	4 th august 2025 to 8 th aug 2025	Anjuman institute of technology and Management, Bhatkal
10	Ms. K. K. Archana	“Generative AI and Large Language Models in Education” o	5	11th May 2026 to 16th May 2026	K.L.N. College of Engineering, Sivagangai
11	Ms. R. Abinaya	Ethical research practices: writing, AI tools and intellectual property	5	36 th apr 2026 to 10 th April 2026	VNR ningyana Jyothi Institute of engineering and technology
12	Ms. K. Karpagavalli	Next in cyber security :challenges and strategies in the AI era	6	17 th nov to 22 nov 2026	RV institute of technology and management
		Smart Research ecosystems :AI tools transforming academic innovation	5	2 nd march 2026 6 th march 2026	Bannari amman Institute of Technology
		Innovative pedagogy with AI and Research tools	6	01 st sep 2025 to 6 th sep 52025	Asian college of engineering and technology
13	Ms. V. Preetha	Ethical research practices: writing, AI tools and intellectual property	5	36 th apr 2026 to 10 th April 2026	VNR ningyana Jyothi Institute of engineering and technology
14	Mr. N. Yuvaraj				
15	Ms. N. Sanjana	Digital Application Fundamental	6	26 jan 2026 to 31.jan	NASScom



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				2026	
16	Ms. A. Jayasmruthi	Cyber Shield 360 Degree- A comprehensive workshop on cybersecurity practices and threat management	6	24 nov 2025-29 nov 2025	MES Senior College Pune
		Natural Language processing with deep learning	6	24 th June 2025 to 1 st July 2025	Meity
		Education organization Management systems	3	15 th dec 2025-17 dec 2025	Nature Science foundation
		Handson Robot Operating Suystem 2	3	16 th feb 2026 to 18 th feb 2026	KArthikesh Robotics Private Limited
17	Ms. A. Monisha	Cyberthreat intelligence and next-generation cyber defense	6	15 dec 2025-20 dec 2025	Veltech Multitech Dr Rangarajan Dr Sakuntala Engineering College, Chennai
		Cloud computing	12 weeks	July-oct 2025	NPTEL
		Cyber Security foundation for future professionals	5	8 th dec 2025 to 13 th dec 2025	BCBuzz Technologies
18	Ms.S.Punithadevi	Innovative pedagogy with AI and Research tools	6	01 st sep 2025 to 6 th sep 52025	Asian college of engineering and technology
		Next in cyber security :challenges and strategies in the AI era	6	17 th nov to 22 nov 2026	RV institute of technology and management
		AI tools for academy	5	21 st July 2025 to 25 july 2025	GPC for women Coimbatore
19	Ms.K.Radhika	Cyber security	15	16 th June 2025 to 30 june 2025	IIT madras
		Cyberthreat intelligence and next-generation cyber defense	6	15 dec 2025-20 dec 2025	Veltech Multitech Dr Rangarajan Dr Sakuntala Engineering College, Chennai
		Datascience and	6	8 th dec 2025	Anant gyan



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		AI: bridging the gap for the future of technology		13 th dec 2025	Knowledge and skill Pvt Ltd
		Agentic AI	3	15 th sep 2025 to 17 th sep 2025	SREC
20	Mr.V.Padmacharan	Capacity building program on cyber security	5	4 th sep 2025- 8 th sep 2025	IIT Madras
		Handson Robot Operating Suystem 2	3	16 th feb 2026 to 18 th feb 2026	KArthikesh Robotics Private Limited
21	Mr.G.Gokulraj	Capacity building program on cyber security	5	4 th sep 2025- 8 th sep 2025	IIT Madras
		Emerging tools and techniques for environmental risk assessment	12	23 rd June 2025 to 4 th July 2025	NIT Andhra Pradesh
		Cyber Security foundation for future professionals	5	8 th dec 2025 to 13 th dec 2025	BCBuzz Technologies
		Geospatial Intelligence: Application and challenges in the bigdata era		10 th June 2025 to 14 th June 2025	Indian Intitute of Information and Technology Sricity
		Handson Robot Operating Suystem 2	3	16 th feb 2026 to 18 th feb 2026	KArthikesh Robotics Private Limited
22	Mr.K. Justin Jayaraj	Revised OBE implementation and NBA documentation mastery	5	6 th April 2026 -10 th April 2026	GCT Coimbatore
		A systematic way of research paper writing	5	13 th apr 2026 to 17 th April 2026	Research Foundation of India
		Image processing and Computer Vision	5	1 st dec 2025 to 5 th dec 2025	SRIT
		Nextgen datascience :Transforming educationa dnresearch through data	5	23 rd jun 2025 -27 th jun 2025	Presidency school of CSE and IS
		Geospatial Intelligence: Application and	5	10 th June 2025 to 14 th June 2025	Indian Intitute of Information and Technology



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		challenges in the bigdata era			Sricity
23	Mr.B. Rajagopal	Tamilnadu youth innovation and Entrepreneurship development program	3	17 nov 2025-19 nov 2025	Edii-tn
		Emerging tools and techniques for environmental risk assessment	12	23 rd June 2025 to 4 th July 2025	NIT Andhra Pradesh
		Cyber Security foundation for future professionals	5	8 th dec 2025 to 13 th dec 2025	BCBuzz Technologies
24	Ms.V.Deepthi	Generative AI	5	4 th august 2025 to 8 th aug 2025	Anjuman institute of technology and Management, Bhatkal
		Vibrant advocacy for the advancement and nurturing of Indian language	3	15 th sep 2025 - 17 th sep 2025	SREC
		Securing the future:cyber physical systems and cyber security in the digital age	5	8 th dec 2025-13 dec 2025	St claret college
		Cyberthreat intelligence and next-generation cyber defense	6	15 dec 2025-20 dec 2025	Veltech Multitech Dr Rangarajan Dr Sakuntala Engineering College, Chennai
		Advancing research competence: from research methodology to writing , emotional resilience and AI in research	6	27 th jan 2026 31 st jan 2026	Ideal institute of academic and research advancement
25	Ms.K.Gayathiri	Vibrant advocacy for the advancement and nurturing of Indian language	3	15 th sep 2025 - 17 th sep 2025	SREC
		Cyber security and privacy	12 weeks	Jul-oct- 2025	NPTEL



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		Securing the future:cyber physical systems and cyber security in the digital age	5	8 th dec 2025-13 dec 2025	St claret college
26	Abhishek	Image processing and Computer Vision	5	1 st dec 2025 to 5 th dec 2025	SRIT
27	Munnira sultana	Smart Research ecosystems : AI tools transforming academic innovation	5	2 nd march 2026 6 th march 2026	Bannariamman Institute of technology
28	Mr.Yogabalajee V	Image processing and Computer Vision	5	1 st dec 2025 to 5 th dec 2025	SRIT
		Cyber Security foundation for future professionals	5	8 th dec 2025 to 13 th dec 2025	BCBuzz Technologies
		Microsoft Power BI Data Analyst Associate	5	11 May 2026 to 15 May 2026	ICT Academy

Faculty Contribution in Development of SWAYAM MOOCs and other E-Content

S.No.	Name of the Faculty	Name of the Course Developed and available online on Swayam platform by your department faculty
1	Dr. S. Sivabalan	www.youtube.com/@emergingindia2659
2	Dr. R. Nagendran	https://www.slideshare.net/NAGENDRANR12/edit_my_uploads
3	Dr. N. S. Kavitha	https://www.scribd.com/presentation/950685304/IOT-Basics
4	Dr. R. Kumar	https://www.youtube.com/watch?v=HM-qX9jXZvs
5	Dr. Jim Mathew Philip	https://www.scribd.com/presentation/950739700/coa-unit-1
6	Dr. R. N. Devendra Kumar	https://sites.google.com/srit.org/devasrit/courses
7	Dr. S. Rajesh	https://www.slideshare.net/secret/3EKutb8wELSQiP
8	Dr. M. Kalpana Devi	https://www.slideshare.net/KALPANADEVIM2
9	Dr. K. Saranya	Introduction to c programming PPTX



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10	Ms. S. Revathi	https://youtu.be/GUykjgbQg4
11	Dr. S. Karthikeyini	https://www.slideshare.net/slideshow/fundamentals-of-java-programming-covers-oops-concepts/284182990
12	Dr. BS. Revathi	https://www.scribd.com/presentation/950692784/IIoT?secret_password=T2ITlg5f8Tpai4FyLiUj
13	Ms. S.J. Savitha	https://www.scribd.com/presentation/529890101/Introduction-to-Java-Programming?secret_password=7MvK0zpWaujZICCPqF0E
14	Ms. K. K. Archana	https://youtu.be/Q0r_fMm_DpM
15	Ms. R. Abinaya	https://youtu.be/_WfPEYJdzjL , https://youtu.be/R56pdz68lnk
16	Ms. K. Karpagavalli	https://www.scribd.com/presentation/950738265/Demand-Analysis-in-economics-for-engineers?secret_password=33whCpn8SnVjAFrqUknV
17	Ms. V. Preetha	https://www.slideshare.net/slide
18	Mr. N. Yuvaraj	https://url-shortener.me/A3WC
19	Ms. N. Sanjana	https://youtu.be/QRJMGuRpK0E?si=txgAaeLjK-fR9Aqp
20	Ms. A. Jayasmruthi	Jayasmruthicmsce presentations
21	Ms. A. Shenbagapriya	https://www.slideshare.net/slideshow/comprehensive-introduction-to-basic-java/284210106
22	Mr. S. Abishek	https://www.slideshare.net/slideshow/object-oriented-design-principles-and-testing-concepts/284183054
23	Ms. R. Jeevitha	https://www.slideshare.net/slideshow/cloud-computing-benefits-of-cloud-computing-cloud-computing-architecture/284182564
24	Ms. A. Monisha	https://www.scribd.com/document/950729373/Principles-of-Compiler-Design-Lecture-notes-UNIT-II?secret_password=zvCXclkYiKoGi7Jsu0we
25	Ms.S.Punithad evi	https://www.slideshare.net/slideshow/sp-c-programming-basic-concepts-with-sample-code-pptx/284182911
26	Ms.K.Radhika	https://www.slideshare.net/slideshow/code-like-a-girl-cracking-the-c-code/284183122
27	Mr.V.Padmac haran	https://www.scribd.com/document/950678009/Introduction-to-Data-Structures-ARRAY
28	Mr.G.Gokulraj	https://www.scribd.com/presentation/950680393/TREE
29	Mr.K. Justin Jayaraj	https://www.scribd.com/document/951314800/UNIT-1-MN https://www.scribd.com/document/951314801/Unit-4-and-5-MN
30	Mr.B. Rajagopal	https://www.slideshare.net/slideshow/comprehensive-guide-to-artificial-intelligence/284209952
31	Ms.V. Deepthi	https://www.scribd.com/document/950735919/UNIT-5



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32	Ms.K.Gayathiri	https://www.scribd.com/document/950681275/Impacts-of-Digitalization-and-the-Internet
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Faculty Certification of MOOCs through SWAYAM, etc.

S.No.	Name of the Faculty	Name of Course Passed	Course offered by(agency)	Grade obtained if any
CAYm1(2025-2026)				
1	Dr. N. S. Kavitha	Software Engineering	Infosys SpringBoard	Successfully Completed
		Information and Communication Technology	NPTEL	Successfully Completed
		Software Engineering and ALM	Infosys SpringBoard	Successfully Completed
2	Dr. R. N. Devendra Kumar	Nature-based solutions for disaster and climate resilience	EDx	Successfully Completed
		AI for all	Intel	Successfully Completed
3	Dr. S. Rajesh	Computer Networks Internet Protocol	NPTEL	Elite
		Advanced Computer Networks	NPTEL	Elite
4	Dr.M. Kalpana Devi	Computer Networks Internet Protocol	NPTEL	Elite
5	Ms. S. Revathi	Introduction to Google Docs	Coursera	Successfully Completed
		Positioning SAP Business Data Cloud	SAP	Successfully Completed
		Introducing AI Fundamentals	SAP	Successfully Completed
6	Dr. S. Karthikeyini	Foundation in Virtual Reality	NPTEL	Successfully Completed
		TensorFlow 2: Deep Learning and AI	Udemy	Successfully Completed
		Machine learning Foundation	Infosys SpringBoard	Successfully Completed
		Inter of Things	Infosys	Successfully



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		foundation	SpringBoard	Completed
7	Ms. K. K. Archana	Artificial Intelligence : Artificial Intelligence types of Artificial Intelligence	Infosys SpringBoard	Successfully Completed
		Extended Reality-Building AR/VR/MR	Infosys SpringBoard	Successfully Completed
8	Ms. R. Abinaya	Building Levels of VR	Infosys SpringBoard	Successfully Completed
		Artificial Intelligence	Infosys SpringBoard	Successfully Completed
		Extended Reality-Building AR/VR/MR	Infosys SpringBoard	Successfully Completed
		Artificial Intelligence : Artificial Intelligence types of Artificial Intelligence	Infosys SpringBoard	Successfully Completed
		Virtual Reality with Unity	Infosys SpringBoard	Successfully Completed
9	Ms. K. Karpagavalli	Internet of things	NPTEL	Elite
		AI for Business Professionals	HPLife	Successfully Completed
		Effective Presentations	HPLife	Successfully Completed
		Introduction to Cyber Security Awareness	HPLife	Successfully Completed
		Growth Engine of your Business	HPLife	Successfully Completed
		Matlab onramp	MathWorks	Successfully Completed
		Deep Learning on-ramp	MathWorks	Successfully Completed
		Machine Learning onramp	MathWorks	Successfully Completed
10	Ms. V. Preetha	Extended Reality-Building AR/VR/MR	Infosys SpringBoard	Successfully Completed



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		Handson Augmented Reality	Infosys SpringBoard	Successfully Completed
11	Ms. N. Sanjana	Advances in Additive Manufacturing of Materials: Current status and Emerging Opportunities	NPTEL	Elite
12	Ms. A. Jayasmruthi	Data Science and Analytics	HPLife	Successfully Completed
		Introduction to Cyber Security Awareness	HPLife	Successfully Completed
		Prompt Engineering	Infosys SpringBoard	Successfully Completed
13	Ms. R. Jeevitha	Financial Literacy	Infosys SpringBoard	Successfully Completed
		Matlab onramp	MathWorks	Successfully Completed
14	Ms. A. Monisha	Cloud Computing	NPTEL	Successfully Completed
		Explore Machine Learning Using Python	Infosys SpringBoard	Successfully Completed
15	Ms.S.Punithadevi	Internet of things	NPTEL	Elite+Silver
		Introduction to python	Infosys SpringBoard	Successfully Completed
		Explore Machine Learning using python	Infosys SpringBoard	Successfully Completed
		Machine Learning Foundations	Infosys SpringBoard	Successfully Completed
		Basics of Python	Infosys SpringBoard	Successfully Completed
		Natural Language processing for developers	Infosys SpringBoard	Successfully Completed
		Python for Data Science	Infosys SpringBoard	Successfully Completed
		Simulink onramp	MathWorks	Successfully Completed
		Machine Learning Techniques in Matlab	MathWorks	Successfully Completed



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		Object detection with Deep Learning	MathWorks	Successfully Completed
		Tune deep Learning Training options	MathWorks	Successfully Completed
		Curve Fitting onramp	MathWorks	Successfully Completed
16	Ms.K.Radhika	Computer Networks and Internet protocol	NPTEL	Elite
		Data Science and Engineers	NPTEL	Elite
		Natural Language processing for developers	Infosys SpringBoard	Successfully Completed
		HTML5- The LAnguage	Infosys SpringBoard	Successfully Completed
		CSS3	Infosys SpringBoard	Successfully Completed
		TypeScript	Infosys SpringBoard	Successfully Completed
		Twitter Bootstrap	Infosys SpringBoard	Successfully Completed
		Machine Learning Foundations	Infosys SpringBoard	Successfully Completed
		Faculty Enablement Program on Generative AI	Infosys SpringBoard	Successfully Completed
17	Mr.V.Padmacharan	Handson AI for Amart Appliances- From Sensor Data to embedded code	MathWorks	Successfully Completed
		MAtlab onramp	MathWorks	Successfully Completed
		MAtlab debugging and error handling	MathWorks	Successfully Completed
		Agile Project Management	HPLife	Successfully Completed
		AI for Beginners	HPLife	Successfully Completed
		DataScience and Analytics	HPLife	Successfully Completed
18	Mr.G.Gokulraj	AI for Beginners	HPLife	Successfully Completed



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		Introduction to AI concepts	Microsoft	Successfully Completed
		Matlab expo 2025	MathWorks	Successfully Completed
		Introduction to machine Learning Concept	Microsoft	Successfully Completed
		Introduction to Artificial Intelligence	Coursera	Successfully Completed
19	Mr.K. Justin Jayaraj	Introduction to Python	Infosys SpringBoard	Successfully Completed
		Python for Data Science	Infosys SpringBoard	Successfully Completed
		AI for Beginners	HPLife	Successfully Completed
20	Mr.B. Rajagopal	Beyond the Labels: Leveraging AI Techniques for Enlightened Product Choices	MathWorks	Successfully Completed
		Workshop	MathWorks	Successfully Completed
21	Ms.V.Deepthi	Matlab onramp	MathWorks	Successfully Completed
		AI for Business Professionals	HPLife	Successfully Completed
22	Ms.K.Gayathiri	Cybersecurity and Privacy	NPTEL	Successfully Completed
23	Mr.S.Abhishek	Exploring the Internet of Things with CISCO packet tracer	CISCO	Successfully Completed
		Introduction to Cyber Security	CISCO	Successfully Completed
24	Mr V.Yogabalajee	Skillquest-Generative AI Literacy	SkillUp	Successfully Completed

FDP/STTP Organized by the Department



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S.No.	Name of the Program	Date of the Program	Duration of the Program	Name of the Speaker & Designation and Organization	No. of People Attended
CAY(2024-2025)					
1	5 days FDP on "Image processing and computer vision"	01-December 2025 to 05-December 2025	5	<ol style="list-style-type: none">1. Dr. Deepak Keynes, Team Manager,2. Cognizant Technology Solutions, Coimbatore3. Dr. Essaki Rajan, Professor/CSE, PSG College of Technology4. Dr. Thirumarai Selvi, Professor/ECE, Sri Krishna College of Engineering and Technology5. Dr. M. Suresh Kumar, Professor and Head/CSE, Sri Ramakrishna Institute of Technology6. Dr. K. N. Sivabalan, Professor/CSE, Sri Ramakrishna Institute of Technology7. Dr. R. Nagendran, Professor/CSE, Sri Ramakrishna Institute of Technology8. Dr. S. Mary Praveena, Associate Professor/ECE, Sri Ramakrishna Institute of Technology9. Dr. R. Kumar, Associate Professor/CSE, Sri Ramakrishna Institute of Technology	25

Faculty Support in Student Innovative Projects



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S.No.	Name of the Faculty	Name of the Event	Date of Event	Place of Event
CAY(2024-2025)				
1	Dr S Rajesh	Israel-India Global Innovator Hackathon 26	05th Jan 2026	SREC
2	Dr S Rajesh	SRIT RPS Project	Nov 2025	SRIT
3	Dr.K.Saranya	National Entrepreneurship Challenge 2025	08th Dec 2025	IIT Bombay
4	Dr.K.Saranya	SRIT RPS Projects	Nov 2025	SRIT
5	Ms. R Abinaya	AR/VR Project	August 2025	SRIT
6	Ms K K Archana	AR/VR Project	August 2025	SRIT
7	Ms.V Preetha	AR/VR Project	August 2025	SRIT
8	Ms.A.Jayasmruthi	SRIT RPS Projects	Nov 2025	SRIT
9	Mr.G.Gokulraj	MUJ Hackx 3.0	30th oct 2025	Manipal University Jaipur
10	Mr.G.Gokulraj	National Entrepreneurship Challenge 2025	08th Dec 2025	IIT Bombay
11	Mr.G.Gokulraj	SRIT RPS Project	Nov 2025	SRIT
12	Mr.V.Padmacharan	SRIT RPS Project	Nov 2025	SRIT



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13	Mr.Rajagopal B	National Entrepreneurship Challenge 2025	08th Dec 2025	IIT Bombay
14	Mr.S.Abhishek	Israel-India Global Innovator Hackathon 26	05th Jan 2026	SREC
15	Ms Sanjana	SRIT Virtual Tour	2025-26	SRIT
16	Ms Sanjana	SRIT Security Gate Pass System	2025-26	SRIT
17	Ms Sanjana	SRIT IIC Events Management System	2025-26	SRIT
18	Ms Sanjana	Smart Wire,3D Assembly,Metal Vista,Solar Still, LLM Benchmark, Solar Cooker	2025-26	SRIT

Faculty Internship/Training/Collaboration with Industry

S.No.	Name of the Faculty	Name of the Internship/ Training/ Collaboration	Name of the Company & Place	Duration	Outcomes of Internship/ Training/ Collaboration
1	Ms.A.Sanjana	Collaboration	L&T Coimbatore	6 months	Outcome: Software Product
2	Ms.A.Sanjana	Collaboration	Indoshellcast Pvt.Ltd (Visual Inspection Partingline Problem)	6 months	Outcome: Software Product
3	Ms.A.Sanjana	Collaboration	Sixers Sports (Basketball Scoreboard)	6 months	Outcome: Software Product
4	Ms.A.Sanjana	Collaboration	Flowlink systems	6 months	Outcome: Software Product



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5	Ms.K K Archana	Collaboration	HEartsmart : Virtualreality in cardiac Ausuculation	6 months	Outcome: Software Product
6	Ms.V Preetha	Collaboration	Virtual Clinical Skill trainer for PVD Assessment	6 months	Outcome: Software Product
7	Ms.R.Abinaya	Collaboration	Virtual Reality in Healthcare education	6 months	Outcome: Software Product
8	Mr.V.Yogabalajee	Training	Secure and Easy data management with DMS	1 week	Outcome: Specialization Course
9	Mr.V.Yogabalajee	Training	Alibaba Cloud Apsara DB for PolarDB Technical Essentials	1 week	Outcome: Specialization Course

2025-2026 Faculty Publication And Book

Dr.N.S Kavitha

Books

[B1] K. Kavitha, High-Performance Computing for Scientific, Industrial, and AI-Driven Applications. ISBN: 978-81-998728-1-3, 2025. The book highlights advanced computing architectures and their applications in scientific research, industrial automation, and artificial intelligence systems.

Conference Publications

[C1] K. Kavitha, "AI-Enhanced Robotics in Healthcare: Transforming Diagnosis and Treatment," presented at an IEEE International Conference, 2025. The work explores the integration of artificial intelligence with robotic systems for healthcare diagnosis and treatment applications. (Scopus Indexed).

[C2] K. Kavitha, "Efficient YOLOv8 Model for Licence, Helmet and Person Detection," IEEE International Conference, 2025. The paper proposes an efficient YOLOv8-based framework for intelligent traffic surveillance and safety monitoring. (Scopus Indexed).



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Dr. R. Kumar

Conference Publications

[C1] Dr. Kumar co-authored five research papers presented at IEEE and international conferences including ICICNCT 2025, IC2NC 2025, and the 7th International Research Conference, Sri Lanka. The publications focus on Machine Learning, 5G Architectures, AI-Based Data Protection, and Brain Tumor Classification. (Scopus Indexed).

Dr.R.N Devendrakumar

Books

[B1] D. Devedrakumar, Nodal Analysis Made Easy – DC Circuits. ISBN: 978-81-995427-1-6, 2025. The book provides a simplified approach for understanding nodal analysis techniques in DC circuits.

[B2] D. Devedrakumar, Nodal Analysis Made Easy – AC Circuits. ISBN: 978-81-995427-4-7, 2025. The book focuses on practical methods for analyzing AC electrical circuits using nodal techniques.

[B3] D. Devedrakumar, Quantum Computing: The Next Frontier in Computer Science. ISBN: 978-81-992230-4-2, 2025. The publication introduces concepts, principles, and emerging applications of quantum computing.

Conference Publications

[C1] S. Ohmshankar et al., “Real-Time Phishing Site Detection Using Transformer Ensemble Models,” presented at the 4th International Conference on Applied AI, 2025. The study proposes transformer ensemble techniques for phishing website detection and cybersecurity enhancement.

Journal Publications

[J1] S. Leelavathy et al., “Harnessing Fuzzy Logic to Quantify Diagnostic Uncertainty in Medical Decision Support,” Fuzzy Information and Engineering, vol. 17, no. 4, 2025. The article investigates fuzzy logic-based approaches for handling uncertainty in healthcare decision support systems.

Dr. Karthikeyeni

Conference Publications

[C1] Karthikeyeni et al., “Enhancing Scalability in Smart Cities VANET: A Modularity-Based Approach for Optimized Cluster Head Selection,” presented at the 2nd International World Congress on Smart Computing (WCSC 2025), Babu Banarasi Das University, Lucknow, India, Feb. 2025. The work addresses scalability challenges in vehicular ad hoc networks for smart city applications.

[C2] Karthikeyeni et al., “Early Lung Cancer Diagnosis Using a Nadam-Optimized CNN Architecture



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on Medical Images,” presented at the 8th International Conference on Communication and Computation Technology (ICCCT 2026), Goa, India, Feb. 2026. The paper proposes a deep learning framework for early-stage lung cancer diagnosis.

[C3] Karthikeyeni et al., “Optimized Convolutional Neural Network for Early and Accurate Heart Disease Diagnosis,” presented at the IEEE 15th International Conference on Communication Systems and Network Technologies (CSNT 2026), Saudi Arabia, Apr. 2026. The work focuses on AI-driven cardiovascular disease prediction.

Journal Publications

[J1] Karthikeyeni et al., “Self-Healing Distributed Computing Architecture for Fault-Tolerant Applications,” 2025. The publication proposes a self-healing architecture for improving reliability and fault tolerance in distributed computing environments.

Dr.M Sivabalan

Books

[B1] S. Sivabalan, Quantum Computing Models, Algorithms and Applications. Yatiraja Scholarly Press, 2025. The book provides insights into quantum algorithms, computational models, and emerging applications in computing.

Conference Publications

[C1] S. Sivabalan et al., “Mind Ease+: AI-Based Mental Health Support System,” IEEE International Conference, 2025. The paper presents an AI-driven framework for mental health assessment and support. (Scopus Indexed).

Patents

[P1] S. Sivabalan, IoT Enabled Remote Structural Health Monitoring Device, Design Patent No. 474568-001, 2025. The innovation enables remote monitoring of structural conditions using IoT technologies.

Dr. M Kalpanadevi

Book Chapters

[BC1] Kalpanadevi, “The Ransomware Resurgence: A Critical Analysis of Healthcare Sector Vulnerabilities,” in BookBytes International Publications, 2025. The chapter examines cybersecurity threats and ransomware attacks targeting healthcare systems.

Conference Publications



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[C1] Kalpanadevi et al., “Contextual Weighted Voting Ensemble for Enhanced Customer Behavior Prediction Using Dynamic Attention-Based Model Fusion,” presented at the IEEE International Conference on Computing Methodologies and Communication (ICCMC 2025). The work proposes an ensemble learning framework for customer behavior analytics. (Scopus Indexed).

Journal Publications

[J1] Kalpanadevi et al., “Machine Learning Approach for Predicting Altitude Sickness Susceptibility Through Personalised Pre-Acclimatisation Protocols,” Journal of Environmental Protection and Ecology, vol. 26, no. 2, pp. 473–483, 2025. The study explores machine learning methods for personalized healthcare prediction.

[J2] Kalpanadevi et al., “Enhancing Sales Forecasting Accuracy Through Machine Learning Models in Business Analytics,” in Proceedings of Data Analytics and Management (ICDAM 2025), Springer, vol. 9, 2025. The work focuses on predictive analytics for business forecasting applications.

Mr. Justin Jayaraj

Book Chapters

[BC1] J. Jayaraj, “Breast Cancer Segmentation Using Deep Learning U-Net,” Springer Nature Switzerland, 2025. The chapter presents deep learning-based medical image segmentation techniques for breast cancer diagnosis.

Ms. Sanjana

Books / Book Chapters

[BC1] Sanjana authored scholarly works on Explainable AI and Industry 4.0, VR Therapy for Mental Disorders, AR/VR in Healthcare, Quantum Computing in Machine Learning, AIoT in Agriculture, and Smart IoT and Mental Health, highlighting emerging technologies and their industrial applications.

Conference Publications

[C1] Sanjana et al., “Solar Still – Sound Agitation,” presented at ASME IMECE India 2025. The research investigates innovative sustainable energy and water purification methodologies.

Patents

[P1] Leaf Disease Detection Robot, Patent Filed, 2025.

[P2] Camera-Integrated Mudguard, Patent Filed, 2025.

Ms. S Abinaya

Conference Publications



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[C1] Abinaya et al., "Machine Learning Based Web Classifier for ECG Arrhythmia Detection," International Conference, 2025. The work applies machine learning techniques for cardiac arrhythmia diagnosis.

[C2] Abinaya et al., "Cardio Aid: A Real-Time Predictive and Interpretative Platform for Cardiac Care Using Machine Learning," International Conference, 2025. The paper presents an intelligent platform for cardiac care and predictive healthcare analytics.

Ms. S. Revathi

Journal Publications

[J1] S. Revathi, "Enhanced Short-Term Traffic Flow Forecasting Using a Meteorological Spatio-Temporal Transformer with Multi-Head Attention and Whale Optimization," Scientific Reports, 2025. The study proposes a transformer-based deep learning framework for intelligent traffic forecasting and smart transportation systems.

Ms V. Preetha

Book Chapters

[BC1] Preetha, "Quantum Computing and Industry Transformation," 2025. The publication discusses the transformative impact of quantum computing on industrial innovation and future computing paradigms.

Mr.G Gokulraj

Book Chapters

[BC1] Gokulraj, "Deep Learning-Based U-Net Enhancement for Breast Cancer Segmentation," Springer Book Lecture Series, 2025 (Scopus Indexed). The chapter focuses on improving medical image segmentation using deep learning techniques.

Conference Publications

[C1] Gokulraj et al., "Person Detection Using Proposed YOLOv8 in Crime Hotspot Cities," IEEE Xplore International Conference, 2025 (Scopus Indexed). The work proposes a computer vision framework for intelligent surveillance.

[C2] Gokulraj et al., "Efficient YOLOv8 Model for Licence, Helmet and Person Detection," IEEE Xplore International Conference, 2025 (Scopus Indexed). The paper focuses on traffic monitoring and public safety using deep learning-based object detection.



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List of sponsored research projects received from external agencies in the academic year - 2025-26.

S.No	PI Name	Co-PI names if any	Name of the Dept. where project is sanctioned	Project title*	Name of the Funding agency	Duration of the project	Amount (Lacs)
1	Dr. J. David Rathnaraj	Immanuel R Sanjana N	Mechanical Engineering and Computer Science and Engineering	Metalens vista visual intelligence system for transparent AI analysis and advanced metal scrap classification using explainable AI	Government of India Ministry of Mines	2 years	22.160
Amount received (Rs.)							22.160

List of faculty members received seed money or internal research grant from the institution in the academic year - 2025-26

S.N	Faculty name	Project title/Support for Activity	Duration	Amount (Lacs)	Amount Utilized (Lacs)	Outcomes of the Project
1	Dr.S.Rajesh,Assoc. Prof/CSE Dr.K.Saranya,AP(Sr.Gr)/CSE	Smart Waste Management System	1 Year	0.255	0.255	<input type="checkbox"/> Conducted technical workshops , STEM outreach programs, and talent-
2	Mr.G.Gokulraj, AP/CSE Dr.K.Saranya,AP(Sr.Gr)/CSE	Emergency Braking System	1 Year	0.151	0.151	



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3	Mr.G.Gokulraj, AP/CSE Dr.K.Saranya,AP(Sr.Gr)/CSE	Voice- Controlled Assistive Glove	1 Year	0.232	0.232	driven recruitmen t initiatives in robotics.
4	Mr.V.Padmacharan, AP/CSE Dr.K.Saranya,AP(Sr.Gr)/CSE	CP-0	1 Year	0.250	0.250	<input type="checkbox"/> Presented innovative student projects to industry experts, governmen t authorities, and global AI & robotics leaders.
5	Ms.A.Jayasmruthi, AP/CSE Dr.K.Saranya,AP(Sr.Gr)/CSE	Ink-A-Bot	1 Year	0.310	0.310	
Amount received (Rs.)					1.199	