

BIO DATA



I. Personal Details

Name : C.R.RENE ROBIN, M.E., Ph.D
Designation & Address : Professor (CSE) & Dean (Innovation)
Sri Sairam Engineering College (Autonomous)
Chennai – 44
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e-mail : crrenerobin@gmail.com
Nationality : Indian
DOB : 30-05-1977
YouTube : <https://www.youtube.com/channel/UCIysEb9D1LiozKGIkCrrOZw>
LinkedIn : <https://www.linkedin.com/in/dr-c-r-rene-robin-52708322/>

II. Educational Qualification

Sl. No.	Degree	Institution	Year of Passing
1	Post Graduate Certificate in Technology Leadership and Innovation	Massachusetts Institute of Technology, USA	March 2025
2	Ph.D (Computer Science and Engineering)	College of Engineering Guindy, Anna University, Chennai	Dec. 2011
3	M.E. (Computer Science and Engineering)	College of Engineering Guindy, Anna University, Chennai	May 2006
4	M.C.A	The American College, Madurai.	Nov. 2000
5	B.Sc. (Physics)	Annai Velankanni College, Kanya Kumari Dist	April 1997

III. Work Experience

Sl. No.	Organization	Designation	Period
1	Ramanujan Computing Centre,	Programmer	Dec. 2000 – June. 2006

	Anna University, Chennai-25		
2	Jerusalem College of Engineering, Chennai-100	Lecturer	July 2006 – July 08
		Sr. Lecturer	Aug. 08 – Jan. 09
		Assistant Professor	Feb 09 – July 09
		Asst. Prof. (Grade – III) & Head (i.c)	Aug. 09 – Dec 2011
		Professor & Head	Jan’ 2012-Apr.2016
		Professor (CSE) & Joint Director	May 2016 – Jan. 2018
		Professor & Associate Dean	Feb. 2018 – Dec. 2020
3	Sri Sairam Engineering College, Chennai	Professor & Dean(Innovation)	Dec. 2020 – Till Date

IV. Publications (List Enclosed)

1. Book Chapters : 04
2. International Journal :46
3. International Conference :24
4. National Conference :11

V. Research Recognition

1. Research Supervisor of Anna University, Chennai. Ref. No. 20.499.12
2. No of Students Completed Ph.D : 17
3. No. of Students Pursuing Ph.D : 07
4. Ph.D Thesis Evaluation : 02
5. Doctoral Committee Member of Anna University, Chennai.
6. Doctoral Committee Member of Sathyabama University, Chennai
7. Doctoral Committee Member of VIT University, Chennai
8. Doctoral Committee Member of VISTAS, Chennai
9. Expert Member for Comprehensive Viva Voce, SRM University, Chennai.
10. Past President, Jerusalem Research Forum

VI. Area of Interest

- | | |
|----------------------------|---------------------------------|
| 1. Software Engineering | 2. Artificial Intelligence |
| 3. Knowledge Management | 4. Software Risk Management |
| 5. Ontological Engineering | 6. Semantic Web and e-learning. |
| 7. Predictive Analytics | 8. Cloud Computing |

VII. Co-curricular Activities

1. Number of workshops/short-term courses conducted: 15+
2. Number of workshops/short-term courses attended: 15+

VIII. Professional Membership

1. Senior IEEE Member – No. 97796517
 - a. Member of Society on Social Implications of Technology Membership
 - b. Member of Education Society
 - c. Member of Technology and Engineering Management Society
 - d. Member of Reliability Society
 - e. Member of Computational Intelligence Society
 - f. Member of Computer Society
2. Institute of Scholars – Membership No. InSc2021D08
3. ACM Professional Member – Membership No ; 2498108
4. Ambassador for ACM
5. Indian Society for Technical Education (ISTE) – Life Time Member
6. IACSIT – Life Time Member
7. Institute of Scholars (Id. InSc2021D08) – Professional Member
8. Engineering Applications of Artificial Intelligence, An International Journal of Elsevier – Reviewer
9. International Journal of Software Engineering and Knowledge Engineering – Reviewer
10. International Journal of Computer and Electrical Engineering – Editor
11. Advisor, Academic Research International, an International Journal
12. External Member of the Institutional Innovation Council (IIC) 5.0 at Sri Ramachandra Institute for Higher Education & Research (DU).

IX. Guest Editor

Special Issue on “Ontology Paradigms in Software Programming Languages”
International Journal of Metadata Semantics and Ontologies, Inderscience
Publisher. (2014)

<http://www.inderscience.com/info/inarticletoc.php?jcode=ijmso&year=2014&vol=9&issue=3>

X. Book Chapter Published

Book Title : Knowledge based Processes in Software Development
Chapter Name : ONTO-KMS-TEC : An Ontology based Knowledge
Management Framework to Teach Engineering Courses
Publishers : IGI Global, USA
Year : 2013

XI. Book Published

Title #01 : Role of Ontology in Software Risk Management – KM Approach
Publisher : LAP Lambert Publishing House, Germany
ISBN : 978-3659111983
Year : 2012

Title #02 : Design and Analysis of Algorithms
Publisher : Sree Kamalamani Publications, India
ISBN : 978-81-926636-1-6

Year : 2014

Title #03 : BIG DATA ANALYTICS

Publisher : Universities Press

ISBN : 978-93-93330-46-8

Year : 2024

Title #04 : Machine Learning – A Hands-on Approach

Publisher : Universities Press

ISBN : 978-81-974249-8-4

Year : 2025

XII . Patent Published (25)

Design Patent (2)

1. Design No. 347901-001: Eco friendly device for carbon-di-oxide adsorption.

Date of Filing: 13-08-2021. **Date of Grant:** 28-06-2022

2. Design No. 348806-001: Hydroponic Plant Stand. **Date of Filing:** 03-09-2021.

Date of Grant: 10-08-2022

Utility Patent (23)

1. **202641011055:** Intelligent AI-Driven Framework for Automated Data Quality Enhancement, Transformation, and Adaptive Data Governance. Date of Filing: 02-02-2026. Date of Publication: 13-02-2026
2. **202541026686:** IoT-based monitoring system for real-time detection of harmful gases and fire hazards in work environments. Date of Filing: 23-03-2025. Date of Publication: 11-04-2025
3. **202541018177:** Graphical tool for configuring and managing virtual scenarios in cyber defense exercises. Date of Filing: 01-03-2025. Date of Publication: 13-03-2025
4. **202541010805:** Adaptive A3C-Based residual recurrent neural network system for dynamic task scheduling in uncertain edge-cloud computing environment. Date of Filing: 09-02-2025. Date of Publication: 14-02-2025.
5. **202441081828:** A behavior-based biometrics verification using machine learning techniques and method thereof. Date of Filing: 26-10-2025. Date of Publication: 08-11-2025.
6. **202441063943:** AI - Assisted patient monitoring system for early disease detection., Date of Filing: 23-08-2024. Date of Publication: 30-08-2024
7. **202441040835:** A machine learning based system for anomaly detection in data streams., Date of Filing: 26-05-2024. Date of Publication: 31-05-2024.
8. **202441007498:** Optimizing machine learning workload task scheduling in cloud environment. Date of Filing: 03-02-2024. Date of Publication: 01-03-2024

9. **202341063341:** A real time monitoring and analysis of social media data using natural language processing.. Date of Filing: 21-09-2023. Date of Publication: 06-10-2023
10. **202341061805:** A System and method for integration of internet of things(IOT) network integrated with cloud based virtual reality. Date of Filing: 14-09-2023. Date of publication: 06-10-2023
11. **202341057262:** A System and method for integration of internet of things(IOT) with 5G Networks. Date of Filing: 25-08-2023 Date of Publication:
12. **202321049517:** An automated data categorization and clustering system using unsupervised learning algorithms. Date of Filing: 22-07-2023. Date of Publication: 22-09-2023
13. **202341048241:** Machine Learning and AI Methods for forecasting Nanoscale delivery to tumors. Date of Filing: 18-07-2023. Date of Publication: 01-09-2023
14. **202341008527:** Network Filter using Machine Learning and Artificial Intelligence interfaces. Date of Filing: 09-02-2023. Date of Publication: 24-02-2023
15. **202341004327:** A System for diagnosing a patient by using previous medical history based on CNN and working method thereof. Date of Filing: 22-01-2023. Date of Publication: 17-02-2023.
16. **202311006047:** Machine Learning Approach built on block sparse coding for accurate device free localization in IOT environment. Date of Filing: 31-01-2023. Date of Publication: 10-02-2023
17. **202241077102:** An Intelligent Transport Vehicle Management & Routing System. Date of Filing: 30-12-2022. Date of Publication: 20-01-2023
18. **202241071012:** METHODS AND SYSTEM FOR DETECTION OF EYE GAZE-PATTERN ABNORMALITIES AND RELATED NEUROLOGICAL DISEASES Date of Filing: 09-12-2022. Date of Publication: 30-12-2022
19. **202241065526:** A DEEP LEARNING BASED SYSTEM FOR ANOMALY DETECTION IN MACHINE LEARNING DATA AND METHOD THEREOF Date of Filing: 15-11-2022. Date of Publication: 25-11-2022
20. **202241066484:** An Unmanned Aerial Vehicle (UAV) assembly for monitoring agricultural waste by image processing system and method thereof. Date of Filing: 19-11-2022. Date of Publication: 25-11-2022
21. **202241057601:** An IOT embedded smart antenna assisted by enhanced machine learning system and method thereof. Application No. 202241037601. Date of Filing: 07-10-2022. Publication Date: 14-10-2022
22. **202221056876:** A blockchain based system for digital certificates authentications and method thereof. Application No. 20221056876. Date of Filing: 04-10-2022. Publication Date: 14-10-2022
23. **202241056616:** A SYSTEM AND METHOD FOR MANAGING GOVERNMENT AFFAIR ON CLOUD COMPUTING FOR A SMART CITY. Date of Filing: 02-10-2022. Publication Date: 14-10-2022
24. **202131021765:** AN AI AND IOT BASED TRAFFIC SURVEILLANCE SYSTEM FOR BIKE RIDERS AND METHOD THEREOF. Date of Filing:14-05-2021 Date of Publication:11-06-2021.

XIII. Media Experience

Tamil News Reader - Door Dharshan From 2005 To 2006
WIN TV From 2006 To 2009
Voice Artist
Television Anchor

XIV. Awards & Achievements

- Best Pre Incubation Program at University Award @ Startup Mahakumph, Delhi. 05-04-2025
- New Code of Education 2025 I Runner Up Award @ IIT Delhi 21-03-25
- SPOC: Smart India Hackathon 2024
- Dean of the Year - EduTech Power India Awards 2024 by Raise Global Innovation Forum UK, MSME Chamber of Commerce and Industry of India, and MIT Square, London. 05-10-2024
- Inspiring Education Hero Award by EGN, India.
- Dr.Kalam Best Professor Award 2023 by World Youth Federation.
- Award for Research & Innovation by Sairam Institutions Sep. 2021
- Award for Research Excellence at INDO AMERICAN Educational Summit 2016 by Indus Foundation
- Award for Teaching Excellence at Indo Global Education Summit 2013 by Indus Foundation
- Best Citizens of India Award 2013 by International Publishing House, New Delhi.
- Young IT Professional Award 2012 (Special Mention) by Computer Society of India for the Region VII.
- Mentor Award – The Great Mind Challenge 2011 – IBM, India.
- Best Academic Performer Award for the academic year 2010-2011
- Best Teacher Award for the academic year 2011-2012
- Expert / Advisor, Recruitment Board, Staff Selection Commission, Govt. of India.
- Organizing Chairman, National Conference on Advanced Computing & Information Technology (NACIT '13).
- Chairman, Central Valuation, CSE/IT Board, Anna University, Jan '16, May '16, Dec. 16, May '17.
- Member, Pre Valuation Board, CSE/IT Board, Anna University, Jan 2016, Dec. 2017
- Member, Result Passing Board, CSE/IT Board, Anna University, May 2016, Dec 2016, May 2017
- Member, Students Malpractice Enquiry Committee, Office of COE, Anna University on 25-02-2017
- Member, Faculty Enquiry Committee, Office of COE, Anna University on 29-09-2017
- Life Time Service Award presented by YMCA Madras during 128th anniversary celebration on 21-12-2018.

XV. Invited Talk

Sl. No	Topic Delivered	Date	Name of the Programme	Name of the Institution
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1	Inaugural Address			Loyola College, Chennai 34
2	Ontological Engineering	15 th Nov. 2011	AU Sponsored FDP	SVCE, Chennai
3	Software Engg. & Quality Assurance	17 th Feb. 2012	Dept. Association Inauguration	Rajiv Gandhi Engineering College, Chennai.
4	Role of a Teacher	2 nd Dec. 2012	Orientation Programme for Faculty	Jerusalem College of Engineering
5	Ontology and Data Mining	24 th Aug. 2013	Workshop on Data Mining	Jerusalem College of Engineering
6	Keynote Address	18 th Feb. 2013	Symposium – Valedictory Function	Loyola-ICAM College of Engg. & Tech, Chennai-34
7	Knowledge Management	28 th Feb. 2014	Faculty Development Programme	VIT University, Chennai.
8	Basic Computer Technology	14 th Nov. 2010	DST Sponsored Inspire Programme.	Jerusalem College of Engineering
9	Class Room Discipline	1 st July. 2014	Orientation Programme for Faculty	Jerusalem College of Engineering, Chennai 100
10	Guide to Smart Working Environment	2 nd Feb. 2016	Skill Development Programme on Trending Technologies	Jerusalem College of Engineering, Chennai 100
11	Keynote Address	18 th March 2016	National Conference	Dhanalakshmi Srinivasan College of Engg., Chennai.
12	Keynote Address	7 th April 2016	National Conference	Loyola ICAM College of Engg & Tech., Chennai.
13	Session Chair	5 th May 2017	International Conference	St. Joseph's Institute of Technology, Chennai
14	Resource Person	13 th October 2017	Training Programme on Educational Technology	St. Christopher's College of Education
15	Resource Person	13 th Dec., 17	FDP on ICT in Teaching Learning Methodologies	Jerusalem College of Engineering.
16	Resource Person	25 th Oct., 2018	Faculty Development Program of South Asia	St.Aloysius' College, Jabalpur, MP
17	Invited Speaker	27 th Oct., 2018	Faculty Development Programme on Cognitive Computing	SRM Institute of Science & Technology, Chennai

18	Resource Person	26 th Nov., 2018	Workshop on Logical Thinking and Programming	Jerusalem College of Engineering.
19	Chief Guest	27 th Nov.,2018	Mahatma Gandhi Award Fest	YMCA Madras & School Voice
20	Chief Guest		Annual Sports Meet	Sri Sairam Matriculation & Higher Secondary School, West Tambaram
21	Chief Guest		Science Exhibition	Sri Sairam Matriculation & Higher Secondary School, Madipakkam.
22	Panelist	14-06-2023	Startify	Anna University, Chennai.
23	Panelist	11-05-2023	Fire-side Chat on Technology Commercialization & Transfer to Industry	Anna University, Chennai
24	Panelist	22-07-2023	AI Integration in STEM Curricula: Strategies and Implications	AI & STEM Conference.
25	Panelist	08-06-2024	Senior Leadership Panel: Beyond Boundaries: The Journey of the Lifelong learner in a globalized world	2024 Global Virtual Summit, GELP, Canada.
26	Panelist	21-06-24	National Conference on Quality Assurance Learning	Dr.MGR University, Chennai
27	Resource Person	01-08-2024	Converting Innovation into a Startup	Sri Sairam Homoeopathy Medical College and Hospital.
28	Motivational Talk	16-08-2024	CAN DO WORKSHOP FOR RURAL STUDENTS	ULLAS TRUST
29	Chief Guest	10-08-2024	TECHNOVATION 2024	S.L.N Matriculation Higher Secondary School, Chennai.
30	Keynote address	30-08-2024	International Webinar on "Modern Drilling Techniques for Extracting Unconventional Resources, especially Shale Oil and Gas	JP Jacob International Research Foundation, UK,

31	Tech Talk	27-09-2024	AI Revolution in Project Management: The Sairam Innovation Ecosystem	Sri Sai Ram Engineering College
32	Tech Talk	01-10-2024	Crafting Intelligent Solutions: AI Product Design for Innovation Ecosystem	Sri Sai Ram Engineering College
33	Tech Talk	04-10-2024	AI Product Design: Empowering Students in the Sairam Innovation Ecosystem	Sri Sai Ram Engineering College
34	Panelist	06-10-2024	How to Make Chennai the Next Big Startup Hub in India	Start up Club, Chennai.
35	Session Chair	09-10-2024	4th IEEE International Conference on Power Energy Control & Transmission	Sri Sai Ram Engineering College
36	Panelist	19-10-2024	NIRF Higher Ed Summit	Hotel Le Meridien, Coimbatore
37	Tech Talk	28-10-2024	AI by Students, for the Future: Designing Innovative Products at Sairam	Sri Sai Ram Engineering College
38	Tech Talk	08-11-2024	Empowering Innovation: AI Product Design at Sairam Campus	Sairam Institute of Technology, Chennai
39	Resource Person	18-12-2024	Capacity Building Workshop for Early Career Researchers	Sri Ramachandra Institute of Higher Education and Research, Chennai
40	Keynote Address	20-12-2025	International Conference on Advances in Nanomaterial-Based Sensors: Impacting Environmental Pollution Detection through Artificial Intelligence - ICANS'24	Saveetha Engineering College, Chennai
41	Moderator	30-01-2025	International Conclave on Business and Intelligence	Women's Christian College, Chennai
42	Resource Person	20-03-2025	Innovation - An Integral Part of Engineering Education	St. Joseph's Institute of Technology, Chennai
43	Guest of Honor	27-03-2025	Inauguration of the IEEE Vehicular Technology Society, IEEE Computer Society, and IEEE WIE Student Branch Affinity Group.	Sri Sairam College of Engineering, Bengaluru.

44	Moderator	12-04-2025	Panel Discussion on “The Power of Professional Bodies in Academic Transformation”	ICT Academy
45	Plenary Talk	12-04-2025	on “Achieving Sustainable Development Goals in Higher Education,”	ICT Academy
46	Resource Person	21-04-25	Faculty Development Programme for AICTE IDEA LAB Co-coordinators	K.S. Rangasamy College of Technology, Tiruchengode
47	Keynote Address	24-04-2025	India Design Week 2025, ICT Academy	Sri Sairam Engineering College
48	Resource Person	28-04-2025	Design Thinking for Educator	K.S. Rangasamy College of Technology, Thiruchencode.
49	Resource Person	15-05-2025	Designing the Future: Mentorship Through the Lens of Design Thinking	Sri Sairam Engineering College
50	Keynote Address	25-05-25	G-20 International One Planet Cabinet	Education 360 Virtual Confluence
51	Resource Person	30-05-2025	Think like a Designer: Teaching with Creativity & Clarity	Sreenithi University, Hyderabad.
52	Resource Person	30-05-2025	Innovation and Design Thinking	Sreenithi Institute of Science and Technology, Hyderabad.
53	Resource Person	23-06-2025	AI Tools to Boost Your Learning & Creativity	Central Institute of Classical Tamil (CICT), Chennai
54	Resource Person	07-07-25 & 08-07-25	Design Thinking in the Engineering Classroom – A Faculty Perspective	Jai Shriram Engineering College, Tirupur
55	Moderator	10-07-2025	Proud past to a promising future	Sri Sairam Engineering College
56	Resource Person	10-07-2025	Beyond the Classroom: Your Innovation Playground at Sairam	Sri Sairam Engineering College
57	Resource Person	23-07-25	Classical Tamil in the World of Artificial Intelligence	Central Institute of Classical Tamil (CICT), Chennai
58	Moderator	01-08-25	Voices of Fire: Igniting Purpose - Driven Careers with IEEE	IEEE HKN Nu Eta Symposium, Sri Sairam Engineering College.
59	Resource Person	30-08-25	Journey of SIH: Transforming Ideas into Solutions.	Velalar College of Engineering and Technology, Erode.

60	Resource Person	09-10-25	Integrating Sustainability in Teaching and Research	SRM Institute of Science & Technology, Chennai
61	Speaker	14-11-25	Innovation & Design Thinking	Stella Maris College, Chennai
62	Keynote Speaker	28-11-25	Roll of Innovation Ambassador for Driving IIC	IIC Regional Meet, St. Joseph Institute of Technology, Chennai.
63	Panellist	29-11-25	Entrepreneurship on Campus	EDC Conclave - IIT PALS, IIT Madras.
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XVI. R&D Funded Project

Principal Investigator: R&D Infrastructure Funded Project under DST FIST Level 0.
Amount: Rs. 1,45,71,460 /=
Project Title: “Campus Modernization through Radio Frequency and Photonics”

XVII. Consultancy Project

Topics : *Ontology-based Enterprise Risk Management for Banking Domain*

Funded by : Scope e-Knowledge Center Pvt. Ltd, Chennai

Amount : 1.18 Lakhs

Duration : Oct 2019 – Feb 2020

XVIII : Community / Skill Development Project (#2)

Role : Project Head

Funded by : DDUGKY (Govt. of India) & TNSRLM (Govt. of Tamil Nadu)

Objective : Imparting skill training to rural candidates

Amount : 7 Cores (Sanctioned to Jerusalem Educational Trust)

Duration : 2019 – 2022

Role : Nodal Officer

Sanctioned by : NSQF, UGC, Govt. of India

Objective : Provide Certificate, Diploma, Advance Diploma & B.Voc Courses

Amount : Self Financing

Duration : 5 Years from 2020-21

XIX. Countries Visited: Dubai, Sri Lanka, Maldives, Bhutan, Singapore, Malaysia, Wales and England

- High Performance Computing Lab, Science and Technology Facilities Council, The Hartee Centre, Daresbary, UK on 09-05-2014.
- Cardiff University, Wales on 13-05-2014 and gave a talk on “An Ontology based Domain Model to enhance the Software Development Process” to the Knowledge Engineering Group headed by Dr. Rassi Setchi.

- Manchester Metropolitan University, England on 16-05-2014.

XX. Resource Person for Webinar from July 2020 to Till Date

Sl. No	Name of the Event	Date	Organization	YouTube Link	Number of Views
1	Webinar on "Research Paper to Patent Filing - A Road Map"	25-06-2020	Vels Institute of Technology & Advanced Studeis, Chennai	https://youtu.be/WoC5iprG7ws	6500+
2	Webinar on Common Tools and their Applications in e-Teaching, Learning	26-06-2020	UNIVERSITY COLLEGE FOR WOMEN, Hyderabad	https://youtu.be/1WDeOUSWLmI	2100+
3	Webinar on "Knowledge Engineering"	13-07-2020	St.Joseph's Institute of Technology, Chennai	https://youtu.be/SsFFibATYMM	2400+
4	Webinar on "Enhance Learning & Teaching Skill using Digital Tools"	20-07-2020	OM SHANTHI College of Education, Kancheepuram	https://youtu.be/hrTh8Qi8dMA	6400+
5	Webinar on "Planning Online Learning & Online Resources"	23-07-2020	Sri Siddhartha Institute of Medical Science & Research, Bengaluru	https://youtu.be/KP-rrJftOb8	2300+
6	Webinar on "Enhance Teaching and Learning Skills using Digital Tools"	31-07-2020	Moradabad Institute of Technology, Luknow	https://youtu.be/YstdurYUscw	5100+
7	Webinar on "ICT Enabled Pedagogy"	06-08-2020	Govt. College of Educaation, Pudukootai	https://youtu.be/iJrJzZhRWBw	6300+
8	Webinar on "Intellectual Property and Patent Filing"	21-08-2020	Nazareth College of Arts & Science Avadi, Chennai 62	https://youtu.be/jUIG7HoHeLE	2700+
9	Webinar on Knowledge Engineering in Artificial Intelligence	07-09-2020	St.Antony's College of Arts And Sciences For Women, Dindigul	https://youtu.be/mmdJ-aTm6oc	2400+
10	Webinar on "Enhance your Innovative Skills to top your competition"	17-11-2020	Jerusalem College of Engg, Chennai	https://youtu.be/I2RbwgzMJtw	750 +
11	Webinar on "Discover your Innovative Skills"	25-11-2020	Patrician College of Arts and Science Chennai	https://youtu.be/AEOli7JcMzE	670+
12	Webinar on "Identifying Intellectual Property components at the early stage of Innovation"	10-12-2020	Nazareth College of Arts and Science. Avadi, Chennai	https://youtu.be/KkiWVG4cNK8	350 +
13	Webinar on "An Innovative Research on Sustainopreneurship : Vision 2030"	28-12-2020	Moradabad Institute of Technology, Moradabad, UP	https://youtu.be/-2mOjkm0gQ	560+

14	Webinar on "IPR Literacy on Filing patent and Copy Rights"	20-01-2021	Patrician College of Arts and Science Chennai	https://youtu.be/f_5gj5Mp530	160+
15	Webinar on "Intellectual Property Rights"	22-01-2021	RATHINAM College of Arts & Science	https://youtu.be/srE4WcJ4xBg	440+
16	Webinar on "Protect your Intellectual Properties using IPR"	04-02-2021	Seshadripuram Academy of Business Studies K S Town, Bangalore	https://youtu.be/WII8MoWCLLI	260+
17	Webinar on "Research on Sustainable Development"	06-02-2021	S.S.Jain Subodh P.G (Autonomous) College, Jaipur, Rajasthan	https://youtu.be/OTzV1tdMHTQ	630+
18	Webinar on "Sustainable Development Goals"	08-02-2021	Sri Sairam Engineering College, Chennai	https://youtu.be/_wu1ZcvsBqM	1400+
19	Webinar on "Intellectual Property Protection for Innovative Technologies"	16-02-2021	Vels Institute of Technology & Advanced Studeis, Chennai	https://youtu.be/BFBe5wGNgp k	140+
20	Webinar on "Intellectual Property Rights"	25-02-2021	Rathinam College of Arts & Science Coimbatore	https://youtu.be/Fooi9QSaxpg	150+
21	Webinar on "Research on Sustainability Science"	03-03-2021	Seshadripuram Academy of Business Studies Bengaluru - 560 060	https://youtu.be/aKgLkUGIERU	200+
22	Webinar on "IPRs and IP Management for Startups"	24-03-2021	PSGR Krishnammal College for Women Coimbatore	https://youtu.be/nfrjrbB5gUzE	175+
23	Webinar on "IPRs and Intellectual Property Management for Startups"	09-04-2021	M.A.M. School of Engineering Trichy - 621 105	https://youtu.be/CcAWovyiqb8	255+
24	Webinar on "Research Perspectives of Data Science"	28-06-2021	Sri Sairam Engineering College Chennai 44	https://youtu.be/TnN4z_QQfW0	254+
25	சங்க இலக்கிய பொறியியல் ஆய்வு மையம் தொடக்க விழா சிறப்புரை	10-07-2021	சங்க இலக்கிய பொறியியல் ஆய்வு மையம் தொடக்க விழா	https://youtu.be/tAHIDXimBTM	158+
26	Webinar on "Study Opportunities in India"	17-07-2021	India Africa Network Education Sector	https://youtu.be/KVjs57KNEK4	95+
27	Keynote Address on "Machine Learning Algorithms"	24-07-2021	International AI Summit & Expo 2021	https://youtu.be/7_gOpcSbhoM	78+
28	Special Address on "PYTHON"	31-07-2021	IEEE Fivethon Bootcamp Valedictory Function	https://youtu.be/0ZFhL2KcCkY	35+

29	Webinar On "Identifying Intellectual Property Component at the early stage of Innovation"	07-08-2021	Arulmigu Palaniandavar College of Arts and Culture, Palani	https://youtu.be/vtvHmSU6jts	711+
30	Webinar on NEP 2020 - Research Innovation & Ranking	09-08-2021	Sri Sairam Engineering College	https://youtu.be/ZbixeLnvR0k	2257+
31	Webinar on NEP 2020 - Use of Technology in Education	11-08-2021	Sri Sairam Institute of Technology, Chennai.	https://youtu.be/9GeArAJNrKA	141+
32	Webinar on NEP 2020 - Skill, Entrepreneurship & Employability : Opportunities and Challenges	16-08-2021	Nehru Arts and Science College Coimbatore	https://youtu.be/MwtPYWwbYAAQ	133+
33	Webinar on Fundamentals of Intellectual Property Rights	26-08-2021	St.Joseph's College of Commerce (Autonomous) Bangalore	https://youtu.be/wto2siBSKyo	162+
34	Orientation Program Talk on "Innovative Thinking : Skill of the Future"	27-08-2021	Sairam Institutions, Chennai	https://youtu.be/H-M94wI6DDY	194+
35	Webinar on Intellectual Property Rights and IP Management for Start up	28-08-2021	Dhanalakshmi Srinivasan College of Engineering and Technology, Chennai	https://youtu.be/s_bY0y2L22s	109+
36	Expert Talk on "Innovation in Civil Engineering"	28-08-2021	IEEE Civil Chapter, Sri Sairam Engineering College.	https://youtu.be/-dtoVEoAOGI	98+
37	Webinar on "Why IP is Important to Academia"	08-09-2021	Dr.T.Thimmaiah Institute of Technology, Oorgaum Post Karnataka.	https://youtu.be/UCDL4G9WyL4	154+
38	Webinar on "Sustainable Development & Business Model"	24-09-2021	Department of DSBS, SRMIST	https://youtu.be/jDN8Ncnh5J4	196+
39	Webinar on "Applications of AR/VR in Industry 4.0"	04-10-2022	Sri Sairam Engineering College	https://youtu.be/HJTSVOSLuw8	56+
40	Webinar on "Creating and Nurturing Innovation Ecosystem"	21-10-2021	St. Pious X Degree & PG College for Women, Hyderabad	https://youtu.be/H-6E1VXTZKE	96+
41	Webinar on NEP2020 - Skill, Entrepreneurship & Employability : Opportunities and Challenges	11-11-2021	Nehru Arts and Science College Coimbatore	https://youtu.be/P5nwoQqNT08	157+
42	Webinar on "Multidisciplinary Education for Industry 4.0"	16-12-2021	Vels Institute of Science, Technology & Advanced Studies (VISTAS)	https://youtu.be/DmHmJ_-xeww	71+

43	Webinar on "IP as a Tool for Innovation"	21-12-2021	Thiagarajar College (Autonomous), Madurai.	https://youtu.be/_xQRdxE7kk0	97+
44	Webinar on Process of Innovation Development TRL Commercialisation of Lab Technologies	08-01-2022	Dr.T.Thimmaiah Institute of Technology, Oorgaum Post Karnataka.	https://youtu.be/U8t8m3AopPg	67+
45	Proof of Concepts Developed and Linkage with Innovation Ambassadors for Mentorship Support	10-01-2022	Sri Sairam Institute of Technology Chennai -44	https://youtu.be/useQsGARXok	168+
46	Webinar on Innovation Development Technology Readiness Level Commercialisation Technology Transfer	20-01-2022	MAM School of Engineering, Trichy	https://youtu.be/S7SmRBdszhw	70+
47	Orientation Program on Smart India Hackathon 2022	05-02-2022	Saveetha Engineering College Chennai	https://youtu.be/9vwZT_oRR6Y	230+
48	Need of Innovation in Higher Education	18-02-2022	British Engineering Institute JP JACOBS International Research Foundation UK	https://youtu.be/-qZ13hYr5YM	75+
49	FDP on "Innovative Research Avenues & Emerging Challenges in 4.0"	26-02-2022	Jeppiar Engineering College, Chennai.	OFFLINE	50
50	Process of Innovation Development & Technology Readiness Level	02-03-2022	PSG College of Arts & Science, Coimbatore	https://youtu.be/eG-K4LWO7Po	100+
51	Intellectual Property and Youth	28-04-2022	GKM College of Engg & Tech., Chennai	https://youtu.be/F8bbevOJ5x0	100+
	Action for the Protection of the Environment	06-06-2022	SRM Public School	In Person	
52	Innovation in Classroom Teaching Learning	28-06-2022	V O Chidambaram College, Thoothukudi	https://youtu.be/McGE3u-OwNI	200+
53	Technology Enabled Teaching, Learning and Innovation	19-07-2022	Tagore Engineering College, Chennai.	https://youtu.be/t19bx3h1cxM	150+
54	Innovation Ecosystem	21-07-2022	IIC's Regional Meet, Sathyabama University, Chennai	In Person	
55	Technological advantage and their impact in entrepreneurship	26-07-2022	Vivek College of Commerce, Mumbai	https://youtu.be/NsrSkhvYaLM	100

56	Angel Investments VC Funding Opportunities for early stage Entrepreneurs	10-08-2022	Sri Sairam College of Engineering, Bengaluru.	https://youtu.be/oz3--JjtFHg	100+
57	Innovation Ecosystem	11-08-2022	Sairam Institutions, Chennai	https://youtu.be/Hx4EITVApWA	115
58	Startup and Innovation Ecosystem	23-08-2022	Kongu Arts and Science College Erode	https://youtu.be/NmIT9ljk638	117
59	Angel Investment VC Funding Opportunity for early stage Entrepreneurs	25-08-2022	Anjuman-I-Islam's Kalsekar Technical Campus New Panvel, Navi Mumbai, Maharashtra	https://www.youtube.com/live/-anb9TkwO_w?feature=share	112
60	Innovation and Technology Transfer	30-08-2022	Selvam College of Technology Namakkal	https://www.youtube.com/live/VQCZGBAXO2E?feature=share	90
61	Angel Investment VC Funding Opportunity for early stage Entrepreneurs	07-09-2022	Dr.Rafiq Zakaria Campus Maulana Azad Educational Trust's Y.B.Chavan College of Pharmacy, Aurangabad	https://www.youtube.com/live/7pSZNRWjLbY?feature=share	76
62	Establishment of Entrepreneurship cell and Incubation centers in Institution	20-09-2022	Dr.T.Thimmaiah Institute of Technology Oorguam Post KGF 563120	https://www.youtube.com/live/9OI7OEnGiBU?feature=share	243
63	Instill the Innovation in young minds through critical thinking	17-11-2022	R.M.D. Engineering College, Chennai	https://www.youtube.com/live/m1m8CtWSJ8o?feature=share	121
64	NEP 2020: Interplay of Technology & Education	07-12-2022	Khalsa College of Women, Ludhiana	https://www.youtube.com/live/9aXviwXNlo0?feature=share	112
65	Innovation Ecosystem	04-07-2023	Sairam Group of Institutions	https://www.youtube.com/watch?v=paHWs2wZtM4&t=1636s	100+
66	INTELLECTUAL PROPERTY RIGHTS	12-08-2023	Sree Narayana Institute of Technology, Adoor, Kerala	https://www.youtube.com/live/PcRpJkvh3fQ?si=p0iI3DOGHcbcqz53	94

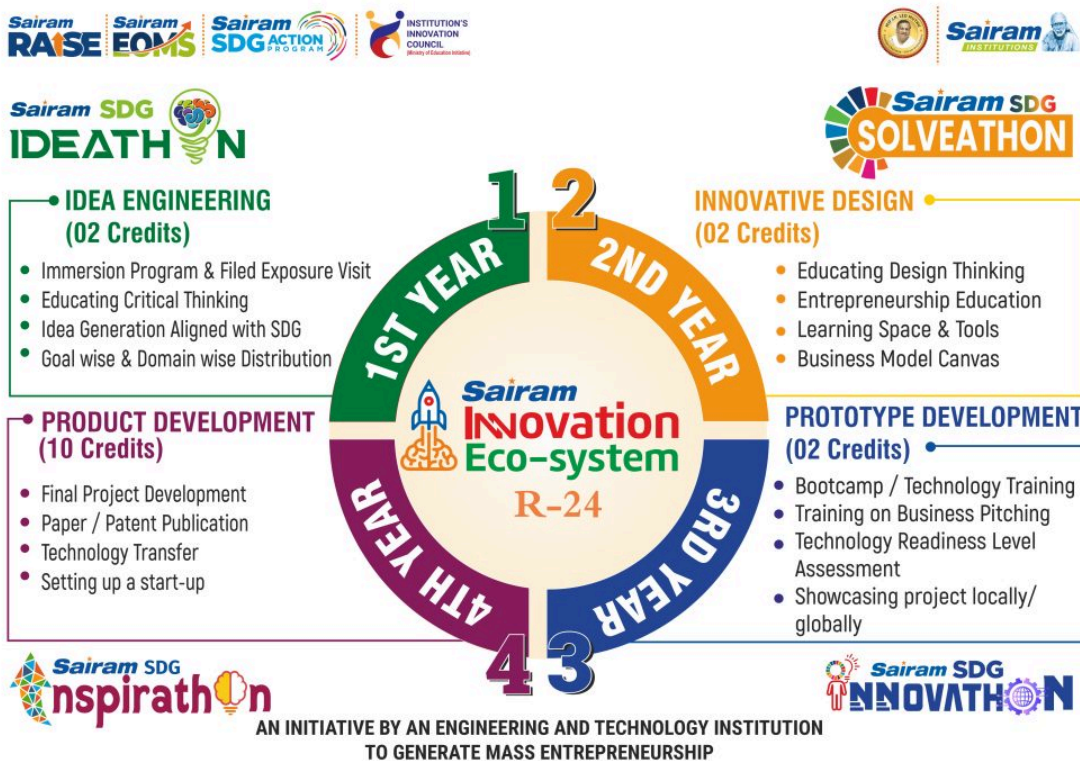
67	Innovation & Idea Generation	29-08-2023	Sri Sairam College of Engineering, Bengaluru	https://www.youtube.com/live/yYY8SR9rUwQ?si=PRoTkpZcktmlXdWn	10
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XXI. Contribution to Innovation

Design and Development of “Sairam Innovation Ecosystem”

Transforming engineering education is one of the visions of Sairam Institutions. To fulfil this vision, I have designed and developed an innovative competition based learning model named “**Sairam Innovation Ecosystem**”. This model was piloted for the autonomous batch students from the academic year 2020-21. The enormous amount of positive feedback from the students created confidence to implement it for the four years of engineering students in Sairam Institutions. “One Student - One Startup” is the main focus of this ecosystem. The slow and steady process crafted to implement this ecosystem will help to achieve this target.

Sairam Innovation Ecosystem is a comprehensive well-crafted program that encourages indigenous student innovations along with lending support for setting up start-ups and incubations. The program is implemented in stages, with the overall objective of converting the student ideas into start-ups and patentable technologies. The program is implemented in four stages namely Immersion Program (generation of idea) at the I Year, Live-in-Lab (Checking the feasibility and enhancing the ideas) at the II Year, Mini Project (prototype development and its testing) at III Year and Project Development (development of final product, filing of patent as applicable and setting up of Start-ups) at the final year. Each stage is implemented through a well-formulated event **Sairam SDG Ideathon** at I Year, **Sairam SDG Solveathon** at II Year, **Sairam SDG Innovathon** at III Year and **Sairam SDG Inspirethon** at IV Year in which all the students are encouraged to actively participate. This ecosystem is implemented right from the first year of under-graduation. The prime highlight of this program is to make students solve the issues enlisted in the United Nations’ Sustainable Development Goals program.



XXII. Innovation, Startups & Entrepreneurship Events Organized at Sairam Institutions

1. Convenor: Sairam SDG Ideathon 1.0 for I Year Students 26-02-2021
2. Convenor: Webinar on "Grants and Funding Opportunities in BIRAC" on 26.06.2021
3. Convenor: Webinar on "Standard Procedures and Techniques for doing a good Ph.D". Date: 09-07-2021
4. Convenor: Accelerator Program on "Impact of Social Entrepreneurship". First Follow up Event of Sairam SDG Ideathon 1.0. Date: 12-07-2021
5. Convenor: Webinar on "EMI/EMC Research in Industry 4.0 Applications". Date: 17-07-2021
6. Convenor: Sairam AgriTech Startup Expo 2021 Date: 26-07-2021. <https://youtu.be/l8CwH4aKHDo>
7. Convenor: Webinar on "Recent Trends in Computer Vision with a Focus on Medical Imaging" Date: 09-08-2021
8. Convenor: Accelerator Program on " Are You Innovating or InnoWaiting" for the Final Year Students of SEC & SIT. Date: 10-08-2021
9. Convenor: Gamestorming Session on Research to Commercialization. Date 12-08-2021
10. Convenor: First Agriidea Hackathon 2021. Guest: Mr.A.V.Gnanasambandan, Tamilnadu agricultural University

11. Convenor: Launch of Mobile Application Development Program of Huawei Technologies India Pvt. Ltd.
12. Convenor: Invited Talk on "Design & Debug of Embedded Systems" Date: 23-10-2021
13. Convenor: Inauguration of Sairam SDG Solveathon 2021. Date: 18-11-2021
14. Convenor: Launching Ceremony of "Sairam SDG Ideathon 2.0" Date:20-12-2021.
15. Convenor: Orientation on "Sairam SDG Ideathon 2.0" for I Year Students of SEC & SIT
16. Convenor: Sairam SDG Solveathon 1.0 Grand Finale & Award Ceremony Date: 20-04-2022 and 21-04-2022
17. Convenor: Sairam SDG Ideathon 2.0 Grand Finale & Award Ceremony conducted for the I Year Engineering students. Date: 12th & 13th May 2022
18. Convenor: 3 Day Bootcamp on "Augumented Reality & Virtual Reality" from 16 - 18 May 2022.
19. Convenor: Tech Journey on "Idea, Incubation & Commercialization" Date: 23-05-2022
20. Convener: 4 Day Bootcamp on "Basic Electronics". Date: 7, 10, 11 & 13 Oct. 2022
21. Convener: Webinar on Creative Confidence for Innovation during National Innovation Day. Date: 15-10-2022
22. Convener: Global Emerging Leadership Program 2022 organized in association with Global Emerging Leadership Program (GELP), Canada. Date: 29-11-2022
23. Special Guest: Boot Camp Series - I on IOT Sensors conducted by Department of Civil Engineering, Sri Sairam ENgineering College, Chennai. Date: 08-11-2022
24. Convener: MSME Idea Hackathon 2.0 - Project Proposal Review Meet. Date: 12-12-2022
25. Convener: Sairam SDG Immersion Program & Field Exposure Visit for Idea Generation - Batch-I. Date: 11-01-2023 & 12-01-2023
26. Convener: Sairam SDG Immersion Program & Field Exposure Visit for Idea Generation- Batch-II. Date: 19-01-2023 & 20-01-2023
27. Convener: Sairam SDG Immersion Program & Field Exposure Visit for Idea Generation - Batch-III. Date: 23-01-2023 & 24-01-2023
28. Convener: Sairam SDG Hackathon. Date: 24-01-2023 & 25-01-2023
29. Convener: Sairam SDG Immersion Program & Field Exposure Visit for Idea Generation Batch - IV at SIRD & PD, Maraimalar Nager. Date: 01-02-2023 & 02-02-2023
30. Convener: Sairam SDG Immersion Program & Field Exposure Visit for Idea Generation Batch - V at SIRD & PD, Maraimalar Nager. Date: 08-02-2023 & 09-02-2023
31. Convener: Sairam SDG Immersion Program & Field Exposure Visit for Idea Generation Batch - VI at SIRD & PD, Maraimalar Nager. Date: 15-02-2023 & 16-02-2023
32. Convener: Sairam SDG Immersion Program & Field Exposure Visit for Idea Generation Batch - VII at SIRD & PD, Maraimalar Nager. Date: 22-02-2023 & 23-02-2023

33. Convener: Sairam SDG Immersion Program & Field Exposure Visit for Idea Generation Batch - VIII at SIRD & PD, Maraimalar Nager. Date: 28-02-2023 & 01-03-2023
34. Convener: Sairam SDG Innovathon 1.0 (Demo Day & Grand Finale) Date: 30th & 31st March 2023
35. Convener: Sairam SDG Solveathon 2.0 (Grand Finale & Award Ceremony). Date: 20th & 21st April 2023
36. Convener: Sairam SDG Ideathon 3.0 (Grand Finale & Award Ceremony). Date: 1st & 2nd June 2023
37. **Convener: IIC Event on Accelerator / Incubation Opportunities for Students & Faculty early startup entrepreneurship. Date: 10-07-2023**
38. **Convener: Workshop on Design Thinking. Date: 28-07-2023**
39. **Convener: Inaguration of Sairam SDG Inspirethon 1.0. Date: 02-08-2023**
40. **Convener: MSME Internal Hackathon. Date: 28-08-2023**
41. **Convener: Sairam SDG Inspirethon 1.0 Startup Expo in association with Indo UAE Economic Champer of Commerce. Date: 08-09-2023**
42. **Convener: Sairam SDG Innovathon 2.0 Inaguration. Date: 19-10-2023**
43. **Convener: Mega IP Clinic 2023 Phase-III. Date: 11-10-2023**
44. **Convener: Sairam SDG Solveathon 3.0 Inaguration & Social Innovation Expo. Date: 07-11-2023**
45. **Convener: Cohort-1, Industry Immersion Program for I Year Students at FORGE. Date: 27-28 DEC 2023**
46. **Convener: Inauguration of Sairam SDG Ideathon 4.0. Date: 29-12-2023**
47. **Convener: Inauguration of Sairam SDG Ideathon 5.0. Date: 06-11-2024**
48. **SPOC: Smart India Hackathon 2024. Date: 12-12-2024.**
49. **Convener: Higher Education Conclave (UAE/Dubai Universities). 10-02-2025**
50. **Convener: Sairam SDG Inspirathon 2.0 Grand Finale, Pitch Fest & Award Ceremony 19th - 21st February 2025.**
51. **Convener: Sairam SDG Innovathon 3.0 Grand Finale, Pitch Fest & Award Ceremony 05th - 7th March 2025**
52. **Convener: Academic Connect 2025 – Study Malaysia. Date:07-93-2025**
53. **Convener: Sairam SDG Solveathon 4.0 Grand Finale, Pitch Fest & Award Ceremony 8th, 9th & 11th April 2025.**

54. Convener: Sairam SDG Ideathon 5.0 Grand Finale, Pitch Fest & Award Ceremony, 5th, 6th & 7th May 2025.

55. Convener: Build2Gether International AI-SDG Hackathon organised in association with ETH Zurich & NTU Singapore. Date: 18th - 19th