



Sri Ramakrishna Institute of Technology

(An Autonomous Institution)

(Accredited by NAAC with "A" Grade)

Pachapalayam, Perur Chettipalayam, Coimbatore – 641 010

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Faculty Profile

Dr. J J Adri Jovin, M.Tech., Ph.D.,

Associate Professor,
Information Technology



Date of birth	:	16/10/1987	Gender	:	Male
Nationality	:	Indian	Marital status	:	Married
Address for correspondence	:	77, Bharathiar Street, Maharani Avenue Phase II, Vadavalli, Coimbatore – 641041.	Permanent address	:	27, Victory lane, Vettoornimadam, Nagercoil – 629003.
Mobile no	:	9994797284	e-mail (official)	:	adrijovin.it@srit.org
Landline	:	-	e-mail (personal)	:	adrijovin@gmail.com
Date of joining	:	02.12.2013	Post of joining	:	Assistant Professor
No of promotions since D.O.J	:	3	Present post	:	Associate Professor
Present pay scale	:	Rs. 37400-67000	Gross pay	:	Rs.77,423/-
Employer ID	:	TE196	Bank account No. (Salary credited)	:	500101010539170
P.F. No	:	TN/CBE/56764/626	Group Insurance No	:	
PAN Number	:	ANYPA7487N	Aadhar Number	:	2609
AICTE ID	:	1-7841521	AICTE Institution ID	:	1-7841521

Educational Qualification

Degree	Specialization	Year of Passing	Name of the College	Name of the University	Class Obtained
UG	Information Technology	2009	St. Xaviers Catholic College of Engineering	Anna University	First Class
PG	Information Technology	2011	University Department of Anna University of Technology, Coimbatore	Anna University (erstwhile Anna University Coimbatore)	First Class with Distinction
Ph.D	Computer Science and Engineering	2018	Government College of Engineering, Erode (formerly IRTT)	Anna University	
Others					

Registration for Ph.D. with area of interest:

Year of Ph.D. Registration: 2012

Year of Ph.D. Completed: 2018

Thesis Title: A Novel Approach for Secure Data Transfer using Mobile Agents in Distributed Environment

Supervisor Recognition Number:

Ph.D. Scholar Details

S.No.	Name of the scholar	Registration details	College	Status

Academic Experience

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Sri Ramakrishna Institute of Technology	Associate Professor	01/06/2021	-	2	5	24

Sri Ramakrishna Institute of Technology	Assistant Professor (Sl. Gr.)	01/06/2019	31/05/2021	2	0	0
Sri Ramakrishna Institute of Technology	Assistant Professor (Sr. Gr.)	01/10/2016	31/05/2019	2	8	0
Sri Ramakrishna Institute of Technology	Assistant Professor	02/12/2013	30/09/2016	2	9	29
SriGuru Institute of Technology	Assistant Professor	23/05/2011	29/11/2013	2	6	7
Total				12	6	1

Industrial Experience

Name of the Organisation	Designation	Nature of Work	Joining Date	Relieving Date	Experience		
					Years	Months	Days
NIL							
Total							

Courses Handled

Academic Year	Semester	Course Code	Course Name	Type of Course (T / L)	Pass Percentage
2023-24	7	20IT021	Cryptography and Network Security	T	-
2022-23	6	20IT015	Machine Learning	T	92%
2022-23	7	UITE219	Soft Computing	T	86%
2021-22	6	UITC203	Cryptography and Network Security	T	84%
2021-22	7	UITE219	Soft Computing	T	93%
2020-21	6	UITC203	Cryptography and Network Security	T	90%
2020-21	7	UITE219	Soft Computing	T	88%
2019-20	6	UITC203	Cryptography and Network Security	T	83%
2019-20	7	CS6701	Cryptography and Network Security	T	87%
2018-19	6	CS6659	Artificial Intelligence	T	92%

2018-19	7	CS6701	Cryptography and Network Security	T	90%
2017-18	6	CS6659	Artificial Intelligence	T	88%
2017-18	7	CS6701	Cryptography and Network Security	T	86%
2016-17	8	CS6008	Human-Computer Interaction	T	95%
2016-17	7	CS6701	Cryptography and Network Security	T	89%
2015-16	6	CS6659	Artificial Intelligence	T	90%
2015-16	4	IT6611	Mobile Application Development Laboratory	T	100%
2015-16	7	CS2401	Computer Graphics	T	94%
2015-16	7	CS2405	Computer Graphics Lab	T	97%
2015-16	5	IT6501	Graphics and Multimedia	T	88%
2014-15	6	IT8501	Web Technology	T	84%
2014-15	6	IT8511	Web Technology Lab	T	86%
2014-15	7	CS2401	Computer Graphics	T	88%
2014-15	6	CS2405	Computer Graphics Lab	T	92%
2013-14	4	CS2253	Computer Organization and Architecture	T	94%

Projects Guided

Academic Year	Semester	Project Title	UG / PG
2023-24	7	Network Anomaly Detection using Borderline SMOTE Algorithm and Support Vector Machines	UG
2023-24	7	A hybrid Network Intrusion Detection System using Convolutional Neural Network with Support Vector Machines for Imbalanced Dataset on Big Data Environment	UG
2022-23	8	Design Of An Elliptic Curve Cryptography Encrypted Blockchain Based Electoral System	UG
2021-22	8	Blockchain Electoral System Based on Hybrid Secure Consensus Algorithm	UG
2020-21	8	Secure voting system using blockchains	UG
2019-20	8	Textbased Character prediction using Deep Learning	UG

2018-2019	8	Automation for Evaluation of Course outcome in Choice based Credit System	UG
2017-2018	8	QR Code based customized stock management system for Educational Institutions	UG

Publications

Publications	SCI / Scopus / Web of Sciences	Others
Journal	4	5
Conferences	1	1

Journal Publications (IEEE format)

1. John Joseph, Adri Jovin, and Marikkannan Mariappan. "A novel trust-scoring system using trustability co-efficient of variation for identification of secure agent platforms." PloS one 13, no. 8 (2018): e0201600.. DOI: 10.1371/journal.pone.0201600 [Scopus/SCI indexed]
2. Jovin, J. J., and M. Marikkannan. "A Chaotic Approach for Secure Data Transfer Using Mobile Agents." Journal of Computational and Theoretical Nanoscience 14, no. 6 (2017): 2931-2936. DOI: 10.1166/jctn.2017.6597 [Scopus indexed]
3. JJ, Adri. "A review on attacks and security approaches in mobile agent technology." Australian Journal of Basic and Applied Sciences 10, no. 2 (2016): 37-43.
4. Jovin, JJ Adri, and M. Marikkannan. "An Insider Attacks Immune Mobile Agent System using Context and Insider Aware Policy Language." International Journal of Computer Networks and Wireless Communications 2, no. 3: 386-389. Page 7 of 15
5. Marikkannu, P., JJ Adri Jovin, and T. Purusothaman. "Self-Protected Mobile Agent Approach for Distributed Intrusion Detection System against DDoS Attacks." International Journal of Information and Electronics Engineering 2, no. 4 (2012): 606. DOI:10.7763/IJIEE.2012.V2.170
6. Marikkannu, P., J. J. Adri, T. Purusothaman, and R. Baskaran. "Secure Multi-Agent System using Role Based Access Control in a Distributed Environment." In IJCA Proceedings of 2nd International Conference and Workshop on Emerging Trends and Technology, pp. 42-48. 2011.
7. Marikkannu, P., JJ Adri Jovin, and T. Purusothaman. "Fault-tolerant adaptive mobile agent system using dynamic role based access control." International Journal of Computer Applications 20, no. 2 (2011): 1-6. DOI: 10.5120/2409-3208

8. Marikkannu, P., and Adri Jovin. "A secure mobile agent system against tailgating attacks." Journal of Computer Science 7, no. 4 (2011): 488. DOI: 10.3844/jcssp.2011.488.492 [Scopus indexed]
9. Marikkannu, P., JJ Adri Jovin, and T. Purusothaman. "An enhanced mobile agent security protocol." European Journal of Scientific Research, ISSN (2011): 321-331. [Scopus indexed]

Conference Publications (IEEE format)

1. Saravanan, Poonkawin, Deepakpriyan Boopathy, Chandhru Sankar, and Adri Jovin John Joseph. "Design of an Elliptic Curve Cryptography Encrypted Blockchain-based Electoral System." In 2023 2nd International Conference on Applied Artificial Intelligence and Computing (ICAAIC), pp. 1633-1637. IEEE, 2023.
2. Marikkannu, P., JJ Adri Jovin, T. Purusothaman, and R. Baskaran. "Secured distributed multi-agent role based access control." In Proceedings of the International Conference & Workshop on Emerging Trends in Technology, pp. 618-623. 2011. DOI:10.1145/1980022.1980157
3. J.J. Adri Jovin, "Watermarking Relational Databases using LSB Prioritization", Proceedings of IV National Conference on "Advanced Computing" conducted by CSI Engineering College, Nilgiris, TN, India held on March 06, 2010.

Books / Book Chapters (IEEE format)

1. "Computer Graphics: A Laboratory Course" authored by Adri Jovin J.J., Ferdin Joe J. and Dinesh D.B., published collaboratively by Createspace Inc, Amazon.com and Free Knowledge Foundation. ISBN: 9781500328528.
2. Joseph, Adri Jovin John, Ferdin Joe John Joseph, Oswalt Manoj Stanislaus, and Debashreet Das. "Classification Methodologies in Healthcare." Evolving Predictive Analytics in Healthcare: New AI Techniques for Real-time Interventions 43 (2022): 55. ISBN: 9781839535116.
3. Joseph, Adri Jovin John, and Marikkannan Mariappan. "Approaches to overcome security risks and threats in online learning applications." Secure Data Management for Online Learning Applications (2023): 49-70. ISBN: 9781032206424.

Sponsored Research

Project Title	Funding Agency	Amount Rs.	Duration
Career path- web	Association for Computing Machinery	7,50,000	15 months
Research on IoT and Parallel Computing	Intel Corporation	2,50,000	-

Consultancy

S. No.	Organization/ Agency	Nature of Work	Amount in Rs.	Year
1	TN Forest Department	Conduct of TNFUSRC Examination	97,400	2019-20
2	SNR Sons Charitable Trust	Development of Examination Management System	2,40,000	2018-19
3	TN Forest Department	Conduct of TNFUSRC Examinations	2,72,600	2017-18

Workshops / Seminars attended

1. One day workshop on “Cyber Security Assessment for Institutional Strategic Decisions” held on October 31, 2020, by Internet Society India Chennai Chapter.
2. One day Workshop on “Academic Excellence through Autonomy and Accreditation” held on September 28, 2019, by Aasaan Educare Foundation, Chennai. Page 10 of 15
3. One Day AICTE/MHRD sponsored Workshop on “E-learning: Challenges and Opportunities” held on April 21, 2017, at Sri Krishna College of Engineering and Technology, Coimbatore.
4. Two Days International Workshop on “Outcome Based Education” held on September 15-16, 2016 at Rathinam Technical Campus, Coimbatore.
5. One day Workshop on “Linux Administration and Kernel Programming” held on February 13, 2015, at Sri Ramakrishna Institute of Technology, Coimbatore.
6. One day National Level Seminar on “Digital Image Processing and its Applications” organized by Department of Information Technology, Sri Ramakrishna Institute of Technology held on March 03, 2015.
7. Two weeks ISTE workshop on “Computer Programming” conducted by IIT Bombay from May 20- June 21, 2014, under NMEICT.
8. Two weeks ISTE workshop on “Signals and Systems” conducted by IIT Kharagpur from January 02-12, 2014 under NMEICT.
9. One day Workshop on “IBM Websphere” held on February 08, 2013, at Kalaignar Karunanidhi Institute of Technology, Coimbatore.
10. Two Days Workshop on “Art of Computing” held on December 07- 08, 2012 at PSG College of Technology, Coimbatore.
11. Two Days National Workshop on “Big Data Analytics” held on November 23- 24, 2012 at PSG College of Technology, Coimbatore.

12. Two Days Workshop on “Recent Trends in Biometrics and Cyber Security” held on March 24-25, 2011 at PSG College of Technology, Coimbatore.
13. Two Days National Workshop on “Next Generation Networks and its Application for Green Computing” held on December 16-17, 2010 at Anna University of Technology, Coimbatore.

Faculty Development Program attended (from recent)

1. Short Term Capacity Building Programme on “Academic Leadership 5.0” held from February 20 to February 28, 2023 at Avinashilingam Institute for Home Science and Higher Education for Women, in association with the Association of Indian Universities.
2. One week FDP on “Blockchain Technology” held from August 23 to August 27, 2021 at Government College of Engineering, Dharmapuri.
3. One-week STTP on “Artificial Intelligence in Healthcare” held from July 16 to July 22, 2020, at Kumaraguru College of Technology.
4. Five days Faculty Development Programme on “Deep Neural Networks and Expert Systems” held from May 25 – May 29, 2020, at P.S.R. Engineering College, Sivakasi.
5. Five days Faculty Development Programme on “Information Security” held from July 15 – July 19, 2019, at Indian Institute of Information Technology Design and Manufacturing, Kancheepuram.
6. One-week Anna University sponsored Faculty Development Training Programme on “EC6703-Embedded & Real-Time Systems” from May 26-29, 2016 at Anna University Regional Campus, Coimbatore.
7. Four Week Faculty Development Programme on “Use of ICT in Education for Online and Blended Learning” conducted by IIT Bombay from May 02 – July 10, 2016, under NMEICT.

Events Organized (from recent)

FDP

Workshops

1. Coordinator for “Two Days Workshop on Advances in Artificial Intelligence” conducted at Sri Ramakrishna Institute of Technology, Coimbatore on December 22-23, 2016.
2. Coordinator for “HACK-TRICKs 2012” Workshop conducted at SriGuru Institute of Technology, Coimbatore in association with iSecLabz on December 18-19, 2011.

Seminars

1. One Day National Level Seminar on “Research Methodologies in Information and Communication Technology” held on March 01, 2014, at Sri Ramakrishna Institute of Technology.

Online Courses Completed

Sl. No.	Title	Platform
1	Cyber security	COURSERA
2	Professional Certificate in Information Security	edX
3	Animal Breeding and Genetics	edX
4	Applied Cryptography	COURSERA
5	IBM Deep Learning	edX
6	Microsoft Certified Professional	Microsoft
7	Windows 10 Technical Preview Fundamentals for IT Pros	Microsoft
8	Preparing Your Enterprise for Windows 10 as a Service	Microsoft
9	Getting Started with Windows 10 for IT Professionals	Microsoft
10	Windows 10 Update for IT Pros	Microsoft
11	Accelerate deployment of Windows 10 at scale	Microsoft
12	CRM Fundamentals for SME'	Microsoft
13	What's New in Windows 10 Management and the Windows Store	Microsoft
14	Preparing Your Infrastructure for Windows 10	Microsoft
15	Student and Data Privacy when offering Remote Instruction	IEEE PDH
16	Making Labs effective with Remote Learning	IEEE PDH
17	IEEE Early Career Faculty Development Virtual Workshop	IEEE PDH
18	Putting the “Test” in DevOps	IEEE PDH
19	High-Performance Computing on GPUs with OpenACC using PGI Compilers	IEEE PDH
20	Smarter Product Development: Agile and Mission-Critical IT	IEEE PDH
21	Smarter Product Development: Building Security into Agile	IEEE PDH
22	The Value of FDM Technology in Design Process	IEEE PDH
23	Effective Teaching	IEEE PDH
24	Integration Testing and Service Virtualization in an SAP environment	IEEE PDH
25	Launching a Successful Faculty Career	IEEE PDH

Awards and Recognitions Secured

- Professional Engineer (Computer Engineering), valid till 31.10.2027 [PE No.7006131] conferred by IE (I).
- Senior Member, IEEE, 2022.
- Senior Member, ACM, 2020.
- Participated in the Virtual Heidelberg Laureate Forum, 2020.
- Member of ACM Future of Computing Academy, 2019.
- Microsoft Innovative Educator, awarded by Microsoft Corporation in 2018.
- Ambassador of ACM, awarded by Association for Computing Machinerics in 2014.

Self-appraisal

Major Strengths

- Capable of working to meet stringent deadlines.
- Well-organized.
- Good at working to a budget.

Signature