

ADRI JOVIN J J

PERSONAL DETAILS

ADDRESS

Department of Information Technology, Sri Ramakrishna Institute of Technology, Coimbatore-641010. (*Official*)
4D, Gokulam Colony Main Street, Papanaicken Pudur, Coimbatore – 641 041. (*Contact*)
27, Victorylane, Vetturimadam, Nagercoil -629003. (*Permanent*)

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E-MAIL : adrijojin.it@srit.org (*Official*) adrijojin@adrijojin.in (*Personal*)

WEBSITE : http://adrijojin.in

DOB : 16.10.1987 **AGE** : 28

OBJECTIVE : To excel in life and dedicate myself towards academia and research.

EDUCATION

PROFESSIONAL STREAM

- Ph.D. (Information Technology), Anna University, Chennai (Pursuing)
- M.Tech.(Information Technology), Anna University of Technology, Coimbatore (2011)- 8.64 CGPA
- B.Tech.(Information Technology), St.Xaviers Catholic College of Engineering, Nagercoil (2009)- 76%
- HSC, Carmel Higher Secondary School, Nagercoil (2005) (92.3%)
- SSLC, Carmel Higher Secondary School, Nagercoil (2003) (95.2%)

SUPPLEMENTARY STREAM

- Diploma in Yoga
 - Bachelor of General Law
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INTERESTS

Software Mobile Agents	Ontology
Network Security	Cloud Computing
Cryptography	Computer Vision and Graphics
Data Structures	Internet of Things
Distributed Systems	Software Defined Networks
Operating Systems	Tamil Computing
Object Oriented Systems Design	Systems Visualization

COMPUTER SKILLS

Operating Systems: All Microsoft Operating systems, UNIX based Operating Systems, Mac OS
Packages : Microsoft Office, Adobe Suite, Corel Suite, Quark Express
Databases : Oracle, Microsoft Access
Programming : C, C++, Java, PHP
Software Tools : VMware, Aglets

ACADEMIC EXPERIENCE

Assistant Professor – Department of Information Technology, Sri Ramakrishna Institute of Technology, Coimbatore
(December 02, 2013 – Till Date)

Courses Handled:

Even Semester 2015-16

Theory

Artificial Intelligence (B.Tech. – IT/Sem:04)

Practical

Mobile Application Development Laboratory (B.Tech. – IT/Sem:04)

Odd Semester 2015-16

Theory

Computer Graphics (B.Tech. – IT/Sem:07) [Result: 96%]

Graphics and Multimedia (B.Tech. – IT/ Sem: 05) [Result: 87%]

Practical

Computer Graphics Lab (B.Tech. – IT/Sem: 07) [Result: 100%]

Even Semester 2014-15

Theory

Web Technology (B.Tech. – IT/ Sem: 06) [Result: 86%]

Practical

Web Technology Lab (B.Tech – IT/ Sem: 06) [Result: 100%]

Odd Semester 2014-15

Theory

Computer Graphics (B.Tech. – IT/Sem: 07) [Result: 86%]

Practical

Computer Graphics Lab (B.Tech. – IT/Sem: 07) [Result: 98%]

Even Semester 2013-14

Theory

Computer Organization and Architecture (B.Tech. – IT/Sem:04) [Result: 76%]

Additional Responsibilities:

Class Tutor [Batch: 2013 – 17]

Assistant Professor – Department of Computer Science and Engineering, SriGuru Institute of Technology,
Coimbatore. (May 23, 2011- November 29, 2013)

Courses Handled:

Odd Semester 2013-14

Theory

Data Structures (B.E. – CSE/ Sem: 03) [Result: 87%]

Even Semester 2012-13

Theory

Operating Systems (B.E. – CSE/ Sem: 04) [Result: 87%]

Internetworking Multimedia (M.E. – Communication Systems/ Elective) [Result: 100%]

Practical

Operating Systems Lab (B.E. – CSE/ Sem: 04) [Result: 100%]

Data Structures Lab (M.E. – CSE/ Sem: 01) [Result: 100%]

Odd Semester 2012-13

Theory

Fundamentals of Computing and Computer Programming (B.E. - ECE/ Sem: 01) [Result: 67%]

Data Structures (B.E. – CSE/ Sem: 03) [Result: 96%]

Practical

Data Structures Lab (B.E. – CSE/ Sem: 03) [Result: 100%]

Computer Practices Lab - I (Sem: 01) [Result: 100%]

Even Semester 2011-12**Practical**

Computer Practices Lab - II (Sem: 02) [Result: 100%]

Odd Semester 2011-12**Theory**

Data Structures and Object Oriented Programming in C++ (B.E. – ECE/Sem: 03) [Result: 97%]

Practical

Data Structures and Object Oriented Programming Lab (B.E – ECE/ Sem: 03) [Result: 100%]

Additional Responsibilities:Webmaster of the official website of SriGuru Institute of Technology [Designed, developed and maintained the official website www.sriguru.ac.in]

Class Advisor [Batch: 2011 -15 (II year), 2012 – 16 (II year)]

Faculty Advisor of SriGuru ACM Student Chapter [February 01, 2013 to November 29, 2013]

Lab In-charge [In-charge for all operations in Computer Lab – II]

Hourly-based Staff – Department of Information Technology, (*erstwhile*) Anna University of Technology, Coimbatore.
(May 01, 2010- May 22, 2011)**Courses Handled:****Even Semester 2010-11****Theory**

Information Security (B.Tech. – IT/Sem: 06) [Result: 100%]

Odd Semester 2010-11**Theory**

Object Oriented Analysis and Design (B.Tech. – IT/Sem: 05) [Result: 100%]

Programming in C (MCA/Sem: 01) [Result: 100%]

CERTIFICATION**LINGUISTIC PROFICIENCY**

Cambridge BEC Vantage Certificate (2007)

COMPUTATIONAL PROFICIENCY**Microsoft Certified Professional****Expert Rating Certification (11 Certifications)**

Computer Skills

Computer Technician Skills

DOS 6.2

English Vocabulary

Green Living

Networking Concepts

Office Skills

PowerPoint 2000

Windows XP

Windows 95/98

Word 2000

Microsoft Virtual Academy Certification (9 Certifications)

"Windows 10 Technical Preview Fundamentals for IT Pros" on February 08, 2016

"Preparing Your Enterprise for Windows 10 as a Service" on February 03, 2016.

'Getting Started with Windows 10 for IT Professionals" on January 30, 2016.

"Windows 10 Update for IT Pros" on January 30, 2016.

"Accelerate deployment of Windows 10 at scale" on January 29, 2016.

"CRM Fundamentals for SME's" on January 28, 2016.

"What's New in Windows 10 Management and the Windows Store" on January 28, 2016.

"Preparing Your Infrastructure for Windows 10" on January 28, 2016.

"Windows 10 in the Enterprise" on January 27, 2016.

Brainbench Certification (100 Certifications)

Adobe InDesign CS	Adobe PageMaker 6.5	Adobe Photoshop CS3
Adobe Photoshop CS5	ASP.NET 3.5	ASP.NET 4.0
Business Writing	C	Cisco Networking Concepts
Cisco Network Support	Client/Server Concepts	Coaching
Interpersonal Communications	Computer Forensics	Computer Fundamentals (Mac OS X 10.4)
Computer literacy	Computer Literacy (Windows 7)	Computer Technical Support
Counseling Techniques	C++	C# 3.0
CSS2	CSS3	Data Modeling
Dreamweaver CS3	Dynamic HTML	Math Fundamentals
Flash CS3	Programmer/Analyst Aptitude	Home Site 4.5
HTML 4.0	HTML5	Information Technology Industry Knowledge,
Internet Concepts	Internet Industry Knowledge	Internet Security
Managing People (U.S)	Math Fundamental (Metric)	Microsoft Security
MS Word 2010 (Master)	MS Excel 2007	MS Excel 2010
MS Office 2003 Fundamentals	MS Office 2007 Fundamentals	MS PowerPoint 2007
MS Publisher 2000	MS Visio 2007	MS Windows 7 Desktop Administration
MS Word 2003	MS Word 2007	.NET Framework 3.5
.NET Framework 4.0	Networking Concepts	Network Security
Network Technical Support	OO Concepts	Oracle PL/SQL Fundamentals
PHP 5.3	Problem Solving- Quantitative (Metric)	Problem Solving – Qualitative
Programming Concepts	Project Management (2008)	RDBMS Concepts
Server Administration	Software Testing	SQL (ANSI) Fundamentals
TCP/IP Administration	Technical Help Desk	Technical Help Desk (Microsoft)
Time Management (U.S)	Unified Modeling Language (UML)	Unix Administration (AIX)
Unix Administration (General)	Visio 5.0	Visual Basic 2008 Fundamentals
WAN Technologies	Web Design Concepts	Web Design for Accessibility
Web Development Concepts	Web Server Administration	Web Services Concepts
Corel WordPerfect 9.0	Word Processing Fundamentals	Written English
Written English (UK)	WWW Concepts	XML Concepts
XML	Computer Fundamentals (Windows 7)	Computer Fundamentals (Windows XP)
Information Technology Security Fundamentals	Information Technology Terminology	
Internet Research Techniques and Resources (U.S)	Internet Technology Fundamentals	
ITAA Information Security Awareness	Linux Administration (Red Hat Enterprise Linux 5)	
Macintosh OS X 10.4 Desktop Administration	Microsoft Windows Server 2008 Administration	
MS Windows Vista Desktop Administration	MS Windows XP Desktop Administration	

IEEE Professional Development Hours (21 PDH)

- “Creating a Research Program” on December 23, 2015 (1 PDH).*
- “Creating a Research Program: A Global Perspective” on December 17, 2015 (1 PDH).*
- “Standards Education” on November 26, 2015 (1 PDH).*
- “IEEE Early Career Faculty Development Virtual Workshop” on October 23, 2015 (2 PDH).*
- “Reduce your outages and gain control!” on September 23, 2015 (1 PDH).*
- “Putting the “Test” in DevOps” on September 10, 2015 (1 PDH).*
- “How to successfully deliver a 5 Star Mobile App” on March 7, 2015 (1 PDH).*
- “Your Cloud Lives Here! Reclaim What’s Rightfully Yours” on March 7, 2015 (1 PDH).*
- “Integration Testing and Service Virtualization in a WebSphere Environment” on March 7, 2015 (1 PDH).*
- “High Performance Computing on GPUs with OpenACC using PGI Compilers” on January 30, 2015 (1 PDH).*
- “OpenStack’s Secrets to Success: Rapid Innovation and Community Growth” on January 01, 2015 (1 PDH).*
- “Smarter Product Development: Agile and Mission-Critical IT” on January 01, 2015 (1 PDH).*
- “Smarter Product Development: Building Security into Agile” on January 01, 2015 (1 PDH).*
- “The Value of FDM Technology in Design Process” on January 01, 2015 (1 PDH).*
- “5 Critical Remote Support Mistakes and How to Avoid Them” on December 18, 2014 (1 PDH).*
- “Effective Teaching” on November 30, 2014 (4 PDH).*
- “Integration Testing and Service Virtualization in an SAP environment” on December 16, 2014 (1 PDH).*
- “Launching a Successful Faculty Career” on December 15, 2013 (1 PDH).*

Microsoft Continuing Education

"What's Fresh from Microsoft in Education" on September 10, 2015

"Hour of Code: It's Time to Jump In!" on October 13, 2015

"Minecraft in the Classroom: Game-Based Learning Takes Off!" on November 10, 2015

INDUSTRIAL RELATIONS

Intel Academic Alliance

Registered CUDA Developer - NVIDIA

IBM Academic Initiative

Oracle Academy

MEMBERSHIP IN PROFESSIONAL BODIES

- Member of Association for Computing Machinery [Membership # 3199019]
 - Special Interest Group – Information Technology Education
 - Associate Member of Computer Society of India (CSI) [Membership # I1500310]
 - Associate Member of Free Software Foundation [Membership # 11688]
 - Member of Internet Society (ISOC) [Membership # 255348]
 - Member of Computer Science Teachers Association [Membership # 3199019]
 - Life Member of Advanced Computing and Communications Society [Membership # L312M1100339]
 - Life Member of Indian Society for Technical Education [Membership # LM78343]
 - Member of Academic & Industrial Research Collaboration Center [Membership # 128576]
 - Member of International Congress for Global Science and Technology (ICGST)
 - Member of Web Design and Developers Association.
 - Member of Professional Association for SQL Server.
 - Member of International Association of Computer Science and Information Technology (IACSIT) [Membership # 80339973]
 - Member of Universal Association of Computer and Electronics Engineers [Membership # IN0078658]
 - Member of International Association of Engineers and Scientists [Membership # 012084227]
 - Member of Institute of Electrical and Electronics Engineers (IEEE) [Membership # 92540445]
 - IEEE Computer Society
 - IEEE Education Society
 - IEEE Computational Intelligence Society
 - IEEE Standards Association
 - IEEE Young Professionals
 - IEEE Biometrics Council
 - IEEE Sensors Council
 - IEEE Systems Council
 - IEEE Cloud Computing Community
 - IEEE Computer Society Technical Committee on Cloud Computing
 - IEEE Computer Society Technical Committee on Intelligent Informatics
 - IEEE Internet of Things Community
 - IEEE Life Sciences Community
 - Member of International Association of Engineers (IAENG)[Membership # 110088]
 - IAENG Society of Artificial Intelligence
 - IAENG Society of Computer Science
 - IAENG Society of Internet Computing and Web Services
 - IAENG Society of Information System Engineering
 - IAENG Society of Software Engineering
 - Member of Society of Digital Information and Wireless Communication.
 - Member of International Association for Cyber Science and Engineering [Membership # 2013ICTAA00274]
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HONORS/ AWARDS

Ambassador of ACM, awarded by Association for Computing Machinerics

RESEARCH

Scopus ID : 37078849600
Researcher ID : F-2595-2010
ORCID : 0000-0002-4214-9511)
h-index : 2 (*Google Scholar*) 1 (*Scopus*)
Citation index : 15
i10-index : 1
RG Score : 2.05

PUBLICATION

NATIONAL CONFERENCE

1. **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.

INTERNATIONAL CONFERENCE

1. S. Oswalt Manoj, S. Revathi, **J.J.Adri Jovin**, K. Ramalakshmi. “*Soil Properties and Crop Management based on Data mining Concepts – A Survey*” Seventh International Conference on Advanced Computing (ICoAC 2K15).
2. P.Marikkannu, **J.J.Adri Jovin**, T.Purusothaman, R.Baskaran. “*Secured Distributed Multi-Agent Role Based Access Control*” International Conference and Workshop on Emerging Trends and Technology 2011 (ICWET’11), pp. 618-623, ACM, ISBN: 978-1-4503-0449-8, 2011. DOI:10.1145/1980022.1980157
3. P.Marikkannu, **J.J.Adri Jovin**, T.Purusothaman. “*Self-protected Mobile Agent Approach for Distributed Intrusion Detection System against DDoS Attacks*” 2011 3rd International Conference on Computer and Automation Engineering (ICCAE 2011), Vol. 2, pp. 246-250, ISBN: 978-1-4244-9462-0, 2011

INTERNATIONAL JOURNALS

1. **J.J. Adri Jovin**, M.Marikkannan. “A Review on Attacks and Security Approaches in Mobile Agent Technology” Australian Journal of Basic and Applied Sciences, Volume 10, Issue 2, pp. 37-43, February 14, 2016, ISSN:1991-8178 EISSN: 2309-8414
2. **J.J. Adri Jovin**, M.Marikkannan. “*An Insider Attacks Immune Mobile Agent System using Context and Insider Aware Policy Language*” International Journal of Computer Networks and Wireless Communications, Volume 2, Issue 3, pp. 386-389, ISSN: 2250 - 3501, 2012
3. P.Marikkannu, **J.J.Adri Jovin**, T.Purusothaman. “*Self-protected Mobile Agent Approach for Distributed Intrusion Detection System against DDoS Attacks*” International Journal of Information and Electronics Engineering, Vol. 2, No. 4, pp. 606-611, ISSN: 2010-3719, 2012. DOI:10.7763/IJIEE.2012.V2.170
4. P.Marikkannu, **J.J.Adri Jovin**, T.Purusothaman, R.Baskaran. “*Secure Multi-Agent System using Role Based Access Control in a Distributed Environment*” IJCA Proceedings of 2nd International Conference and Workshop on Emerging Trends and Technology 2011, pp. 42-48, IJCA, ISBN: 978-93-80747-76-3, 2011
5. P.Marikkannu, **J.J.Adri Jovin**, T.Purusothaman. “*Fault-Tolerant Adaptive Mobile Agent System using Dynamic Role based Access Control*”. International Journal of Computer Applications, Volume 20, Number 2- Article 1, pp. 1-6, ISBN: 978-93-80749-13-1, ISSN: 0975-8887, 2011. DOI: 10.5120/2409-3208
6. P.Marikkannu, **J.J.Adri Jovin**, T.Purusothaman. “*A Secure Mobile Agent System against Tailgating Attacks*”. Journal of Computer Science 7(4), pp. 488-492, 2011, ISSN: 1549-3636. DOI: 10.3844/jcssp.2011.488.492
7. P.Marikkannu, **J.J.Adri Jovin**, T. Purusothaman. “*An Enhanced Mobile Agent Security Protocol*” European Journal of Scientific Research, Volume 51 No. 3, pp. 321-331, April 2011, ISSN: 1450-216X

BOOKS

- “Computer Graphics: A Laboratory Course” authored by **Adri Jovin J.J.**, Ferdin Joe J. and Dinesh D.B., published collaboratively by Amazon.com and Free Knowledge Foundation. ISBN: 9781500328528

GRANTS RECEIVED

Grants worth Rs.2.25 lakhs from Intel Corporation for Research on IoT and Parallel Computing.

PROFESSIONAL ACTIVITIES

CURRICULAR RECOMMENDATIONS

1. Information Technology Curricula 2017 by Association for Computing Machinery and IEEE Computer Society.
2. 2016 K-12 CS Standards by Computer Science Teachers Association.

BOOK REVIEW

1. “Operating Systems- Internals and Design Principles” by William Stallings, 7th Edition.
2. “Data and Computer Communication” by William Stallings, 10th Edition.

STANDARDS REVIEW

1. ISO/IEC 12207 - Software Life Cycle Processes
2. ISO/IEC 15026 - Systems and Software Assurance -- Part 1: Concepts and Vocabulary
3. ISO/IEC/IEEE 15289 - Content of Life-Cycle Information Products (Documentation)
4. ISO/IEC 29119 - Software Testing -- Part 5: Keyword- Driven Testing
5. IEEE 1062 - Recommended Practice for Software Acquisition
6. ISO/IEC 15026 - Systems and software assurance -- Part 3: Systems integrity levels
7. IEEE 1722 - Standard for a Transport Protocol for Time Sensitive Applications in a Bridged Local Area Network
8. ISO/IEC 24748 - Life Cycle Management--Part 5: Software Development Planning
9. IEEE 802.11 - Telecommunications and information exchange between systems Local and metropolitan area networks--Specific requirements Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications
10. IEEE 802.15 - Standard for Low-Rate Wireless Networks
11. IEEE 802.1Q - IEEE Standard for Local and metropolitan area networks--Media Access Control (MAC) Bridges and Virtual Bridged Local Area Networks Amendment: Path Control and Reservation
12. IEEE 802.3 - Standard for Ethernet
13. ISO/IEC/IEEE 90003 - Adoption of ISO/IEC 90003:2014, Software Engineering -- Guidelines for the Application of ISO 9001:2008 to Computer Software

INTERNATIONAL JOURNAL REVIEWERSHIP

1. IEEE Transactions on Education
2. Journal of Applied and Practical Information Technology (JAPIT)
3. Journal of Engineering and Computer Innovations (JECI)
4. International Journal of Computer Science and Information Security (IJCSIS)
5. Journal of Computer Science
6. Journal of Engineering and Technology
7. International Journal of Computational Intelligence and Information Security (IJCIIS)
8. International Journal of Computer Technology and Applications (IJCTA)
9. International Journal of Electronics & Computer Science Engineering (IJECSE)
10. TELKOMNIKA- Indonesian Journal of Electrical Engineering
11. International Journal of New Computer Architectures and their Applications (IJNCAA)
12. International Journal of Digital Information and Wireless Communications (IJDWC)
13. Journal of Information Security (JIS) [Guest Reviewer]
14. Journal of Advances in Information Technology (JAIT)
15. Journal of Intelligent Learning Systems and Applications (JILSA) [Guest Reviewer]
16. International Journal of Computer Science, Engineering and Applications (IJCSEA)
17. Advances in Computational Research
18. International Journal of Machine Intelligence

19. International Journal of Computational Intelligence Techniques
20. Journal of Intelligence Systems
21. Journal of Information Systems and Communication
22. Journal of Pattern Intelligence
23. Journal of Artificial Intelligence
24. International Journal of Cryptography and Security
25. BIOINFO Soft Computing
26. International Journal of Computer Science and Security (IJCSS)
27. Scholarly Journal of Mathematics and Computer Science
28. Journal of Information and Communication Technology (JICT)
29. International Journal of Soft Computing and Engineering (IJSCE)
30. International Journal of Scientific and Engineering Research (IJSER)
31. International Journal of Information Technology and Computer Science (IJITCS)
32. International Journal of Computer Network and Information Security (IJCNIS)
33. International Journal of Intelligent Systems and Applications (IJISA)

INTERNATIONAL CONFERENCE REVIEWERSHIP

1. IEEE SENSORS 2015, Busan, South Korea, November 1-4, 2015.
2. The International Conference on Computing, Networking and Digital Technologies, Sanad, Bahrain, November 11-13, 2012.
3. The International Conference on E-Learning and E-Technologies in Education, Lodz, Poland, September 24-26, 2012.
4. The World Congress on E-Commerce and Business on the Web, London, United Kingdom, August 27-29, 2012.
5. The Second International Conference on Digital Enterprise and Information Systems, Ostrava, Czech Republic, July 16-18, 2012.
6. The Second International Conference on Digital Information Processing and Communications, Klaipeda, Lithuania, July 10-12, 2012.
7. The International Conference on Cyber Security, Cyber Warfare and Digital Forensic, Kuala Lumpur, Malaysia, June 26-28, 2012.
8. The International Conference on Informatics & Applications (ICIA2012), Kuala Terengganu, Malaysia, June 3-5, 2012.
9. The International Conference on Digital Information and Wireless Communications (ICDIWS2012), Hindustan College of Arts and Science, Coimbatore, March 8-10, 2012.
10. 3rd International Conference on Computer Technology and Development, Chengdu, China, November 25-27, 2011.
11. 3rd International Conference on Mechanical and Electrical Technology, China, Aug 26-27, 2011.
12. 3rd International Conference on Machine Learning and Computing, Singapore, Feb 26-28, 2011.

SEMINARS:

ORGANIZED

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

ATTENDED

- One day National Level Seminar on “Digital Image Processing and its applications” held on March 03, 2015 at Sri Ramakrishna Institute of Technology, Coimbatore.

FACULTY TRAINING/ DEVELOPMENT PROGRAMS ATTENDED

- Completed course offered by College of Skills Training, Elsevier Publishing Campus (2015-16).

WORKSHOPS:

ORGANISED

- Coordinator for “HACK-TRICKS 2012” Workshop conducted at SriGuru Institute of Technology, Coimbatore in association with iSecLabz on December 18-19, 2011.

ATTENDED

1. One day Workshop on “Linux Administration and Kernel Programming” held on February 13, 2015 at Sri Ramakrishna Institute of Technology, Coimbatore.
2. Two weeks ISTE Workshop on “Computer Programming” conducted by IIT Kharagpur from May 20- June 21, 2014 under NMEICT.
3. Two weeks ISTE Workshop on “Signals and Systems” conducted by IIT Kharagpur from January 02-12, 2014 under NMEICT.
4. One day Workshop on “IBM Websphere” held on February 08, 2013 at Kalaingar Karunanidhi Institute of Technology, Coimbatore.
5. Two Days Workshop on “Art of Computing” held on December 07- 08, 2012 at PSG College of Technology, Coimbatore.
6. Two Days National Workshop on “Big Data Analytics” held on November 23- 24, 2012 at PSG College of Technology, Coimbatore.
7. Two Days Workshop on “Recent Trends in Biometrics and Cyber Security” held on March 24-25, 2011 at PSG College of Technology, Coimbatore.
8. 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.

INVITED TALKS

1. One day Seminar on “Adobe photoshop” at the Department of Information Technology, Hindustan College of Engineering and Technology, Coimbatore on 23rd March, 2016.
2. One day Seminar on “Computer Graphics” at the Department of Computer Science, IES College of Engineering, Thrissur on 18th January, 2016.
3. Delivered Guest Lecture on “Computer Graphics” at TamilNadu Agricultural University – 5 sessions.
4. Guest Lecture on “International Certification” at the Department of Computer Science and Engineering, Sri Ramakrishna Institute of Technology, Coimbatore on 3rd February, 2014.

PROJECTS

COMPLETED

- TechnicalTamil.com [*Self-initiative/ Public*]
 - Role: Principal Investigator
 - Front End: PHP
 - Back End: MySQL
 - Description: A Tamil Dictionary Data Search Engine to enhance Tamil Technical Knowledge. The website is supported universally in all platforms, browsers and devices with Indic-language support.
 - Year: 2012 – 2013
- Self-protected Mobile Agent Approach for Distributed Intrusion Detection System against DDoS Attacks [*Academic*]
 - Front End: Java
 - Tool: Aglets
 - Back End: Oracle
 - Description: A Clone-based Mobile Agent Security Architecture which safe guards itself from DDoS attacks.
 - Advisor: Dr. P. Marikkannu
 - Year: 2010 – 2011
- Fault-Tolerant Adaptive Mobile Agent System using Dynamic Role based Access Control [*Academic*]
 - Front End: Java
 - Tool: Aglets
 - Back End: Oracle

- Description: A Fault-tolerant Mobile Agent System Architecture which has an ability to dynamically change its role based on a newly developed algorithm namely the eXtended Volunteer Algorithm (XVA).
 - Advisor: Dr. P. Marikkannu
 - Year: 2010 – 2011
- Secure Mobile Agent System against Tailgating Attacks [*Academic*]
 - Front End: Java
 - Tool: Aglets
 - Back End: Oracle
 - Description: Provide security to Mobile Agents against tailgating attacks.
 - Advisor: Dr. P. Marikkannu
 - Year: 2010 – 2011
- An Enhanced Mobile Agent Security Protocol [*Academic*]
 - Front End: Java
 - Tool: Aglets
 - Back End: Oracle
 - Description: Provide security to Mobile Agents during the time of transfer in a Network against most of the Malicious Attacks and to conserve the Security Services.
 - Advisor: Dr. P. Marikkannu
 - Year: 2010 - 2011
- Watermarking Relational Database using optimization based techniques [*Academic*]
 - Front End: VB.Net
 - Back end: MS Access.
 - Description: Provide data security by using text-based watermarking techniques
 - Advisor: Dr.R.P.Anto Kumar
 - Year: 2009
- Official Website of BRIGITZ (Association of IT, St. Xavier's Catholic College of Engineering) [*Departmental Assignment*]
 - Role: Team Leader
 - Description: Design and development of the official website of BRIGITZ
 - Advisor: Mr. G. Sahaya Stalin Jose, Ms. A. Subitha, Ms. R. Jemila Rose
 - Year: 2006 - 2009
- Setting up of Mail Server for St. Xavier's Catholic College of Engineering [*Institutional Assignment*]
 - Role: Project Co-ordinator
 - Description: Developing and Setting up the Mail Server for the domain <http://www.sxcce.edu.in>
 - Advisor: Mr. M. Antony Joans Kumar
 - Year: 2009
- Official Website of St. Xavier's Catholic College of Engineering [*Institutional Assignment*]
 - Role: Team Leader [Content-management Team]
 - Description: Design and development of the official website of St. Xavier's Catholic College of Engineering
 - Advisor: Dr. S. Joseph Sekhar
 - Year: 2009

ONGOING

- Unicode based OCR Software for Tamil. [*Self- Initiative*]
 - Role: Principal Investigator
 - Description: A Unicode based Optical Character Recognition Software which will help in the identification of Tamil Text in imaged documents.
 - Official Website of Save Sparrows. [*Self-Initiative*]
 - Role: Principal Investigator
 - Description: Design and development of the official website of Save Sparrows movement (<http://www.savesparrows.org/>).
 - Official Website of Kalanchiyam E-Publications. [*Self-Initiative*]
 - Role: Principal Investigator
 - Description: Design and development of the official website of Kalanchiyam E-Publications which helps in self-publication of Tamil Technical Documents. (<http://kalanchiyam.in/>).
 - Learn Code Anywhere. [*Self-Initiative*]
 - Role: Principal Investigator
 - Description: Design and development of Learn Code Anywhere Project which is a completely self-managed e-learning initiative which would help people in all levels (from beginners to advanced level) learn coding using instructor led virtual classrooms and online compilers.
 - Official website of Foretec Engineers. [*Consultancy*]
 - Role: Co-Investigator
 - Description: Design and development of the official website of Foretec Engineers which incorporates features such as forums, online calculators and white papers.
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EXTERNAL ACTIVITIES

- Founder, TechnicalTamil.com
 - Director / Principal Researcher, Tholkappiar Lab for Tamil Computing
 - Chief Technical Officer (*Honorary*), Mindnotix Software Solutions
 - Editorial Member, Sigaram Digest
 - Mentor in IEEE Mentor Centre
 - EXECOM Member, IEEE Computer Society India Council (Since 2014)
 - EXECOM Member, IEEE Education Society India Council (Since 2015)
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MANAGEMENT PORTFOLIO

- Organized Industrial Visits (2006 – 2009)
 - Organized Technofoltz'09 (National Level Technical Symposium)
 - Editor-in-Chief of the department newsletter INFOTECHZ (2008-09)
 - Associative Editor of the department newsletter INFOTECHZ (2006-08)
 - Executive of the department association BRIGITZ (2008-09)
 - Webmaster of the department association website BRIGITZ.CO.CC (2006-09)
 - Class Representative (UG and PG)
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PERSONAL TRAITS

- Good time management
- Well-organized
- Good at working to a budget

WEB RESOURCES

- Adri Jovin's Blog - <http://blog.adrijovin.in/>
 - Adri Jovin's E-learning Portal - <http://e-learning.adrijovin.in/>
 - Adri Jovin's Cloud - <http://cloud.adrijovin.in/cloud/>
 - Presentations - <http://www.slideshare.net/adrijovin>
 - Presentations - <https://www.scribd.com/adrijovin>
 - Videos - <https://www.youtube.com/user/adrijovin>
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APART FROM PROFESSION

- Member of Nature Forever [Membership # NF3438]
 - Yoga
 - Music (Instruments: Keyboard, Tabla, Flute | Released 4 Open Albums: Voice of..., Dreamland, From My Heart..., New Life)
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REFERRALS

[Will be provided on request]