

## CURRICULAM VITAE

Vimal Jerald., M.C.A., M.B.A., M.Phil., PGDBI., (Ph.D.,)

Assistant Professor in Computer Science,  
St. Joseph's College (Autonomous),  
Tiruchirapalli – 620002, TN, India

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### Experience

- i. **Teaching Experience** : **9 Years**
- ii. Courses handled are core computer courses, management courses, programming language courses and Softskills

### Educational Qualifications

Year of Completion	Course	Institution	Class
2006	<b>B.Sc.</b> Computer Science	St. Joseph's College, Trichy - 2	First
2009	<b>M.C.A.</b> Computer Science	St. Joseph's College, Trichy - 2	First
2009	<b>PGDBI</b>	St. Joseph's College, Trichy - 2	First
2010	<b>M.Phil.</b> Computer Science	Vinayaga Missions University, Salem	First
2011	<b>M.B.A.</b>	Alagappa University, Trichy – 2	First
Registered Oct 2012	<b>Ph. D.</b> Computer Science,	St. Joseph's College, Trichy - 2	-----

### Other Certificate Courses

- PGDCA from CADD Cae Computers, Dindigul in 2006
- DTP From CADD Cae Computers, Dindigul in 2003
- Typing English Junier Certificate with distinction from TamilNadu Commercial Institution.

## Papers Published

### International

1. Secure IoT Architecture for Integrated Smart Services Environment, Proceedings of the 10th INDIACom -2016, 3rd International Conference on "Computing for Sustainable Global Development", 2016
2. An Adaptable Secure Smart Card Architecture for Internet of Things and Cloud Computing IJRET (International Journal of Research in Engineering and Technology Volume No. : 05 PP. : 162-170 ISSNO. : 2319-1163 Impact Factor : 3.935, 2015
3. Internet of Things (IoT) based Smart Environment integrating various Business Applications, International Journal for Computer Application (IJCA), 2015  
Volume No. : 128 No: 8 PP. : 32-37 ISSNO. : 0975 – 8887 Impact Factor : 3.12
4. Internet of Things for Smart Services, International Journal Applied Engineering Research, 2015  
Volume No. : 10-82 PP. : 543-548 ISSN. NO. : 0973-9769 Impact Factor : 0
5. Elliptic Curve Cryptography based Security Framework for Internet of Things and Cloud Computing, International Journal of Computer Science and Technology (IJCST), 2015  
Volume No. : 6.3 PP. : 223-229 ISSNO. : 0976-8491 Impact Factor : 5.09
6. Quality of Service Architecture for Internet of Things and Cloud Computing, International Journal of Computer Application(IJCA), 2015  
Volume No. : 128-7 PP. : 23-28 ISSNO. : 0975 – 8887 Impact Factor : 3.12
7. An Adoptable and Secure Intelligent Smart Card Framework for Internet of Things and Cloud Computing 50th Golden Jubilee Annual Convention on "Digital Life", CS\_-2015 to be published by AISC Springer, 2015  
PP. : 1-7 ISSNO. : 2277-9086
8. Elliptic Curve Cryptography based Security Framework for Internet of Things and Cloud Computing, Recent Advances on Computer Engineering  
PP. : 65-74 ISSNO. : 978-1-61804-336-8
9. Algorithmic Approach to Security Architecture for Integrated IoT Smart Services Environment, 2<sup>nd</sup> WCCCT, IEEE Digital Library, INSPEC Accession Number: 17280128, DOI: 10.1109/WCCCT.2016.16. PP. 24-29.

### National

1. A Framework for User Oriented Content Dissemination for E-Learning Proceedings of The Role of ICT in Higher Education: Quality, Accessibility and Security, 2010
2. Green Computing, a Remedy for Global Warming, Proceedings of National Conference on Emerging Trends in Software Development, 2016

## Research Project

1. Minor Research Project on “Study On Establishing Internet Of Things (Iot) Based Information Kendra In District Level For Integrating Smart Applications” by UGC (Grant of Rs. 293454) in Sep. 2016

## Book Chapter Contribution

1. Computer Literacy (Chapter 9 : Multimedia), published by Dept. of CS, St. Joseph's College, Trichy.

## Conferences/Workshops Attended

1. National Level Research Scholars Event Conducted by ACM on 23-01-2013 in IIT Madras
2. ACM India Women Event & ACM India Annual Event conducted by ACT in IIT Madras on 24,25 January 2013
3. A State Level Conference on “Academic Industrial Collaboration – BRIDGE 2010” conducted by ICTAct in Madurai on 20-10-2011
4. Orientation Programme for Staff-freshers conducted by St.Joseph's College (Autonomous), Tiruchirappalli-620 002 on 11<sup>th</sup>, 12<sup>th</sup>&13<sup>th</sup> June 2009.
5. National Conference on, “The Role of ICT in Higher Education: Quality, Accessibility and Security”, organized by the St.Joseph's College (Autonomous), Tiruchirappalli-620 002 on 29<sup>th</sup>, & 30<sup>th</sup> January 2010.
6. First annual workshop on “Research Areas in Computer Science” organized by Department of Computer Science, Bharathidasan University held at Bharathidasan University Technology Park (BUTP) on 9<sup>th</sup> April 2010.
7. Orientation Programme for Staff-freshers conducted by St.Joseph's College (Autonomous), Tiruchirappalli-620 002 on 10<sup>th</sup>, 11<sup>th</sup>&12<sup>th</sup> June 2010.
8. Orientation Programme for Faculty Members of Computer Science and Information Technology conducted by Department of Computer Science, St.Joseph's College (Autonomous), Tiruchirappalli-620 002 on 10<sup>th</sup> & 11<sup>th</sup> June 2011.
9. Orientation Programme for Junior Staff conducted by the management of St.Joseph's College (Autonomous), Tiruchirappalli-620 002 on 10<sup>th</sup>, 13<sup>th</sup>&14<sup>th</sup> June 2011.
10. Orientation Programme for Junior Staff conducted by the management of St.Joseph's College (Autonomous), Tiruchirappalli-620 002 on 11<sup>th</sup> to 14<sup>th</sup> June 2012.
11. State Level Workshop on Adroid Programing (WSDPA-12), by Dept. of CS, St. Joseph's College, Trichy on 08-12-2012
12. IEEE Workshop on Internet of Things: Technology, Applications, and Impact by IEEE and CSI in Chennai on 21-11-2014
13. International Conference on Advanced Computing by Jamal Mohamed College, Trichy on 03,04-12-2015

14. National Level workshop on Big Data Analytics and Business Intelligence by St. Joseph's College, Trichy on 04-01-2016
15. World Congress on Computing and Communication Technologies (WCCCT-2014) conducted by St. Joseph's College, Trichy on 27-02-2014
16. INDIACom 2016 - Third International Conference on Computing For Sustainable Global Development by IEEE in Delhi on 16-03-2016
17. National Conference on Emerging Trends in Software Development by Algappa University, Karaikudi on 24-03-2016
18. Workshop on "Campus Ministry: Retreats and Spritual Activities" by Jesuit Higher Education Commission and St. Xavier`s College, Palayamkottai, 04-04-216
19. Faculty Development Priogramme (FDP) on Emotional Intelligence by ICTACT in NSNCET, Karur on 18-07-2016
20. IEEE workshop on Ineternet of Things Application Development by IEEE in Bangalore on 05-08-2016
21. Second World Congress on Computing and Communication Technologies (WCCCT-2016) conducted by St. Joseph's College, Trichy in Feb., 2016
22. National Seminar on Effective E-learning with Cloud based Services and Elements conducted by Dept. of Information Technology, St. Joseph's College, Trichy in Dec., 2016
23. Industrial Seminar conducted by Chips Software System, Kochi on 10-9-2016
24. Seminar Recent Trends in Information Technology conducted by Dept. of Information Technology, St. Joseph's College, Trichy in Feb., 2018
25. Endowment Workshop on Current Trends in Computer Science conducted by Information Technology conducted by Dept. of Information Technology, St. Joseph's College, Trichy in 31-8-2017
26. Demonstrative Lecture on R Language conducted by the Dept. of Foundation Coureses, St. Joseph's College, Trichy on 8-2-2018

### Acted as a Resource Person

1. Seminar on "Development of Windows Applications using .net", organized by Department of Computer Applications, Loyola College, Vettavalam on 20-08-2013
2. Seminar on "Recent Trends and Technologies in Computer Science", organized by Department of Computer Science, Loyola College, Vettavalam on August 2012
3. Resource Person for MBA distance education programme by Bharathidasan University for the papers i) Mathematical Methods ii) Operation Research iii) Management Information System iv) Research Methodology (from 2010 to 2012)
4. Delivered talks on various topics in National and State level various programmes organized by AICUF (From 2009 to 2013)

5. Resource Person for Computer Science in YSSP-2012, YSSP – 2013 & YSSP 2015 (Young Student Scientists Programme) conducted by TamilNadu Council for Higher Education in St. Joseph's College during May 2012, 2013.
6. Workshop for Rural School Teachers in Karur and Trichy Districts on ICT on 10-10-2013
7. Orientation Programme on Computer Literacy for Professors handling Computer Literacy on 24-01-2014
8. Organiser for Web Designing Competition conducted by Association Intra Department Competitions on 12-02-2014 and March 2016
9. NEEDS Training Programme for Entrepreneurs by Tamil Nadu Govt. on 08-08-2014
10. Guest Lecture for B.Voc. Students of Alagappa University on C Programming Logic on 15-11-2015
11. Guest Lecture in Fisheries College and Research Institute, Tuticorin on Recent Trends in Information and Communication Technology on 05-02-2014
12. Invited Special Leadership Lecture on Current Trends in Information Technology in Sheshathiri Institute of Technology, Trichy on 18-12-2015
13. Special Invited Lecture for British MBA students of London School of Commerce in JIM on Basic Operation of MS Word 13-10-2015
14. Special Lecture on Trends And Impacts Of Multimedia, Social Media And E-Commerce by Dept. of Economics, St. Joseph's College, Trichy on 23-02-2016
15. Intensive Placement Training Programme for Final UG students in Jeyaraj Annapackiam College, Periyakulam on May 2014 and 6<sup>th</sup> -11<sup>th</sup> June 2016
16. Journey of Empowerment Marians, a employability skill development programme for final UG students held in St. Mary's College, Tuticorin May 2015 and May 2016.
17. Field Workers Training Programme on Social Analysis by Diocese of Trichy on 02-12-2015
18. Higher Studies Guidance Programme for +2 Students of Madurai Catholic Diocese in Srivilliputhur in April 2016
19. Special lecture on Successful Projects for III BSC CS Students of St. Mary's College, Tuticorin on 08-07-2015
20. Resource Person for Training final UG students of St. Joseph's College on different occasions from 2014 till date
21. Organizing Secretary, I UG orientation programme conducted in St. Joseph's College on 19<sup>th</sup> and 20<sup>th</sup> June 2018
22. Intensive Employability Training Programme conducted for Final UG students of Jeyaraj Annapackiam College between 11<sup>th</sup> June 14 June 2018
23. Staff Orientation Programme on "Intellectual Property Rights" conducted by St. Joseph's College, Trichy on 15<sup>th</sup> and 16 June 2018

24. Organizing Secretary, One Day Seminar on Recent Trends in Information Technology conducted by the Dept. of Computer Science, St. Joseph's College on 5-2018
25. Resource Person for a Workshop on Employability Skills for Final UG and PG students of St. Mary's College, Tuticoring on 23 and 24 November 2017
26. Resource Person for the Demonstrative Lecture on Multimedia Tools for I MCA students of Dept. of Comp. Science, St. Joseph's College, Trichy -2

### **Responsibilities Held :**

1. National Animator for AICUF's Commission
2. State Animator for Tamil Nadu AICUF
3. Unit Advisor for St. Joseph's College AICUF
4. Coordinator for Fine Arts Association and Students Affairs
5. Assistant Coordinator for Fine Arts Association
6. PRO Team Member
7. President for Computer Science Association in Department of Computer Science, St. Joseph's College in 2012-13
8. Assistant Director in Bellarmine Hostel, St. Joseph's College (2009-2010)
9. Assistant Director in Sacred Heart Hostel, St. Joseph's College (2010-2012)
10. Coordinator – Training and Placement Cell, Department of Computer Science , St. Joseph's College (From 2009 to till date)
11. JASS (Joseph Academy of Softskills) Member Training Life Skills for Students (UG & PG)
12. Bridge Course Tutor (2007-2012)
13. Member of Campus Ministry in St. Joseph's College (2009 to till date)
14. Fine Arts Coordinator for Variety Team & Mime Team, St. Joseph's College (2010 to 2013)
15. Organising Secretary for WSDPA – A state level workshop by Department of Computer Science, St. Joseph's College.
16. Organising Secretary for National Level Conference on Youth for Nation Building in St. Joseph's College in March 2014.
17. Organising Secretary for National Level Conference on Youth-Hope of India in St. Joseph's College in March 2014.

18. Student Representative for Academic Council in St. Joseph's College in 2007, 2008
19. Secretary of Students Council, St. Joseph's College during 2007-2008
20. National Council Member, State Ex-co Member of AICUF in 2006
21. Member of Web Development Committee in St. Mary's College, Tuticorin

### Awards Received & Achievements

1. 100 % Attendance award given by the Management of St. Joseph's College for the year 2010, 2012, 2013, 2014 (4 Years)
2. Arranged a campus Passport Programme for students and staff by which 970 got the passport in the year 2008
3. Best Researcher Award for Science (Shift II) from St. Joseph's College in the year 2016
4. Management Award for Minor Project by St. Joseph's College in the year 2016

### Skills :

1. Leadership
2. Organising
3. Public speaking
4. Design Web pages
5. Designing Invitations & Procedures
6. Communication
7. Interpersonal Skills

### Employment Details

<b>Designation</b>	:	Assistant Professor
<b>Date of Appointment</b>	:	10 <sup>th</sup> June 2009
<b>Department</b>	:	Computer Science
<b>Present Employer</b>	:	St. Joseph's College (Autonomous) (Nationally re-accredited with A grade 3 <sup>rd</sup> Phase) (College with Potential for Excellence) Tiruchirappalli – 620 002 Tamil Nadu, India.
<b>Phone</b>	:	91-431-4226392, 4226537

### Personal Details

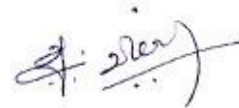
<b>Age &amp; Date of Birth</b>	:	32
<b>Gender</b>	:	Male
<b>Marital Status</b>	:	Married

**Religion** : Roman Catholic  
**Residential Address** : No:12, St. Joseph's College Staff Quarters,  
Nirmala Building, Fort Station Road,  
Trichy - 620002  
**Permanent Address** : 116 East Marianathapuram,  
Dindigul - 624003,  
**Mobile** : 9698111008, 8667224479

I declare that the information furnished above is true to to best of my knowledge.

Place: Trichy

Date: 9-7-2018



(A. Vimal Jerald)