

## CURRICULUM VITAE

**P.JOSEPH CHARLES**  
ASSISTANT PROFESSOR  
DEPARTMENT OF Computer Science  
ST. JOSEPH'S COLLEGE  
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### **EXPERIENCE**

Working as an Assistant professor in Department of Computer Science, St. Joseph's College, Trichy from 2003 to till date

### **AREA OF INTEREST**

**Context Aware Mobile Web Services and Operating Systems**

### **EDUCATIONAL QUALIFICATION**

<b>QUALIFICATION</b>	<b>INSTITUTION/UNIVERSITY</b>	<b>YEAR OF PASSING</b>
<b>P.hD Computer Science</b>	Bharathidasan University Trichy	<b>2018</b>
<b>M. Phil Computer Science</b>	Alagappa University, Karaikudi	2005
<b>M.Sc Computer Science</b>	St. Joseph's College, Trichy Bharathidasan University Trichy	1996
<b>B. Sc Computer Science</b>	St. Joseph's College, Trichy Bharathidasan University Trichy	1994
<b>HSC</b>	St. Joseph's Hr. Sec. School, Trichy	1991
<b>SSLC</b>	St. Joseph's Hr. Sec. School, Trichy	1989

## Administrative Responsibilities

- Head of Department of Information Technology from 2019- 2024
- UG Coordinator for IT Department from 2007-2009 and 2012 to 2019
- Head of Department of IT from 2009 – 2012
- Vice Principal from 2008- 2009
- Additional Chief Superintendent for semester examinations from 2005-2006 and 2009-2010.
- Chief Invigilator for ICAI exams from 2009-2013
- YRC coordinator from 2014- 2019

## Project Guided

- Projects guided for M.Phil, MCA, M.Sc(CS), M.Sc(IT), BSC (CS), BCA and PGDCSA

## Curriculum Development

- MCA
- MSc Computer Science
- M.Sc Information Technology
- BCA
- B.Sc Computer science
- PGDCSA

## Research Experience

- **Research Areas** are Web Services and Context Aware Web Services.

## Awards

- Best Researcher Award from St. Joseph's College during the college day celebrations in the years 2015-2016 and 2018-2019 .

## Book Publications

- “**Multilevel Security in Context Aware Web Service**”, Madhurima Soft Tech Printers, Trivandrum, 2019. ISBN:935351115-1

## **LIST OF PUBLICATIONS**

1. P. Joseph Charles and S. Britto Ramesh Kumar, “**Security Framework for Context Aware Mobile Web Services**”, International Conference on Computer Networks and Communication Technologies,

Lecture Notes on Data Engineering and Communications Technologies **Springer Nature Singapore Pte Ltd.** 2019. Pp.963-972, [https://doi.org/10.1007/978-981-10-8681-6\\_89](https://doi.org/10.1007/978-981-10-8681-6_89).

2. K.Subash, P. Joseph Charles, S. Britto Ramesh Kumar, “**Survey on QoS Metrics in Web Services**”, **International Journal of Science and Advance Research in Technology (IJSART)**, Volume 4 Issue 9, ISSN [ONLINE]: 2395-1052, pp. 37 - 41, September 2018.
3. P. Herbert Raj, P. Joseph Charles , M. Merla Agnes Mary, “**IoT- New Perspectives and its Security**”, **International Journal of Computer Sciences and Engineering (IJCSE)**” Vol.6, Special Issue.11, E-ISSN: 2347-2693, Dec 2018.(**UGC Approved Journal**)
4. Dr.P. Joseph Charles, A. Loganathan, “**Dynamic Resource Allocation For Cloud Computing Using Live Migration Of Virtual Machines**”, **International Journal of Science and Advance Research in Technology (IJSART)**,Volume 5 Issue 2, ISSN [ONLINE]: 2395-1052, pp. 278 - 281, February 2019.
5. Dr. P. Joseph Charles, R. Kaaruneyaa, “**INTRUSION DETECTION Mechanism in Data Mining**”, **INTERNATIONAL JOURNAL FOR RESEARCH & DEVELOPMENT IN TECHNOLOGY**, Volume-11,Issue-2, ISSN (O): 2349-3585, pp. 85-88, 2019.
6. P.Joseph Charles, M vinothkalidass, “**Private Cloud Computing Security Issues**”, **International Journal of Science and Advance Research in Technology (IJSART)**, Volume 4 Issue 6, ISSN [ONLINE]: 2395-1052, pp. 1498 - 1501, June 2018.
7. P.Joseph Charles1, D. Roselin Jaya Priya, “**Data Security Using Authentication And Authorization In Cloud Computing**”, **International Journal of Science and Advance Research in Technology (IJSART)**, Volume 4 Issue 6, ISSN [ONLINE]: 2395-1052, pp. 1502 - 1506, June 2018.
8. K.Subash, P. Joseph Charles, S. Britto Ramesh Kumar , “**An Architecture for Improving the QoS in Composite Web Service Selection**”, **International Journal of Scientific Research in Computer Science Applications and Management Studies (IJSRCSAMS)**, Vol 7, Issue 4, ISSN 2319 – 1953, July 2018. (UGC Approved Journal)
9. P. Joseph Charles, M. Merla Agnes Mary, “**A Study on Three Service Model of Cloud Computing**”, **International Journal of Electrical Electronics & Computer Science Engineering**, E- ISSN : 2348-2273 | P-ISSN : 2454-1222, pp.53-56, February 2018.
10. P. Joseph Charles, P. Priyadharshini, “**Security Issues in Hybrid Cloud Computing**”, **International Journal of Electrical Electronics & Computer Science Engineering**, E-ISSN : 2348-2273 | P-ISSN : 2454-1222, pp.57-59, February 2018.
11. P. Joseph Charles, P.M.H.Martin and I. Carol, “**Big Data Security Issues**”, **Proceeding of National Conference on MOBILE TECHNOLOGIES, BIG DATA & DATA ANALYTICS**,ISBN: 978-93-87871-52-6, pp 7-11, 2018.

12. P. Joseph Charles and Vijayakumar, “**Big Data- Analytics Concepts and its Tools**”, Proceeding of National Conference on MOBILE TECHNOLOGIES, BIG DATA & DATA ANALYTICS, ISBN: 978-93-87871-52-6, pp 12-18, 2018.
13. P. Joseph Charles, I. Carol and S. Thulasi Bharathi, “ **A Study of Big Data – Challenges and its Technologies**”, Proceeding of National Conference on MOBILE TECHNOLOGIES, BIG DATA & DATA ANALYTICS, ISBN: 978-93-87871-52-6, pp246-249, 2018.
14. P. Joseph Charles, I. Carol , Barna Bass, “Research Issues on Web Mining”, International Journal of Computer Sciences and Engineering, Volume 6 issue 2, pp.43-48, E-ISSN: 2347-2693, 2018.
15. P. Joseph Charles, S. Thulasi Bharathi, Angel Preethi, “Traffic Redundancy and Elimination Approach to Reduce Cloud Bandwidth and Costs”, International Journal of Computer Sciences and Engineering, Volume 6 issue 2, pp 108-111, E-ISSN: 2347-2693, 2018.
16. P. Joseph Charles , S. Mathiyalagan, “ Towards Secure and Dependable Storage Services in Cloud Computing”, International Journal of Science and Advance Research in Technology (IJSART), Volume 3 Issue 5, ISSN [ONLINE]: 2395-1052, pp.533- 535, MARCH 2017.
17. P. Joseph Charles, R. Suba., “Implications of Big Data Analytics”, International Journal of Science and Advance Research in Technology (IJSART), Volume 3 Issue 5, ISSN [ONLINE]: 2395-1052, pp.608-611, MAY 2017.
18. P. Joseph Charles, Meenakshi.K, “Security Issues in Cloud Computing”, International Journal of Emerging Trends in Science and Technology, IJETST- Vol.04 Issue 06, Pages 5253-5256, |ISSN 2348-9480 June 2017, IC Value: 76.89 (Index Copernicus) Impact Factor: 4.219.
19. P. Joseph Charles, S. Thulasi Bharathi, V. Susmitha, “BIG DATA – CONCEPTS, ANALYTICS, ARCHITECTURES – OVERVIEW”, International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056, Volume: 05 Issue: 02, Feb-2018.
20. P. Joseph Charles, I. Carol, S. Mahalakshmi, “Big Data Security an Overview”, International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056, Volume: 05 Issue: 02, Feb-2018.
21. P. Joseph Charles, Dr. S Britto Ramesh Kumar, “An Enhanced Multi-Layered Secured Architecture for Context-Aware Web Services”, World Wide Journal of Multidisciplinary Research and Development , 4(2): 168-172 E-ISSN: 2454-6615, 2018 (IUGC Approved Journal).
22. P. Joseph Charles, Dr. S. Britto Ramesh Kumar, “An Enhanced Multi-Layered Security Framework for Context-Aware Mobile Web Services”, International Journal of Computer Applications (IJCA), Volume: 146- No.15, ISSN: 0975-8887, pp. 1-4, 2016. (IF:3.12)
23. P. Joseph Charles, Dr. S. Britto Ramesh Kumar, “Security Issues in Web Services”, International Research Journal of Engineering and Technology (IRJET), Volume: 03 Issue: 05, e-ISSN: 2395-0056, p-ISSN: 2395-0072, pp. 909-914, 2016.
24. P. Joseph Charles, Dr. S. Britto Ramesh Kumar, “Security Issues in Context-Aware System ”, International Research Journal of Engineering and Technology (IRJET), Volume: 02 Issue: 06, e-ISSN: 2395-0056, p-ISSN: 2395- 0072, pp. 1-5, 2016.

25. P. Joseph Charles, DrS. Britto Ramesh Kumar, "Security Issues on Composite Web Services", International Research Journal of Engineering and Technology (IRJET), Volume: 03 Issue: 06, e-ISSN: 2395-0056, p-ISSN: 2395- 0072, pp. 2442-2446, 2016.
26. P. Joseph Charles, Dr. S. Britto Ramesh Kumar, "A Context-Aware Multi-Agent System as a Middleware For Ambient Intelligence", Roots : International Journal of Multidisciplinary Researches, Vol : 2 Special Issue 10, ISSN : 2349-8684, 2016.
27. P. Joseph Charles Dr. S. Britto Ramesh Kumar, "A Multi-Layered Secured Framework for Context-Aware Web Services in Health Care Industries", International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.82 , pp.554-560, India, 2015. IF 1.8233[Scopus Indexed]

28. P. Joseph Charles, Dr. S. Britto Ramesh Kumar, "Survey on Privacy Preservation in context aware web services", Indian Journal of Computer Science and Engineering (IJCSE), Vol. 6 No.6, ISSN : 0976-5166, pp. 169-172, Dec 2015-Jan 2016.
29. P. Joseph Charles, Dr.S.Britto Ramesh Kumar, "Security on Mobile Social Networks", International Journal of Advance Research in Computer Science and Management Studies", Volume 3, Issue 9, pp. 126- 131, 2015
30. P. Joseph Charles, Dr. S. Britto Ramesh Kumar, "Context-Aware In Privacy Preservation for Health Care Systems", International Journal Of Advanced Computer Technology, Vol 4, No 5, ISSN:2319-7900, pp. 8-13, 2015.
31. P. Joseph Charles, Dr.S. Britto Ramesh Kumar, "SURVEY PAPER ON MOBILE SOCIAL NETWORKS ", International Research Journal of Engineering and Technology (IRJET), Volume: 02 Issue: 06, e-ISSN: 2395-0056,p-ISSN: 2395-0072, pp. 637-641, 2015.
32. P. Joseph Charles and Dr. S. Britto Ramesh Kumar, "Design of A Secure Architecture for Context-Aware Web Services Using Access Control Mechanism", International Conference on Contemporary Computing and Informatics (IC3I), IEEE Xplore, pp.780-784, 2014. (Scopus Indexed)[IF: 3.1]
33. P. Joseph Charles, Dr.S. Britto Ramesh Kumar , "Context-Aware Architecture for User Access Control", International Journal of Advanced Research in Computer Science & Technology (IJARCST 2014), Vol. 2, Issue 3, ISSN : 2347 - 8446 (Online), ISSN : 2347 - 9817 (Print), pp.201-204, 2014.
34. P. Joseph Charles, Dr.S. Britto Ramesh Kumar , "An Architecture for Securing Heterogeneous Web Services", International Journal of Advanced Research in Computer Science & Technology (IJARCST 2014), Vol. 2, Issue 3, ISSN : 2347 - 8446 (Online), ISSN : 2347 - 9817 (Print), pp.197-200, 2014.
35. P. Joseph Charles, Dr.S. Britto Ramesh Kumar, "A Review on Privacy Control Techniques in Context-aware Web Services", International Journal of Advanced Research in Computer Science & Technology (IJARCST 2014), Vol. 2, Issue 3, ISSN : 2347 - 8446 (Online), ISSN : 2347 - 9817 (Print), pp.222-225, 2014.
36. P. Joseph Charles,Dr.S. Britto Ramesh Kumar , "A Framework for Privacy Handler Mechanism in Context-aware Web Services", International Journal of Advanced Research in Computer Science & Technology (IJARCST 2014), Vol. 2, Issue 3, ISSN : 2347 - 8446 (Online), ISSN : 2347 - 9817 (Print), pp.194-196, 2014.
37. P. Joseph Charles, S. Thiraviya Regina Rajam, and S. Britto Ramesh Kumar, "A Context Aware System Based on Service Oriented Architecture", In: Proceedings of the International Conference on Research Trends in Computer Applications (ICRTICA`13), (ISBN: 978-81208 25-0), Volume.1, pp.206-210, India, 2013.
38. P. Joseph Charles, S. Thiraviya Regina Rajam, and S. Britto Ramesh Kumar, "Extending Social Privacy Protector for Twitter Social Network," International Journal of Networking and Communication Engineering (IJNCE), (ISSN:0974 - 9616), Volume.1, Number 1, pp.34-39, India, 2013, [IF:0.569]

## **From 2019 onwards**

### **Special Talks/Presentation**

- Delivered valedictory address on “ Motivational Talk” at National college, Trichy February 2020 (Nako Fest-20)
- Delivered a special talk on “Information Security”, at Navalar College of Arts and Science, Tholudur, on 29 January 2020.
- Delivered a talk on “Software Engineering“ at Mother Theresa Women’s University, Kodaikonal on 21<sup>st</sup> September 2018.
- Delivered a inaugural and valedictory address about ”Information Security” at National Seminar to be held on Hayagriva Arts and Science College, Dindugal on 16<sup>th</sup> March 2019.

### **ORIENTATION/CONFERENCE/SEMINAR/WORKSHOP ATTENDED:**

1. Participated in the One day International seminar on 9<sup>th</sup>March 2013 organized by the Department of Computer Science, at Bharathiar University,Coimbatore.

2. Participated in the One day Workshop on“**Smart Devices Programming using Android**”on 8<sup>th</sup>December2012organizedbytheDepartmentofComputerScience,atSt.Joseph’sCollege, Trichy.

3. Participated in the UGC Sponsored National Conference on “**Higher Education and National Development:The Challenge of Expansion, Quality and Inclusion**” on 30<sup>th</sup>&31<sup>st</sup> January 2009 at St.Joseph’s College,Trichy.

4. Participated in the NAAC Sponsored National Conference on “**Quality Enhancement and Sustenance in Higher Educational Institutions through Six Sigma Quality Strategy**” on 23<sup>rd</sup>&24<sup>th</sup> October 2008” at St. Joseph’s College,Trichy.

5. Participated in the National Conference on “**Computer Science and Communication Technology**”on16<sup>th</sup>&17<sup>th</sup>February2007atSt. Joseph’s College,Trichy.

6. Attended the Workshop on “**VLSI Design using FPGAS**” on 3<sup>rd</sup> March 2006 conducted by the Department of Electronics at St. Joseph’s College,Trichy.

### **PERSONAL INFORMATION**

Name : Dr. P.JOSEPH CHARLES

Permanent Address : 25,Kovil Street,

Palakkarai, Trichy-620001

Date of Birth : 21.02.1974  
Nationality : Indian  
Marital Status : Married  
Hobbies : Listening Music,  
Reading books