FACULTY PROFILE

Name   :   S. OSWALT MANOJ
Designation   :   ASSISTANT PROFESSOR
Email ID   :   oswaltmanoj.cse@srit.org

Area of Specialization :   Big Data Analytics and Data Mining

                                 Cloud Computing

Total Experience   :   Academic :   5 Years and 8 Months

                                 Industry   :   6 Months

Educational Qualification:

Degree	Branch / Specialization	College	University
B.E	Computer Science and Engineering	Cape Institute of Technology	Anna University, Chennai
M.E	Computer Science and Engineering	University Departments	Anna University, Tirunelveli
Ph.D (Pursuing)	Information and Communication Engineering	Anna University, Chennai	Anna University, Chennai

Experience Details:

S.No	Institution/Industry	Design.	Experience		Total Years & Months
			From	**To**	
1	Sri Ramakrishna Institute of Technology, Coimbatore	Lecturer	**16.06.2010**	**31.07.2011**	1 Year & 1 Month
2	Sri Ramakrishna Institute of Technology, Coimbatore	Assistant Professor	**01.07.2011**	**Till Date**	4 Years & 7 Months
Total (as on Feb 2016)					**5 Years & 8 Months**

Publications   :   **Journals: 09   International Conference: 09   National Conference: 11**

Journals   :

1. S Oswalt Manoj et.al, "**Certain Investigations on Advanced Search Engines using various Algorithms**", Advances in Environmental Biology,Vol 9, No. 24, pp 354 – 359, November 2015, ISSN: 1995-0756(Print),1998-1066(Online).

2. S Oswalt Manoj et.al, "**Certain Investigation of Identify the New rules and accuracy using SVM algorithm**", Middle-East Journal of Scientific Research, Vol 23, No. 9, pp 2074 - 2080, October 2015, ISSN: 1990-9233(Print),1999-8147(Online).

3. S Oswalt Manoj et.al, "**Multi Disease Analysis System using Content Based Image Retrieval**", IEEE African Journal of Computing,Vol 8, No. 3, pp , September 2015, ISSN: 2006-1781.

4. S Oswalt Manoj et.al, "**Piwik software based web analytics for non-transactional websites**", International Journal of Applied Engineering Research(IJAER),Vol 10, No. 75, pp 101 – 105, August 2015, ISSN: 0973-4562(Print),1087-1090(Online).

5. S Oswalt Manoj et.al, "**Enhancing Agricol Application for agricultural university with some advanced features**", International Journal of Applied Engineering Research(IJAER),Vol 10, No. 41, pp 30323 - 30326, May 2015, ISSN: 0973-4562(Print),1087-1090(Online).

6. S Oswalt Manoj et.al, "**Developing Agricol: A Storage based application for Agricultural University**", International Journal of Research and Scientific Innovation, Vol 1, Issue 8, pp 2321 - 2705, November 2014, ISSN: 2321-2705.

7. S Oswalt Manoj et.al, "**The Secured Mobile Purse – A Mobile Banking Initiative**", International Journal of Research in Computer Engineering and Electronics, Vol 3, Issue 5, pp 1-4, September-October 2014, ISSN: 2319-376X.

8. S Oswalt Manoj et.al, "**Tree Based Scalable Secure Group Communication**", Bonfring International Journal of Research in Communication Engineering,Vol 1, Special Issue, pp 1-4, December 2011, ISSN: 2250-110x(Print),22775080(Online).

9. S Oswalt Manoj et.al, "**Visual Architecture based Web Information Extraction**", **Bonfring International Journal of Data Mining,** Vol 1, Special Issue, pp 6-11, December 2011, ISSN: 2250-107x(Print),2277-5048(Online).

International Conferences:

1. S Oswalt Manoj et.al, "**Survey on Soil Properties and Crop Management based on Data mining Concepts**", Seventh International Conference on Advanced Computing 2015(ICoAC2K15) organized by Madras Institute of Technology, Chennai, December 15 - 17,2015.
2. S Oswalt Manoj et.al, "**A Brief Survey on Recommender Systems**", International Conference on Mathematical Computer Engineering(ICMCE'15) organized by Vellore Institute of Technology, Chennai Campus, December 14 - 15,2015.

3. S Oswalt Manoj et.al, "**Soil Properties and Crop Management based on Data Mining Concepts – A Survey**", International Conference on Mathematical Computer Engineering(ICMCE'15) organized by Vellore Institute of Technology, Chennai Campus, December 14 - 15,2015.
4. S Oswalt Manoj et.al, "**Web Analytics using Piwik for Non-transactional websites**", Second International Engineering Post Graduate Research Conference organized by Karpagam University,
March 12 - 13, 2015.
5. S Oswalt Manoj et.al, "**Agricol: An application for the betterment of farming community**", IEEE International Conference on Soft Computing and Network Security(ICSNS'15) organized by SNS College of technology in association with Kyungpook National University, South Korea, February 25, 26 and 27, 2015.
6. S Oswalt Manoj et.al, "**Developing Agricol: A Storage Based Application for Agricultural University**", International Conference on Multidisciplinary Research & Practice (ICMRP-2014), November 30, 2014.
7. S Oswalt Manoj et.al, "**By passing Beacon Interval for Improving Route discovery in MANET using Random Cast as Energy Saving Scheme**", International Conference on "Innovations in Computers, Information and Communications" (ICICIC-2012) organized by PSG College of Technology, Coimbatore, January 5, 6 and 7, 2012.
8. S Oswalt Manoj et.al, "**Recognizing the Cloud Type and Estimation of Rainfall**", International Conference on "Communication and Computational Intelligence" (INCOCCI-2010) organized by Kongu Engineering College, Erode, December 27, 28 and 29, 2010.
9. S Oswalt Manoj et.al, "**Recognizing and Estimating Rainfall using Cloud images**", International Conference on "Recent Advances in Space Technology Services & Climate Change -2010" (RSTS&CC-2010) organized by Sathyabama University, Chennai, November 13, 14 and 15, 2010.

National Conferences:

1. S Oswalt Manoj et.al, "**Cloud Enabled Portable Virtual Application Dropbox for Enterprise Software**", National Conference on "Recent Advances in Computer Science and Engineering and Information Technology(RACSEIT 2012) organized by Sri Ramakrishna Engineering College, April 20, 2012.
2. S Oswalt Manoj et.al, "**A New Privacy Measure for Multiple Sensitive Attributes**", Third National Conference on "Communication, Computation, Control and Automation" organized by Sri Ramakrishna Institute of Technology, Coimbatore, September 12,13 and 14, 2011.
3. S Oswalt Manoj et.al, "**Impact Analysis of Climatic Change on Rainfall Pattern using Cloud Images**", National Conference on "Science of Climate Change and Earth's Sustainability: Issues and Challenges" organized by The Society of Earth Scientists, University of Lucknow, Lucknow, September 12,13 and 14, 2011.
4. S Oswalt Manoj et.al, "**Classification of the Cloud Textures based on SVD and Wavelet Transformation**", Second National Conference on Issues and Trends in Advanced Computing (NITAC-2010) organized by Bannari Amman Institute of Technology, Sathyamangalam, March 19 and 20 , 2010.
5. S Oswalt Manoj et.al, "**Classification of the Image Textures based on Singular Value Decomposition**", National Conference on Advances in Computing (NCAC '10) organized by CSI Students Chapter of Kalasalingam University, March 15 and 16, 2010.

6. S Oswalt Manoj et.al, "**Cloud Texture Classification based on Wavelet Transformation and SVD**", National Conference on Data Mining and Image Processing sponsored by CSIR and organized by SCAD College of Engineering and Technology, Cheranmahadevi, February 19, 2010.

7. S Oswalt Manoj et.al, "**Texture Classification based on Wavelet Transformation and Singular Value Decomposition**", Indian Conference on computational Intelligence sponsored by Tamil Nadu State Council for science & Technology and National Council for Science & Technology Communication, New Delhi and organized by DMI College of Engineering, Chennai, January 22 and 23, 2010.

8. S Oswalt Manoj et.al, "**A Framework Indicating Cross- Domain Role Mapping and Authorization for RBAC in Grid Systems**", National Seminar on "Intelligent Computing" sponsored by All India Council for Technical Education, New Delhi and organized by Dr. Sivanthi Aditanar College of Engineering, Tiruchendur, July 3 and 4, 2009.

9. S Oswalt Manoj et.al, "**Mobile Agent Based Check pointing in Distribution System**", National Conference on Emerging Trends in Engineering and Technology (ENTECH '09)" organized by Anna University Tirunelveli, May 8, 2009.

10. S Oswalt Manoj et.al, "**Provision of an Ontology Based Framework for Semantic Business Process Management**", National Conference on IT Enabled Management organized by Department of MBA, Anna University Tirunelveli, April 3, 2009.

11. S Oswalt Manoj et.al, "**On Achieving Modularity With Clustering Techniques**", National Conference on Advances in Computing,NCAC09 organized by Department of Computer Science and Engineering, Kalasalingam University, March 16 and 17,2009.

Seminar, Conference, Workshop Organized:

S.No.	Title	Duration	Level (Intern./ National)
1	Three day Faculty Development Programme on 21st Century Learning methods.	3 days	National
2	Workshop on Git and GitHub	1 day	National

FDP/FEP Participated:

Title	Date	Venue
Faculty Development Training Program on "CS6601- Distributed Systems"	December 02 to December 08, 2015	Sri Ramakrishna Engineering College, Coimbatore conducted by Department of Information Technology and Approved by Anna University, Chennai
Faculty Development Program on "Computer Programming"	June 16 to June 21, 2014	Sri Ramakrishna Institute of Technology, Coimbatore conducted by Indian Institute of Technology

		Bombay under the National Mission on Education through ICT(MHRD)
Faculty Development Program on "Computer Networks"	June 30 to July 5, 2014	SRIT conducted by Indian Institute of Technology Bombay under the National Mission on Education through ICT(MHRD)
Two week Faculty Updation Training on "Network Programming and Security Engineering"	June 3 to June 14, 2013	C-DAC, Hyderabad in collaboration with JNTU, Hyderabad as part of Advanced Faculty Training project, HRD division, Department of Electronics and Information Technology, Government of India
Two week Faculty Development Program on "Database Management Systems"	May 21 to May 31, 2013	Sri Ramakrishna Institute of Technology, Coimbatore conducted by Indian Institute of Technology Bombay under the National Mission on Education through ICT(MHRD)
One week Faculty Enablement Program on "Infosys Campus Connect"	March 4 to March 8,2013	S.R.R Engineering College, Chennai conducted by Infosys Limited

Seminar, Conference, Workshop Attended:

Title	Date	Venue
Three days workshop on Data Analytics using 'R'- Programming	January 07 to January 09, 2016	Department of Computer Technology, Madras Institute of Technology Campus, Anna University, Chennai
One Day Hands on Approach workshop on "Pedagogy for Technology Enabled Learning and Effective use of MOODLE	January 29,2015	Department of Computer Science and Engineering, Sri Ramakrishna Institute of Technology, Coimbatore
Three days Boot Camp Programme on "Impact of Open Source in Cloud/Big Data Analytics"	November 27 to November 29, 2014.	Computer Society of India Student Branch(CSI) and Free and Open Source Software(FOSS) Club of Sri Ramakrishna Engineering College, Coimbatore

CSI Sponsored Two day Workshop titled "Hadoop Eco-system The Practitioner Approach"	January 31 and February 01 2014	Sri Ramakrishna Institute of Technology, Coimbatore
Two day ISTE Workshop on "Research Methods in Educational Technology" under the National Mission on Education Through ICT (MHRD, Government of India)	February 02 and 09, 2013	Organized by IIT Bombay at Sri Ramakrishna Institute of Technology, Coimbatore
Spoken Tutorial Workshops on "Linux, LaTeX, PHP-MySQL and Python"	February 2, 2013.	Sri Ramakrishna Institute of Technology with course material provided by the Talk To a Teacher project of IIT Bombay
One day National Seminar on "Cloud Computing and its Applications"	February 01, 2013	Sri Ramakrishna Institute of Technology, Coimbatore and sponsored by Infosys
"Technical Writing and Presentation with a Focus on Research"	December 14 2012	Sri Ramakrishna Institute of Technology, Coimbatore
Two day ISTE Workshop on "Aakash for Education" under the National Mission on Education Through ICT (MHRD, Government of India)	November 10 and 11, 2012	Organized by IIT Bombay at Sri Ramakrishna Institute of Technology, Coimbatore
An International workshop on "Recent developments in Neural Networks"	October 3, 4 and 5, 2012	Department of Information Technology, Anna University, Madras Institute of Technology Campus, Chennai
One day National level workshop on "Open Source Software"	September 27, 2012	Department of Computer Science and Engineering & Department of Information Technology, Sri Ramakrishna Institute of Technology, Coimbatore
Four Day workshop on "Recent Trends in Cloud Computing	March 22, 23,23 and 25, 2012	Department of Computer Technology, Anna University, Madras Institute of Technology Campus, Chennai
One day workshop on "Patents and Designs"	February 15, 2012	Organized by the Indian Society for Technical Education Students Chapter (TN 271), Sri Ramakrishna Institute of Technology, Coimbatore

One day workshop on "Ethical Hacking and Counter Measures"	September 18, 2011	Organized by CYBER-sec Career Certifications, Coimbatore
NPTEL Workshop	July 29, 2011	Organized by National Programme on Technology Enhanced Learning (IIT Madras)
One day Workshop titled "Need Based Approach for Effective Teaching"	June 21, 2011	Sri Ramakrishna Institute of Technology, Coimbatore
Two day National Workshop on "Applications of Soft Computing Techniques for problems in Bioinformatics"	March 24 and 25, 2011	Biotechnology Centre, Anna University of Technology, Coimbatore
One day Seminar on "Open source Software"	January 22, 2011	365 Corporate Solutions LLP
Two Day National Workshop on "Wavelets and its Applications in Signal/Image Processing"	March 5 and 6, 2010	Anna University Coimbatore.
One Day Workshop on "Wireless Sensor Networks and its simulation tools"	January 7, 2010	Department of CSE, The Indian Engineering College, Vadakankulam.
2- Day "Workshop on Soft Computing-New Trends, Research Issues and Applications (WSC 09)"	March 19 and 20, 2009	Anna University Tirunelveli.
One day seminar on technologies for rural development and NSS exhibition	March 2005 & 2006	TCE, Madurai conducted by NSS Cell, Anna University

Guest Lectures Delivered:

Topic	Institution	Date(s)
An Introduction to Cloud Computing	Sri Krishna Arts and Science College, Coimbatore	December 31,2015
Git and GitHub – A hands on approach	Sri Ramakrishna Institute of Technology, Coimbatore	February 13, 2016

Membership in Professional Bodies:

Professional Body	M.No	Year of Joining	Type
Indian Society for Technical Education (ISTE)	LM 75240	2010	Life Member
International Association of Engineers (IAENG)	106078	2010	Life Member
Computer Society of India(CSI)	N1222625	2013	Nominee Member
Association for Computing Machinery(ACM)	9111107	2014	Professional Member
Computer Science Teachers Association (CSTA)	9111107	2015	Professional Member

Contributions to the Institution, Department and Society:

1. A member in the Anti-ragging Committee of Institution
2. A member in the Accreditation Committee of CSE Department.
3. Committee Member for Technical Conferences.
4. Committee Member for Annual Day.
5. Class Tutor for the batch of 2009-2013.
6. Reserve Hall Superintendent, Exam Cell of Sri Ramakrishna Institute of Technology.
7. Placement Coordinator for Department of CSE, Sri Ramakrishna Institute of Technology
8. Deputy Warden (SRIT Boys Hostel) at Sri Ramakrishna Institute of Technology from 2010-2014
9. Residential Warden at Sri Ramakrishna Institute of Technology from 2014 to till-date.
10. Assistant Class Tutor for the batch of 2013-2017.
11. Assistant Faculty In-charge for PG Computer Laboratory of Sri Ramakrishna Institute of Technology.
12. Faculty co-ordinator for Industry Institute Interaction/ In-plant Training/Industrial visits of Department of CSE, Sri Ramakrishna Institute of Technology.
13. Assistant Faculty co-ordinator for Computer Society of India (CSI) Student Branch of Sri Ramakrishna Institute of Technology.
14. Faculty co-ordinator for Virtual Industry Visit Club of Sri Ramakrishna Institute of Technology.
15. Faculty co-ordinator for Infosys Campus Connect programme of Department of Computer Science and Engineering, Sri Ramakrishna Institute of Technology.
16. Co-ordinator for a three day Faculty Development Programme on 21st Century Learning methods.
17. Technical Assistant for the Faculty Development Programme on Computer Networks.
18. Faculty co-ordinator for Institution of Engineers of Sri Ramakrishna Institute of Technology.
19. Member of Software Development Team of Sri Ramakrishna Institute of Technology.

Awards and Recognitions:

1. **Best paper Award:** S Oswalt Manoj et.al, "**Agricol: An application for the betterment of farming community**", IEEE International Conference on Soft Computing and Network Security(ICSNS'15) organized by SNS College of technology in association with Kyungpook National University, South Korea, February 25, 26 and 27, 2015.