


## Velammal Engineering College

### Department of Computer Science and Engineering

Name & Photo : Dr. K. Vimala Devi		
Designation:	Professor	
Qualification :	M.E., Ph.D.,	
Area of Specialization :	Computer Networks, Distributed Computing, Wireless Sensor Networks, Cloud and Big Data	
Teaching Experience :	UG: 19 Yrs.PG : 19 Yrs.	
No. of Conference/FDP/STTP/Seminar/ Workshop attended :	45/12/4/13	
Publication :	<b>Journal</b>  International : 23 <b>5 journal papers indexed in ACM</b>  <b>15 journal papers indexed in</b>	<b>Conference</b>  International :30 National: 17 <b>11 papers indexed in IEEE Xplore</b>

#### **Funds received:**

1. Organized and conducted an **ISRO sponsored-International Conference, ICTEC'2013** (March' 2012) at Sri Ramakrishna Engineering College, Coimbatore as the Head/Director-MCA.

**Fund received from ISRO : 30,000**

**Fund received from Infosys through Campus Connect : 15,000**

### Experience Details:

Name and Address of the Institution	Designation	From	To	Total No. of Years
Arulmigu Kalasalingam College of Engineering, Krishnankoil-626190	Lecturer-CSE	15/12/1997	30/04/2003	5.5
CEG, Anna University, Chennai	Lecturer-CSE	18/05/2003	22/05/2005	2.0
Kalasalingam University, Krishnankoil-626190	Sr. Lecturer-CSE	01/06/2005	30/07/2007	4.5
	Asst. Prof.-CSE	01/08/2007	30/11/2008	
	Associate Prof.&HOD/CSE	01/12/2008	14/12/2009	
Anna University Trichirappalli, (Main Campus)	Assistant Professor	16/12/2009	22.07.2010	0.7
Sri Ramakrishna Engineering College, Coimbatore-641022	Professor and	06.08.2010	31.05.2011	0.10
Kalasalingam University, Krishnankoil-626190	Professor, Dept. of CSE	01.07.2011	31.01.2013	1.5
P.S.R. Engineering College, Selvalpatti, Sivakasi-626140.	Professor, Dept. of CSE	01.02.2013	16.04.2016	3.3
Velammal Engineering College, Ambathur-Red Hills Road, Chennai-96	Professor, Dept. of CSE	16.06.2016	Till Date	1 year

### Research Guidance:

1. **Recognized Supervisor (No: 2140433)at Anna University, Chennai.**
2. **Acted as External Examiner for Ph.D Viva-voce at CEG, Anna University Chennai.**
3. Guided 30 M.E projects and guiding 10 Ph.D research scholars
4. Doctoral Committee member for Anna University Chennai, Mother Teresa Women's University.
5. Evaluated a Ph.D thesis for Mother Teresa Woman's University, Kodaikanal.
6. External Examiner for Ph.D viva-voce for a Ph.D scholar at Mother Teresa Women's University
7. **External Examiner for Ph.D viva-voce** for a Ph.D scholar at Mother Teresa Women's University
8. Evaluated M.Phil thesis for Mother Teresa Women's University.

### Other Distinction/Recognition/Awards:

1. QIP P.G Fellowship from AICTE for doing M.E program at College of Engineering, Anna Univeristy, Guindy, Chennai.
2. Reviewer **IEEE Communications Letter.**
3. Reviewer for "International Journal of Network Management (IJNM)", **John Wiley Interscience Publications. (Annexure I of Anna University)**

4. Reviewer for “International Journal of Communication Systems (IJCS)”, **John Wiley Interscience Publications. (Annexure I of Anna University)**
5. Reviewer for **Journal of Communications and Networks (JCN). (Annexure I of Anna University)**
6. **Reviewer for INCOS'17** organized by Kalasalingam University, Krishnankoil.
7. **Reviewer for IEEE International conference** on electrical, Computer and Communication technologies (2015 and 2016) in track CS organized by SVS College of Engineering, Coimbatore.
8. Recognized as an **Editor/Program Committee member for IEEE-WCCCT 2014: 2014** World Congress on Computing and Communication Technologies: St. Joseph's College, Tiruchirappalli, Tamilnadu, India. Ref: **http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=6755091**
9. Specific Program Committee member in **International Conference on Science, engineering and Technology Applications' 2016**, organized by Integrated Intelligent Research, Chennai, India at Pattaya, Thailand.
10. **Editor** for International Journal of Emerging Trends in Computing and Communication Technology, IJETCCT'2014, St. Joseph's College, Tiruchirappalli, Tamilnadu, India. Ref: <http://www.ijetcct.in/editors.php>
11. **Editorial board member/reviewer** for the aircce journals.
12. Biography inclusion in Who's who in the WorldUSA, 2009 (Significant research works contributed to the betterment of contemporary society)
13. Best Paper award for a paper published at “NCON'03” organized by the TIFAC-CORE in Network Engineering, Kalasalingam University, Krishnankoil.

#### Journals/Conferences/FDP/STTP/Seminar: (List)

##### Journal:

S.No	Journal Name	Issue	Title	ISBN
1	<b>International Journal of Network Management (IJNM)</b> , (Published in, and abstracted in ACM Portal, Imp. Factor: 0.323, ENGLAND WILEY-BLACKWELL- (Scopus Indexed).	Vol.19, Issue 1, 2009, pp. 57-74	Resource Prediction and Management in Active Networks	Print-ISSN: 1055-7148 E-ISSN: 1099-1190
2	<b>INFORMATICA-LITHUAN</b> , Imp. Factor: 1.63, SNIP: 0.539)– (Scopus Indexed)	Vol. 34, Issue 1, 2011, pp. 101-112,	Resource Control and Estimation Based Fair Allocation (EBFAA) in Heterogeneous Active Networks	Print-ISSN: 0868-4952, E-ISSN: 1822-8844
3.	Wireless Personal Communications, <b>Springer Publications, Imp. Factor: 0.458, SNIP; 0.374, - (Scopus Indexed)</b>	Vol. 73, Issue 3, 2013, pp. 731-751	Achieving Energy Conservation by Cluster Based Data Aggregation in Wireless Sensor Networks	Print-ISSN:0929-6212 E-ISSN:1572-834X

4.	Electronic Letters on Computer Vision and Image Analysis, DOI: <a href="http://dx.doi.org/10.5565/rev/elcvia.795">http://dx.doi.org/10.5565/rev/elcvia.795</a> . ( <b>Scopus Indexed</b> ).	14(2):24-44; 2015	A Survey on Human Emotion Recognition Approaches, Databases and Applications	ISSN 1577-5097
5.	International Journal of Advanced Research in Electrical, Electronics and Instrumental Engineering.	Vol 2, Issue 11, Nov 2013	An Enthusiastic Path for Wireless Sensor Networks Based On Clustering Approach	ISSN 2320-3765.
6.	Indian Journal of Engineering, An International Journal,.	Vol. 13, Issue 31,	A review: big data analytics in health care	ISSN 2319-7757 EISSN 2319-7765
7.	<b>International</b> Journal of Computer Science, Systems Engineering and Information Technology, ( <b>Scopus Indexed</b> ).	Vol.4, Jan-June 2011, pp.51-54,	An Effective end-to-end approach to infer the Packet Forwarding Priority in the Network'	ISSN: 0973-4406,
8.	International Journal of Scientific Engineering and Technology	volume 3, Issue 7, pp. 856-860	Test case prioritization Based on Faults	ISSN- 2277-1581
9.	<b>International</b> Journal of Engineering Simulation (IJES), University of Wolverhampton, UK.	Vol. 8, No. 2, 2007	Modeling and Simulation of Estimation Based Resource Allocation (EBRA <sup>LLSR</sup> ) in Active Networks'	ISSN 1468-1137
10.	International Journal of Applied Engineering Research, Research India Publications- ( <b>Scopus Indexed</b> ).	Vol. 10 No.43 (2015) pp. 1642-1647	Assessment of Intrusion Detections System - A Multidisciplinary Analysis	ISSN 0973-4562
11.	International Journal of Applied Engineering Research, Research India Publications- ( <b>Scopus Indexed</b> ).	Vol. 10, No.2 (2015) pp. 1634-1638	A Novel Multi Perspective Based Similarityfor Text Categorization and Clustering	ISSN 0973-4562

12.	International Journal of Applied Engineering Research, Research India Publications- <b>(Scopus Indexed)</b> .	Vol. 10 No.2 (2015) pp. 1642-1647	A Novel Fuzzy Based Clustering For Multi-Label Text Categorization	ISSN 0973-4562
13.	International Journal of Applied Engineering Research, Research India Publications, <b>(Scopus Indexed)</b> .	Volume 10, Number 5 (2015) pp. 12915-12928,	Online Monitoring And Counting Of Voting Using Zigbee Protocol and Cloud Computing	ISSN 0973-4562
14	International Journal of Applied Engineering Research, Research India Publications, <b>(Scopus Indexed)</b> .	Volume 10, Number 11, 2015, pp. 29705-29715	Managing Resources Through Selection of Leader To Achieve Energy Efficiency For Wireless Sensor Networks	ISSN 0973-4562
15.	International Journal of Applied Engineering Research, Research India Publications, <b>(Scopus Indexed)</b> .	Volume 10, Number 39, 2015, pp. 29566-29572	A technical survey on Data Deduplication for Cloud Backup using ALG-Deduplication Scheme	ISSN 0973-4562
16.	<b>International</b> Journal of Computer Science and Information Technology (IJCSIT).	Vol. 1, 2007, pp. 1-13	Resource Estimation and Allocation in programmable Active Networks using Knowledge Based Expert System'	ISSN: 0975-9646
17.	Middle –East Journal of Scientific. IDOSI publications, 2017. <b>(Listed in AU-Annexure II and Scopus indexed)</b>	Voll. 3, Issue 25. Pp. 660-665.	Hadoop based Feature Selection and Decision Making Models on Big Data	ISSN 1990-9233
18.	International Journal of Sceince and Innovative Engineering & Technology	May 2017- Issue ,Volume 1	An Effective Localization for Precision Agriculture Using Wireless Sensor Network	ISBN 978-81-904760-9-6

19.	Advances in Natural and Applied Sciences, <b>(Listed in Annexure II of AU and Scopus Indexed)</b> .	Vol.10, Issue 4, pp: 64-73.	Efficient Feature Extraction for Text Mining	
20	Int. J. Advance Soft Compu. Appl, <b>(Listed in Annexure II of AU and Scopus Indexed)</b> .	Vol. 8, No. 2, July 2016	Dynamic batch mode cost-efficient independenttask scheduling scheme in Cloud Computing	ISSN 2074-8523
21	Advances in Natural and Applied Sciences., <b>(Listed in Annexure II of AU and Scopus Indexed)</b> .	Vol.10, Issue 10. Pp: 232-241	Performance Analysis Of Radio Access Techniques In Self-Configured Next Generation Wireless Networks	

### Conferences:

#### International:

1. **K. Vimala Devi**& Mehata K.M, (Dec 19<sup>th</sup> to 20<sup>th</sup> 2013), “Modeling and Estimation of Resources for Processing in Cloud Computing”, International Conference on Advanced Computing- ICoAC’2013”, MIT, Anna University, Chennai, Tamil Nadu, India, indexed by **IEEE Xplore** .
2. **K. Vimala Devi**& R. Kanniga Devi, (Jan 3<sup>rd</sup> to 5<sup>th</sup> 2013), “ Resource Estimation based on LLSR for Processing in Cloud Computing”, International Conference on Instrumentation, Control, Communication and Automation-ICICCA2013, Kalasalingam Univesity, Krishnankoil, Tamil Nadu, India, indexed by **IEEE Xplore and EI Compendex and ISI Proceedings**.
3. Sridhar . **S. and Vimala Devi. K.**, (April 8<sup>th</sup> -10<sup>th</sup> , 2011), “ Nested Mechanism for Mutual Authentication”, **IEEE International Conference** on electronics and Computer Technology (ICECT’11), Kanyakumari, India, indexed by **IEEE Xplore** and EI Compendex and ISI Proceedings.
4. **K. Vimala Devi** & K.M. Mehata, (Dec 12<sup>th</sup> to 14<sup>th</sup> , 2008), “Priority Based Resource Allocation with Maxmin Fairness in Active Sensor Networks”, **16th IEEE International Conference on Networks, ICON’08**, organized by IIT, Roorkee, at NewDelhi.
5. **Vimala Devi K.** and Mehata K.M. (Feb 22<sup>nd</sup> -24<sup>th</sup> 2007), ‘Resource Control and Prediction for QoS in Heterogeneous Active Networks’, Proceedings of **first IEEE International Conference, ICSCN’07**, MIT, Anna University, Chennai, India, pp. 471-476.
6. **Vimala Devi K.** and Mehata K.M. (September 13<sup>th</sup> to 15<sup>th</sup> , 2006), ‘Resource Estimation and Policy

Based Allocation for Quality of Service in Active Networks', Proceedings of IEEE workshop on Coordinated Quality of Service in Distributed Systems (COQODS-II), held in conjunction with **14th IEEE Conference, ICON'06**, at Singapore, pp. 1-6.

7. **Dr. K. Vimala Devi** and Ms. Vedha, (Dec' 2014) "Capacity Based Resource Allocation in Cloud" at the International Conference on Communication and Networking Technologies, ICCNT'14 organized by the Department of Electronics and Communication, Mepco Shlenk Engineering College, Sivakasi. (published in [www.ieeexplore.org](http://www.ieeexplore.org))
8. S. Karthikeyan, **K. Vimala Devi**, K. Valarmathi, (27<sup>th</sup> Nov' 2015), "Internet of Things: Hospice Appliances Monitoring and Control", **IEEE Sponsored** Online International Conference on Green Engineering & Technologies organized by the Department of Electronics and Communication Engineering (PG), Karpagam College of Engineering, Coimbatore, Volume: 1 Page No: 55, 978-1-4673-8658-8, Paper ID: OIC18
9. C. Seelammal and **K. Vimala Devi**, (December 16<sup>th</sup> & 17<sup>th</sup> 2016) "Computational Intelligence in Intrusion Detection System for Snort log using Hadoop", **IEEE International Conference on Control, Instrumentation, Communication and Computational Technologies (ICCICCT)**, DOI: 978 -1-5090-5240-0/16/\$31.00 ©2016 IEEE, pp. 734-740
10. Ravikumar.P and **Vimala Devi. K**, ( 26<sup>th</sup> and 27<sup>th</sup> May 2017), "An Architecture framework and Methodology for BIG-DATA Analytics in Health Care", in 15<sup>th</sup> International Conference on Future Trends in Engineering and Business, at Chennai, organized by International Organization of Scientific Research and Evelopment.
11. R. Lalitha and **K. Vimala Devi**," (2017), "A Survey on Agricultural Monitoring for Precision Agriculture using Wireless Sensor Network", International Conference on Advanced Computing and Communication Systems (*ICACCS -2017*), Jan. 06 – 07, 2017, Coimbatore, INDIA ( To be indexed in **IEEE Xplore**)
12. **K. Vimala Devi**, E. Balaji , S. Shyam Sunder, K. S.Sandeep Kumar, (2017), "E-Learning of Programming languages based on Cloud Computing", International Conference on Advanced Computing and Communication Systems (*ICACCS -2017*), Jan. 06 – 07, 2017, Coimbatore, INDIA.( To be indexed in **IEEE Xplore**) .
13. Vetha and **K. Vimala Devi**, (16-17 , June' 2017), "Dynamic Resource Allocation in Cloud using Queuing Model", International Conference on Innovative Research in Engineering and Science (*IRES-2017*) , Asian Institute of Technology Conference Center, Thailand
14. Ravikumar.P and **Vimala Devi. K** , (18<sup>th</sup> and 19<sup>th</sup> Dec' 2015), "A review: big data analytics in health care ", International conference on Electrical Electronics Instrumentation and computer and Communications' 2015 organized by Karpagam College of Engineering, Coimbatore
15. **Vimala Devi K.** and Mehata K.M.(Jan 10<sup>th</sup> -12<sup>th</sup> 2007), 'Resource Allocation in Programmable Active Networks during DDOS Attacks', **International Conference** on Advanced Communications Systems, ICACS'07, GCT, Coimbatore, India, pp. 61-66.
16. **Vimala Devi K.** and Mehata K.M. (June 27<sup>th</sup> to 30<sup>th</sup> 2005), 'Resource Management in Active Networks', **International Conference**, PDPTA'05, Las Vegas, USA, pp. 1-8.
17. Ms C. Seelammal, Dr **K. Vimala Devi** and Dr. T.Subbulaksmi," (09<sup>th</sup> & 10<sup>th</sup> April 2015) **Assessment of Intrusion Detection System - A Multi-Disciplinary Analysis**", Second International conference

On Computational Intelligence, Sethu Institute of Technology, Kariapatti,.

18. S. Diwakar and **K. Vimala Devi**, (10<sup>th</sup> -12<sup>th</sup> April, 2014.), “An Efficient Routing for Wireless Sensor Networks using the Modified LEACH protocol, Fourth International Conference on Recent Trends in Information Technology at Madras Institute of Technology, Chennai.
19. B. Suganya and **Dr. K. Vimala Devi**, (07-08 April 2015) “A technical survey on Data Deduplication for Cloud Backup using ALG-Deduplication Scheme” at the International Conference on Future trends in Engineering and Technology at PSNA College of Engineering and Technology, Dindigul, *ISBN: 978-93-80686-98-1*.
20. Surja. M, and K. Vimala Devi, (2015) “Key Collective Cryptosystem Aimed at Scalable Statistic Distribution in Cloud Storage”, International Conference on Emerging Trends in Engineering and Technology, Pandian Saraswathy Yadav Engineering College, Sivagangai, PP. 45.
21. P. Sankardayal and **K. Vimala Devi**, (May 2nd and 3rd 2014), “A secured and verifiable decryption based on ABE with Recoverability in Cloud” in the proceedings of ICRTCSE 2014,(ISBN 978-81-9089-807-2) ,Apollo Engineering College, Chennai.
22. R. Renganayaki and **K. Vimala Devi** (April 5 and 6 th 2014), “A Collaborative Approach Based on Ant Colony Implementation in WSN” at Third International Conference on science and Innovative Engineering organized by “Organization of Science and Innovative Engineering and Technology” at Jawahar Engineering College.
23. R. Pradeepa and **Vimala K. Devi**, (Feb 2013), “Effectiveness of Test Case Prioritization using APFD Metric: Survey”, **IJCA Proceedings on International Conference on Research Trends in Computer Technologies 2013 ICRTCT (3):1-4**, February 2013. Published by Foundation of Computer Science, New York, USA, **ISSN Number: 0975 - 8887**.
24. A.M. Gurusigamani and **K. Vimala Devi**, (March 7-8’ 2013), “Efficient and Climbable Multicast Routing Protocol in cloud Data Centre”, Proceedings of **International Conference on Innovative Trends in computing and Technology- ITITCT’13** at Rajas’ College of Engineering, Tirunelveli.
25. R. Praba, and **K. Vimala Devi**, (March 7-8’ 2013), “Application Specific for Resource Provisioning in Cloud Computing”, Proceedings of **International Conference on Innovative trends in computing and Technology- ITITCT’13** at Rajas’ College of Engineering, Tirunelveli.
26. M. Bala Subhulakshmi and **K. Vimala Devi**, (March 7-8’2013), “A Key based security and location monitoring in VANET”, Proceedings of **International Conference on Innovative Trends in Computing and Technology- ITITCT’13** at Rajas’ College of Engineering, Tirunelveli.
27. R. Pradeepa, **K. Vimala Devi** and P.Sandhiya, (Feb 17-18’2012), “ Review on Test Case Reduction Methods”, **International Conference on Innovations in contemporary IT research (ICITR-2012)** Quaid-E-millath Government College for Women(Autonomous), Anna Salai, Chennai -2.
28. S. Nithya Roseline, K. Vimala Devi, “ A User Level Optimized Tool to infer the Packet type in the networprs “, International Conference on Recent Trends in Information Technology (ICRTIT2011), 3-5 June 2011, Madras Institute of Technology, Anna University, Chennai 600044,
29. P.Sankardayal, **K.Vimala Devi**, " A Secured And Verifiable Decryption Based On ABE With



Recoverability In Cloud," in Proc. ICRTCSE 2014, pp. 335 - 337, May 2nd and 3rd 2014 (ISBN 978-81-9089-807-2)

30. R. Rengayaki and **K. Vimala Devi**, (April 5-6<sup>th</sup>), "A collaborative Approach Based on Ant colony Algorithm For Data Aggregation with Fuzzy Implementation in WSN" **Third International Conference on science and innovative engineering"** organized by" **Organization of Science and Innovative Engineering and Technology"** atin Jawahar Engineering College Chennai.

**National:**

31. K. Vimala Devi, N.T. Gayathri and S. Kayalvizhi Sharmila, "Deduplication on Cloud using Hybridcloud approch with secure authorized duplicate check", National Conference on Communication and Intelligence Techniques organized by the ECE Department of P.S.R. Engineering College, Sivakasi.
32. M. Bala Subhulakshmi and K. Vimala Devi, (17th April' 2013), "Virtual Trip lines for Traffic watching in VANET with Data Privacy", Proceedings of National Conf on Computer Science and Informatics, Anna University Regional Centre Madurai.
33. R. Praba, and K. Vimala Devi, (15th April 2013), "Application sole ingenuity procurement in cloud computing", Innovation and Emerging Trends in Computer and Communication technology, National conference at Sri Vidhya College of Engineering and Technology.
34. A.M. Gurusigamani and K. Vimala Devi, (15th April 2013) , "Developing Economical and Ascendible multicast Routing Protocol in Cloud Data Centre", Innovation and Emerging Trends in Computer and Communication technology, National conference at Sri Vidhya College of Engineering and Technology
35. Vimala Devi. K and Nithya, (March 11th 2011), "An Effective end-to-end Approach to infer the packet forwarding priority in the Network", International conference on Communication and signal Processing (ICCOS'11) at Karunya University, Coimbatore, India.
36. Vimala Devi. K and Jayanthi, (4<sup>th</sup> and 5<sup>th</sup> March 2011), "Dyanmic Blind Authenticated Secure Protocol", International conference on 4G Wireless Communication Network (IC4GWCN 2011) at Kamban engineering College, Thiruvannamalai, India.
37. Vimala Devi. K. and Nithya (March 7<sup>th</sup>, 2011), "A User level optimized tool to infer the packet type in the network", National conference on Recent Advances in computer Vision and Information Technology (NCVIT'11), Government college of Technology, Coimbatore.
38. Vimala Devi. K and Jayanthi, (7<sup>th</sup> March 2011), "Dyanmic Blind Authentication using Elgamal Cryptography", National conference on Computer vision and Information Technology at Government College of Technology, Coimbatore.
39. B.Dheena Dayalan and Vimaladevi. K, " Performance of Eigen Faces and Fisher Faces across varying Pose", in the proceedings of national conference of "Latest Trends in Software Technologies and Workshop on Statistical Natural Language Processing", organized by SKP Engineering College, Tiruvannamalai in the year 2006.
40. T.Jaiganesh and K.Vimaladevi, "Performance Analysis of Mapping Schemes for parallel Server with Fewer TCP Connections", in the proceedings of national conference of "Advanced Development in

Network and Intelligent Computing-06”, organized by Department of CSE / IT & MCA, Adhiyamaan College of Engineering, Hosur, in the year 2006.

41. C.Mariappan and K.Vimala Devi, “Secure Isolation and migration of Legacy Applications”, in the proceedings of national conference of “Advanced Development in Network and Intelligent Computing-06”, organized by Department of CSE / IT & MCA, Adhiyamaan College of Engineering, Hosur, in the year 2006.
42. M.J Mary Sophia and K.Vimala Devi ,”*Video streaming in WiMAX*”, Third National Conference for Research Scholars on Applications of Emerging Technologies, Mar 2006.
43. P.Ravikumar and K.Vimala Devi,” Resource Efficient Tree for Tracking Object in Wireless Sensor Networks”, 4<sup>th</sup> National Conference on High Performance Computing, Organized by Department of CSE, Government College of Engineering, Tirunelveli, April 2008.
44. C.Kaliraj and K. Vimala Devi, “An Efficient Elliptic curve cryptography for MANET Security using Identity of the Receiver”, 4<sup>th</sup> National Conference on High Performance Computing, Organized by Department of CSE, Government College of Engineering, Tirunelveli, April 2008.
45. D. Kavitha and K. Vimala Devi “Flow control using receiver side control algorithm in wireless networks”, National conference on Advanced computing Technologies , Bannari Amman Institute of technology,Satyamangalam.April 25-26,2008.
46. Vimala Devi K. and Mehata K.M. (Dec 19-20<sup>th</sup> 2004), ‘Quality of Service using Active Network Technology’, NCON’04, at A.K. College of Engineering, Krishnankoil, India, pp. 1-13.
47. Vimala Devi K. and Mehata K.M. (March 2003), ‘Network Performance Management using Active Network Technology’ at NCCN’03, SRM Engineering College, Chennai, India.

## **FDP/SDP:**

### **• Training Courses conducted**

1. Coordinated and organized the sixth national conference on “Recent Trends in computing and Communication Technologies”, (RECAN’T 16) to be conducted on March 10<sup>th</sup> and 11<sup>th</sup> at the Department of Computer Science and Engineering, P.S.R Engineering College.
2. Coordinated and organized a national workshop on “Mobile Application Development” for the Polytechnic students on March 9<sup>th</sup> at the Department of Computer Science and Engineering, P.S.R Engineering College.
3. Organized and conducted a one day workshop on “Cloud Simulation using CloudSim” on Sep’ 18<sup>th</sup> 2014 at P.S.R. Engineering College. The participants were the B.Tech-IT students of P.S.R. Engineering College.
4. Organized and conducted a three day’s workshop on “Cloud Simulation and NS2 Simulation” during 4<sup>th</sup>, 5<sup>th</sup> and 6<sup>th</sup> October’ 2013, at P.S.R Engineering College. The participants were final year U.G, P.G students, faculties and research scholars from various institutions.

5. Organized and conducted a Faculty Empowerment Programme by the resource person Mr. S. Ashokkumar, Master Trainer for WIPRO Mission 10x, for 40 faculty members at P.S.R Engineering College, during 10<sup>th</sup> to 14<sup>th</sup> June 2013.
6. Organized and conducted an **International Conference, ICTEC'2013** (March' 2012) at Sri Ramakrishna Engineering College, Coimbatore as the Head/Director-MCA.**(ISRO and DRDO sponsored)**
7. Involved in organizing the National level Technical Conference, "NCON'05 and 06' at TIFAC-CORE, Kalasalingam University, Krishnankoil.
8. Conducted a Faculty Development Programme on "Visual Programming" at Kalasalingam University.
9. Conducted a Faculty Development Program on "Computer Networks" at Kalasalingam University.
10. Given an expert lecture for the FDP on "Visual Programming" at National Engineering College, Kovilpatti and Mepco Shlenk Engineering College, Sivakasi.

• **Conferences/Workshops/FDPs attended**

1. 15th International Conference on Future Trends in Engineering and Business, at Chennai, organized by International Organization of Scientific Research and Development.
2. Attended a 7 days' workshop on "Human Computer Interaction", organized by the IEEE Section of Department of CSE, Velammal Engineering College, Chennai during 7th Nov' to 14th November 2016.
3. Attended a three days' workshop on "IoT, Cloud and Big Data" at Department of Computer Science and Engineering, CEG, Anna University Chennai, Chennai from 28<sup>th</sup> September to 30<sup>th</sup> Septemeber'2016.
4. Attended a two days' workshop on "IoT-Design, Implementation and Future Prospects" at Department of Electronics and Communication Engineering, Velammal Engineering College, Chennai on 26<sup>th</sup> and 27th August' 2016.
5. Attended a one day workshop on "Research Perspectives on LTE-A for Next Generation MIMO Mobile Networks" at Department of Electronics and Communication Engineering, Velammal Engineering College, Chennai on 26<sup>th</sup> and 29th July' 2016.
6. Attended and Participated in "International Conference on Advanced Computing-ICoAC'2013", MIT, Anna University, Chennai, Tamil Nadu, India.
7. One week workshop on Cloud Computing at Pondicherry Engineering College during March' 2012.
8. Two days workshop in "Recent Trends in Cloud Computing" at College of Engineering, Anna University, Chennai, during Dec 15<sup>th</sup> an 16<sup>th</sup> , 2012.
9. International workshop on "Cloud Computing" at MIT, Anna University, Chennai, during 2012.
10. Tutorials on "Mobile Operating Systems, United Communications and Content Delivery Networks" at the 16<sup>th</sup> IEEE conference, ICON08, during 12<sup>th</sup>-14<sup>th</sup> December 2008, organized by IIT, Roorkee at NewDelhi.
11. FDP on "Software Quality" conducted by NASSCOM at KalsalingamUniversity from 1<sup>st</sup> to 2<sup>nd</sup> August 2008.
12. Attended the FDP on "Faculty orientation Program" at College of Engineering, Anna University, Chennai,
13. Chennai, during 2005.
14. Attended the "Train the Trainers" Program during Jan-2003.
15. Attended the Training program on "Embedded Systems" organized by the Microsoft at

Bangalore, from Anna University organized by INFOSYS at Chennai from Anna University Chennai, during 2002.

16. Attended a workshop on Windows NT organized by the Department of CSE, Crescent Engineering College, Chennai during 1999.
17. Attended a workshop on “Internetworking” organized by RCC, Anna University, Chennai, during 1998.

- **Expert Lectures**

1. Delivered a session on “Mobile and Human Interaction” in the 7 days workshop on “Human Computer Interaction” organized by the Department of CSE, Velammal Engineering College, Chennai during 7<sup>th</sup> Nov’ to 14<sup>th</sup> November 2016.
2. Given expert lecture on “Big Data and Analytics” as a chief Guest for the Computer Science Association on 21<sup>th</sup> Jan’ 2016, at Sivakasi Nadars Pioneer Meenakshi Women’s College at Sivaganga road, Madurai.
3. Chaired a session on 10<sup>th</sup> April 2015 at the Second International conference On Computational Intelligence, Sethu Institute of Technology, Karia patti.
4. Given an expert lecture for a session of the FDP on “Computer Networks”, organized and conducted by the Department of CSE Ramco Institute of Technology, Rajapalayam on 20<sup>th</sup> December 2014.
5. Chaired various paper presentation sessions of conferences (2013-2015) organized by EEE, ECE, IT Departments of P.S.R. Engineering College, Sivakasi.
6. Chaired various paper presentation sessions of conferences (2011) organized by EEE, ECE, IT and MCA Departments of Kalasalingam University.
7. FDP on “Visual Programming” organized by the Department of CSE Kalasalingam University during November 2005.
8. FDP on “Computer Networks” organized by the Department of CSE, KalasalingamUniversity, 2005.
9. FDP on “Visual Programming” organized by the Department of IT, Mepco Shlenk Engineering College, Sivakasi, 2006.
10. FDP on “ Application Frame Works in Visual Programming” organized by the Department of CSE, National Engineering College, Kovilpatti, during Dec-2007.
11. S.F.RCollege for women, Sivakasi, on “Advanced trends in Network Technologies” during January 2009.
12. P.S.R Engineering college, Sivakasi, on “Advanced trends and the expectations in the IT field from the students” at Inter Collegiate Meet, KENWAY’08, organized by the Department of MCA, during Feb-2008.
13. Chaired the sessions for Image processing and Networking at the National Conference SITCON’09, organized by Sethu Institute of Technology, Kariapatti, Madurai, during 3<sup>rd</sup> and 4<sup>th</sup> April 2009.
14. Chaired a session on Networks at the National conference organized by the Department of MCA, KalasalingamUniversity, 2007.
15. Chaired a session on Networks at the National Conference organized by the Department of IT, KalsalingamUniversity,2007.
16. Chaired a session on Networks and Communications at the National Conference organized by the Department of ECE, KalsalingamUniversity, 2007.

17. Involved as an Expert member in the Faculty Induction Programs for fresh faculties at Kalasalingam University, during 2008.

**Membership in University/Institution Academic Bodies:**

1. Member, Board of Studies (UG and PG Computer Science), Madurai Kamaraj University (2000-2003)
2. Member, Board of Studies – MCA, Kumaraguru College of Technology, Coimbatore, 2010-2011.
3. Chairman, Board of Studies – MCA, Sri Ramakrishna Engineering College, Coimbatore, 2010-2011.
4. Standing Committee Member, Academic Council Member at Kalasalingam University, Krishankoil, 2011-2013.
5. Standing Committee Member, Academic Council Member, Sri Ramakrishna Engineering College, Coimbatore, during 2010-2011.
6. Chairman, Board of Studies- IT, P.S.R. Engineering College, Sivakasi (2014-2015).
7. Academic Council Member, P.S.R. Engineering College, Sivakasi (2014-2015).
8. Member, Board of Studies-CSE, P.S.R. Engineering College, Sivakasi (2013-Till Date).
9. Member, Board of Studies-Information Technology, Sethu Institute of Technology, Kariapatti. (2015-2016)