

Cellphone : 9677032001

e-Mail ID : annie@annauniv.edu

Address : #5, Rams Flats, 16, Gandhi Nagar 4th Main Road,  
Adyar Chennai 600020



## Present Position

Assistant Professor, Department of Computer Science and Engineering, College of Engineering Guindy, Anna University, Chennai from August-2006.

## Present Additional Responsibility

- Student Counsellor, Department of Computer Science and Engineering, Anna University, Chennai from September-2016.
- ATTESTING OFFICER, Office of the Controller of Examinations, Anna University, Chennai from November-2015.

## Previous Positions

- Lecturer, Department of Computer Science and Engineering, College of Engineering Guindy, Anna University, Chennai from August-2006.

## Previous Additional Responsibility

- Member, ADDITIONAL CONTROLLER OF EXAMINATION, Anna University, Chennai during March-2015 and July-2015.

## Other Employment

- Lecturer, Easwari Engineering College for 2 years.
- Software Programmer, OOPS LAB for 1 year.
- Lecturer, RC St Xaviers College of Engineering for 1 year.

## Degree

- ❖ M.E. in COMPUTER SCIENCE ENGINEERING , College of Engineering, Guindy, Chennai, Anna University (2003 - 2005).
- ❖ B.E. in COMPUTER SCIENCE ENGINEERING , CSI Institute of Technology, Manonmaniam Sundaranar University (1995 - 1999).

## Research Degree

- ❖ Ph.D. in Multimedia Networks and systems from Faculty of Information and Communication, CEG, Anna University (2007 - 2014).  
Title: VIPV: AN EFFECTIVE STREAMING SYSTEM FOR VCR INTERACTIVITY IN PEER-TO-PEER VIDEO-ON-DEMAND SYSTEMS.

## Area of Specialisation

- Multimedia and Communication, Security, Data Mining and Analytics

## Membership in Professional Organization

- IEICE Member
- ACM
- IAENG

## Research Guidance

Number of M.E./ M.Tech. Projects : 21  
Guided  
Number of M.E./ M.Tech. Projects : 3  
Guiding

## Papers Published in Journals

Research Papers Published in International Journals : 10  
Research Papers Published in National Journals : 3

1. Arockia Xavier Annie, R and T.K.S. Lakshmipriya, "Providing Efficient VCR Controls in MPEG Streaming for a Peer-to-Peer Environment", Proceedings of First National Conference on High Performance Computing, Vol. 1, Issue 1, pp. 31-36 (2005).
2. Prema Rajeswari, L., Arockia Xavier Annie, R. and Kannan, "Enhanced intrusion detection techniques for mobile ad hoc networks", Proc. in IEEE International Conference on Information and Communication Technology in Electrical Sciences (ICTES 2007), published by IEEE . pp. 1008 - 1013 (2007).
3. Arockia Xavier Annie R. and Yogesh P, "Effective Scheduling and Efficient Tree Mechanism for Video Streams in Peer to Peer Networks", Proc. Advanced Pattern Mining and Multimedia Computing, published by APMMC. pp. 243-247 (2010).

4. Arockia Xavier Annie, R. and Yogesh, P, "Video on Demand System: Providing Effective Peer-to-Peer Environment for an Improved VCR Operative Solutions", Communications in Computer and Information Science, published by Springer. Vol. 106, Issue 2, pp. 127-134 (2010).
5. Arockia Xavier Annie, R, Vanitha Sheba, M & Yogesh, P, " Enhanced Link based Congestion Control (ELCC) in Peer-to-Peer (P2P) based Video on Demand (VoD) System", International Journal of Computer Applications (IJCA), published by IJCA. Vol. 36, Issue 1, pp. 4455-6238 (2011).
6. Jeyapriyamvadha, S P, Arockia Xavier Annie, R & Yogesh, " Optimized Image Retrieval System Using Multiple Threads", ICTACT Journal on Image and Video Processing, published by ICTACT. Vol. 2, Issue 4, pp. 417- 422 (2012).
7. Datchayani, M, Arockia Xavier Annie, R, Yogesh, P & Benet Zacharias, " Test Case Generation and Reusing Test Cases for GUI Designed with HTML", Journal of Software, published by Academic Publications. Vol. 7, Issue 10, pp. 2269- 2277 (2012).
8. Majidha Fathima, KM, Arockia Xavier Annie, R & Yogesh P, " Adaptive Quality Driven Routing Algorithms for Peer-to-Peer Video Streaming", European Journal of Scientific Research, Vol. 77, Issue 1, pp. 107- 119 (2012).
9. Arockia Xavier Annie, R, Pradeepthi, KV & Yogesh, "Video Streaming in Peer-to-Peer Networks using Network Coding renders Efficient VCR operations", Journal of Computer Science, published by The Science Publications. Vol. 8, Issue 10, pp. 1635-1643 (2012).
10. Arockia Xavier Annie, R, Yogesh, P & Kannan, "Enhancing Scalability in On-Demand Video Streaming Services for P2P Systems", Advances in Multimedia, published by Hindawi Publications. Vol. 109619, Issue 1, pp. 1-18 (2012).
11. Arockia Xavier Annie R. Anitha M. and Yogesh P, " Multisession Video Packet Scheduling", Recent Advances in Intelligent Informatics, published by Springer. pp. 31-39 (2014).
12. Arockia Xavier Annie, R, & Yogesh, "Effective VCR operations using efficient tree mechanism and scheduling for video streams in peer to peer networks", Int. J. Communication Networks and Distributed Systems, published by InderScience Publications. Vol. 13, Issue 1, pp. 106-117 (2014).
13. 6. Arockia Xavier Annie R, Vignesh Mohan and Sree Harissh Venu., " Sentiment Analysis Applied To Airline Feedback To Boost Customer's Endearment", Proceedings MIST, Vol. 1, Issue 1, pp. 155-169 (2015).

## Papers Presented in Programmes

Research Papers Presented in International Programmes	: 3
Research Papers Presented in National Programmes	: 2

1. on Providing Efficient VCR Controls in MPEG Streaming for a Peer-to-Peer Environment.

2. 3. Prema Rajeswari, L., Arockia Xavier Annie, R. and Kannan, A. , "Enhanced intrusion detection techniques for mobile ad hoc networks" presented in a International level conference on Enhanced intrusion detection techniques for mobile ad hoc networks and Communication Technology in Electrical Sciences, organised by MIT Anna University, India from 20-Jul-2007 to 24-Jul-2007.
3. Prema Rajeswari, L, Arockia Xavier Annie, R & Kannan, A, "Effective Scheduling and Efficient Tree Mechanism for Video Streams in Peer to Peer Networks" presented in a National level conference on Advanced Pattern Mining and Multimedia Computing, organised by NIT Trichy, India from 25-Feb-2010 to 26-Feb-2010.
4. "VoD System: Providing Effective Peer-to-Peer Environment for an Improved VCR Operative Solutions" presented in a International level conference on International Conference on Information Computing and Applications (ICICA 2010), organised by Tangshan, China from 15-Oct-2011 to 18-Oct-2011.
5. 6. Arockia Xavier Annie R, Vignesh Mohan and Sree Harissh Venu, "Sentiment Analysis Applied To Airline Feedback To Boost Customer's Endearment" presented in a International level conference on Multidisciplinary Innovation for Sustainability and Growth MIST, organised by Multidisciplinary Innovation for Sustainability and Growth. , Malaysia from 02-Jun-2015 to 03-Jun-2015.

### Programme Organized

1. Co-ordinator, National level Short Course on "Internet Programming" from 15-Jun-2009 to 21-Jun-2009.
2. Co-ordinator, National level Short Course on "ADVANCES IN IMAGE PROCESSING AND ITS APPLICATIONS" from 24-Jan-2014 to 25-Jan-2014.
3. Coordinator, National level workshop on "Big Data and Mining and Search " from 03-Dec-2014 to 05-Dec-2014.
4. Delivered Lecture, National level Short Course on "Programming and Data Structures" from 08-Jun-2015 to 15-Jun-2015.
5. Co-organizer, National level workshop on "Workshop on Next Generation Networks and Data Security" from 19-Jan-2016 to 22-Jan-2016.
6. Delivered Lecture, National level Short Course on "Data Analytics" from 12-Aug-2016 to 13-Aug-2016.
7. Delivered 12 Lectures, National level Short Course on "Edusat Course on Compiler Design" from 27-Jan-2017 to 28-Apr-2017.
8. Coordinator, National level workshop on "Virtual and Augmented Reality" from 27-Feb-2017 to 28-Feb-2017.

### Programme Attended

1. Participated in a National level workshop on "Training the Trainer" organized by XANSA India Ltd. Chennai, India from 08-Dec-2006 to 09-Dec-2006.
2. Participated in a National level workshop on "Cyber Crime and Security Management" organized by RCC, CEG, Anna University, Ch-25, India from 27-Apr-2007 to 28-Apr-2007.
3. Participated in a National level workshop on "C# and .NET Framework" organized by DCSE, CEG, Anna University, Ch-25, India from 16-Aug-2007 to 18-Aug-2007.
4. Participated in a National level workshop on "Smart and Secure Environment" organized by DCSE, CEG, Anna University, Ch-25, India from 21-Dec-2007 to 22-Dec-2007.
5. Attended a National level Short Course on "Computer Networks" organized by RCC, CEG, Anna University, Ch-25, India from 18-Feb-2008 to 29-Feb-2008.
6. Attended a National level Short Course on "Graphics and Multimedia" organized by DCSE, CEG, Anna University, Ch-25, India from 01-Dec-2008 to 08-Dec-2008.
7. Attended a National level Short Course on "Modern Teaching Methods" organized by NITTTR, Chennai, India from 22-Jun-2009 to 26-Jun-2009.
8. Participated in a National level workshop on "Distributed Service Models" organized by DIST, CEG, Anna University, Ch-25, India from 14-Oct-2010 to 15-Oct-2010.
9. Attended a National level Short Course on "Mobile and Pervasive Computing" organized by DCSE, CEG, Anna University, Ch-25, India from 30-May-2011 to 05-Jun-2011.
10. Participated in a National level workshop on "Advanced Topics in Theoretical Computer Science" organized by DCSE, CEG, Anna University, Chennai-25., India from 16-Nov-2012 to 18-Nov-2012.
11. Attended a National level Short Course on "Operating Systems" organized by DCSE, CEG, Anna University, Ch-25, India from 09-Dec-2013 to 15-Dec-2013.
12. Participated in a National level workshop on "Data Structures, Error Handling and OOPS" organized by CTS, Chennai, India from 17-Dec-2014 to 17-Dec-2014.
13. Attended a National level Short Course on "Design and Analysis of Algorithms" organized by DCSE, CEG, Anna University, Ch-25, India from 25-Nov-2015 to 01-Dec-2015.
14. Participated in a National level workshop on "Change Management and Capacity Building" organized by CEG, Anna University, Ch-25, India from 23-Feb-2016 to 23-Feb-2016.
15. Participated in a National level workshop on "Intellectual Property Rights" organized by CIPR, CEG, Anna University, Ch-25, India from 26-Apr-2016 to 26-Apr-2016.
16. Participated in a National level workshop on "Web Application Security" organized by IITM, Chennai, India from 24-Aug-2016 to 26-Aug-2016.
17. Attended a National level Short Course on "Artificial Intelligence" organized by DCSE, CEG, Anna University, Ch-25, India from 05-Dec-2016 to 11-Jun-2017.

18. Participated in a National level workshop on "Virtual and Augmented Reality" organized by DCSE, CEG, Anna University, Chennai-25., India from 27-Feb-2017 to 28-Feb-2017.
19. Participated in a National level workshop on "Virtualization: Models, Services, Standards and Applications" organized by DCSE, CEG, Anna University, Ch-25, India from 10-Mar-2017 to 11-Mar-2017.
20. Attended a National level Short Course on "CRYPTOGRAPHY" organized by SERC, IISc, Bangalore., India from 29-May-2017 to 02-Jun-2017.

## Honours

1. "The Great Mind Challenge Award" given by IBM TGMC from India (2010).
2. "The Great Mind Challenge Award - Drona Award" given by IBM TGMC from India (2011).
3. "Best Paper Award" given by Global Illuminators from Malaysia (2015).
4. "Best Project under 'National Level' category in stream -Computer Science and Engineering." given by International Society for Scientific Research and Development (ISSRD) from India (2017).

## Invited Lectures

1. Delivered a Lecture on "C++" in Workshop on C++ organized by RMK Engineering College, Chennai (16-Jul-2011).
2. Delivered a Lecture on "Data Structures and OOPS Concepts" in FDP on PDS organized by CEG Anna University, Chennai (12-Nov-2014).
3. Delivered a Lecture on "C++" in Workshop on C++ organized by Apollo Engineering College, Chennai (16-Jul-2015).
4. Delivered a Lecture on "Algorithms Greedy Techniques" in FDP on Analysis if Algorithms organized by CEG Anna University, Chennai (28-Nov-2015).
5. Delivered a Lecture on "Data Analytics " in Expert Talk organized by Apollo Engineering College, Sriperumbudur (19-Aug-2016).