Faculty Name: Ms.P.ANANTHA PRABHA

Educational Qualification:

Degree	Branch	Institution	Year
B.E.,	BE (ECE)	VLB Janakiammal College of Engineering and Technology, Coimbatore	1998-2001
M.E.,	ME(CSE)	VLB Janakiammal College of Engineering and Technology, Coimbatore	2006-2008
PhD	Ph.D.,	Anna University, Chennai.	Pursuing

Experience:

Period	No. of. Years	Designation/Nature of job	Institution/Organization
2001-2004	3	Lecturer	VLB Janakiammal Polytechnic College
2004-2006	2	Lecturer	Coimbatore Institute of Engineering and Technology
2008-2014	6	Assistant Professor	Sri Krishna College of Technology
2014-till	4 yrs and till date	Associate Professor	Sri Krishna college of Technology

Area of Specialization: IoT, Data Analytics

FDP/ Workshops/Seminars Attended:

1. Attended a Two Day National Level Workshop on "Recent Trends in Wireless Computing & Research" at VLB Janakiammal College of Engineering & Technology during 09 -10, December 2006

2. Attended a Workshop on "Multimedia & its Applications" at VLB Janakiammal College of Engineering & Technology on February 16th 2009

3. Attended a CSIR Sponsored Two Day National Level Workshop on "Issues and Challenges in WiMax Networks" at VLB Janakiammal College of Engineering & Technology during 6-7 August 2009

4. Attended a DRDO Sponsored Two Day National Level Workshop on "Evolutionary Web Services with service oriented Software Engineering" at VLB Janakiammal College of Engineering & Technology during 30th September and October 1st 2009

5. Attended a CSIR Sponsored Two Day National Level Workshop on "Research directions in Virtualisation" at VLB Janakiammal College of Engineering & Technology during 20-21 November 2009

6. Attended a AICTE Sponsored Staff Development program on IPv6 Migration and Co-existence at Sri Krishna College of Engineering and Technology during 17-29 May 2010.

7. Attended a Pre-Conference tutorial on Research and Latest trends in Mobile computing" at Sri Krishna College of Engineering and Technology on 8th July 2010.

8. Attended PSG – IBM Collaborative Workshop on Parallel Architectures and Programming in HPC at PSG College of Technology, Coimbatore during 11.08.2011 to 14.08.2011

9. Attended a Seminar on "Research Directives" at Sri Krishna College of Engineering and Technology on 5th December 2011

10. Attended a Two day Workshop on "Cloud Computing in Educational Institutions" Sri Krishna College of Technology 23ed & 24th September, 2011

11. Attended a one day Workshop on "Green Computing in Cloud" at Sri Krishna College of Technology ,on 28th September, 2012

12. Attended a P.S.G A.C.M Workshop on Distributed System – Research Challenges (Cloud and Grid Stream) at P.S.G College of Technology, Coimbatore from 3.5.2012 to 6.5.2012

13. Attended a two days workshop on Hands on Training on "IoT Based System Design using NI platform" organized by CPDT, at Sri Krishna College of Engineering and Technology on 13th &14th August 2015

14. Attended a Guest Lecture on "Smart Education" - Mr.Scott Smith, Senior Director, McGraw Hill Education, organized by CPDT at Sri Krishna College of Engineering and Technology on 09.09.2015,

15. Attended a Special Lecture on "Intellectual Property Rights and How to convert Projects into Patents" at Sri Krishna College of Technology on 05.11.2015.

16. Attended a AICTE sponsored Quality improvement program(Short Term Course) on Recent Trends and Research Challenges in Big Data Analytics during 03.02.2016 to 09.02.2016 at Coimbatore Institute of Technology, Coimbatore.

17. Attended a ICTACT's FDP on Vmware's Data Centre Virtualization Fundamentals at Sona College of Technology, Salem during 30.05.2016 to 01.06.2016

18. Attended a ICTACT's FDP on Vmware's Data Centre Virtualization Fundamentals at Sri Krishna College of Technology, during 26-27, August 2016

19. Attended a one day workshop on "Data Modeling and Visualization Tool Tableau" at Sri Krishna College of Technology, on 10th September 2016.

20. Attended a one day workshop on "Using Modern Development Tools to simplify Code Development in Linux Environment" at 25th November 2016

21. Attended a "DBT Sponsored National Seminar on Smart Farm: Improving Agriculture Sustainability Using Environmental Conditions: Big Data Management and Cloud Computing Analytics on 31 March and 01st April 2017

22. Attended a Workshop on Statistical Techniques in Data Analytics on August 17-19, 2017 in Department of Mathematics, Amrita Vishwa Vidyapeetham, Ettimadai, Coimbatore.

23. Attended a One day workshop on "Writing Research Paper in Latex" on on 9th October 2017 at Karunya University

24. Participated in Qlik Partner Day program at CTS, Coimbatore on 27.09.2017

25. Attended a five days FDP on "Data Science and Big Data Analytics" orgainsed by ICT Academy of Tamil nadu at Sri Krishna College of Technology from 18.12.2017 to 23.12.2017

26. Attended a Six days FDP on "Machine Learning Techniques for Next Generation Smart System" orgainsed by at Sri Krishna College of Technology from 18.06.2018 to 23.06.2018

Events Organized:

1. Organised a Worshop on "Programming on Linux with C and Eclipse" on 09.09.2017

2. Organised a Guest Lecture on "Meeting industry expectations" on 09.09.2017

3. Organised a Placement Motivational Talk by our Alumni On 18.07.2017 to our III CSE Students

4. Organised a workshop on "Data Analytics" on 10th March 2017.

5. Organised a Guest Lecture on "IoT and Its Applications on 23rd January 2017

6. Organized a one day workshop on "Using Modern Development Tools to simplify Code Development in Linux Environment" at 25th November 2016

7. Organized a one day workshop on "Data Modeling and Visualization Tool Tableau" at Sri Krishna College of Technology, on 10th September 2016.

8. Organized a ICTACT's FDP on Vmware's Data Centre Virtualization Fundamentals at Sri Krishna College of Technology, during 26-27, August 2016

9. Organised a one day Experiential Workshop on "Joy of Learning" at Sri Krishna College of Technology, on 23rd July 2016.

10. Organized a Seminar on "EnterpriseOne ERP" and a Special Lecture on "Effective Interview" on 19.02.16

11. Organized a Workshop on "Cloud Computing cum Championship" at Sri krishna college of technology on 27.07.15 & 29.07.15.

12. Organized a special Lecture on "Meeting Industry Expectations" at Sri krishna college of technology on 12.09.2015.

13. Organized a Workshop on "Ruby on Rails" at Sri Krishna college of Technology on 18.09.2015.

14. Organized a seminar on "Contribution to Open Source" at Sri Krishna college of Technology on August 23rd, 2014.

15. Organized a Guest Lecture on "Approaching Industry Expectations" at Sri Krishna college of technology on August 23rd, 2014.

16. Organized a CSIR Sponsored One Day National Level Seminar on "Image Mining for Remote Sensing Applications" at Sri Krishna College of Technology on 13th July 2012.

17. Organized a CSIR Sponsored Two Day National Level Workshop on "Internet Engineering and Web Services" at VLB Janakiammal College of Engineering & Technology during 29-30 July 2010.

18. Organized a CSIR Sponsored Two Day National Level Workshop on "Issues and Challenges in WiMax Networks" at VLB Janakiammal College of Engineering & Technology during 6-7 August 2009.

19. Organized a Workshop on "Multimedia & its Applications" at VLB Janakiammal College of Engineering & Technology on February 16th 2009.

20. Organized a Seminar on "Computational Intelligence and Image Processing" at VLB Janakiammal College of Engineering & Technology on February 20th, 2009.

21. Organized a Seminar on "Routing Issues in Wired & Wireless Networks" at VLB Janakiammal College of Engineering & Technology on March 5th ,2009

22. Organized a seminar on ".NET and SDLC" at VLB Janakiammal College of Engineering & Technology on March 12th, 2009

23. Organized a Seminar on "Routing Issues in Wired & Wireless Networks" at VLB Janakiammal College of Engineering & Technology on March 5th ,2009

24. Organized a seminar on ".NET and SDLC" at VLB Janakiammal College of Engineering & Technology on March 12th, 2009

International Journal:

1. Smirthiga, TP Simi, P. Sowmiya, C. Vimala, and Mrs P. Anantha Prabha. "An Efficient Dynamic Slot Allocation Based On Fairness Consideration for MAPREDUCE Clusters.", *International Journal of Computer Science Trends and Technology (IJCST)*, Volume 5 Issue 2, Mar–Apr 2017

2. Alagesan, Saranya, and Mrs P. Anatha Prabha. "Data Integrity Preserved Data Aggregation Technique over Smart grid Communication System." *International Journal of Engineering and Applied Sciences*, ISSN: 2394-3661, Volume-2, Issue-11, November 2015

3. Radhini, M. P., P. Anantha Prabha, and P. Parthasarathi. "Distributed Attribute based Encryption for Secure Sharing of Personal Medical Records in Cloud." *International Journal of Science, Engineering and Technology Research (IJSETR)*, Volume 3, Issue 5, May 2014.

4. Vinod, Mr R., Mr S. Pradeep, Mr V. Vignesh, P. Tamije Selvy, and Ms P. Anantha Prabha. "Multiple causal window based reversible data embedding." *International Journal of Information* 2, Vol.2, No.3, May 2012, ISSN : 2249-1139 [Online]; 2319 - 409X [Print].

5. Rubini, Ms R. Gnana, P. Tamije Selvy, and P. Anantha Prabha. "Performance analysis of fingerprinting extraction algorithm in video copy detection system." *International Journal of Computer Science, Engineering and Information Technology* 2, no. 1 (2012): 45-55.

6. Rubini, Ms R. Gnana, P. Tamije Selvy, and P. Anantha Prabha. "Inverted file based search technique for video copy retrieval", *International Journal on Computational Science & Applications(IJCSA)*, Vo2, No.1, February 2012 ,ISSN: 2200-0011

International / National Conferences:

International Conferences

1. P.Anantha Prabha-(2008)-" Enhancing the Internet Access through Proxies using Anycasting in Mobile Networks"- International Conference on Communication, Convergence and Broadband Networking(ICCBN 2008)/ Indian Institute of Science, Bangalore/17-18 July 2008.

2. P.Anantha Prabha-(2007)-" Delivering QoS in Multimedia Proxy Handoff using Anycast/ Multicast in IPv6 Mobile Networks" ,International Conference on Sensors and Related Networks(SENNET '07) at VIT University, Vellore./ 12-15 Dec 2007

National Conferences

1. P.Anantha Prabha(2017), A Proficient Aggregate keyword hunt scheme using MUSTKASE, National Conference on Recent Advances in Computing-NCRAC – 2017,SKCET, 24.03.2017

2. P.Anantha Prabha(2014) "Secure Sharing of Medical Records using Distributed Attribute Based Encryption in Cloud", - National Conference on Knowledge based Scientific Research and Communication Engineering at KSR College of Engineering, Tiruchengode.

3. P.Anantha Prabha-(2012) "Video Copy Detection System Using Spatio-Temporal Fingerprinting"- National Conference on Computing, Communication and Information Systems(NCCCIS-2012), SKCET,CBE during 10th & 11th February 2012.

4. P.Anantha Prabha-(2012) "Detection of Video Copy Using Fingerprint Extraction" - National Conference On Innovations In Information Technology 2012(NCIIT 2012), Bit, Sathy. 24th and 25th February 2012.

5. P.Anantha Prabha-(2012) "Recognition of Tantamount Video Using Fingerprint Algorithm – National Conference on "Recent Advances in Computer Vision and Information Technology" (NCVIT 2012), GCT, CBE. 12th March 2012.

6. P.Anantha Prabha-(2012) "Enhanced Visual Cryptography Scheme for Secret Sharing"- National Conference on Recent Advances in Computing (NCRAC-2012), Dept of Computer Applications, SKCET,CBE. 16 th & 17th March 2012.

7. P.Anantha Prabha-(2012) "Recursive Visual Cryptography for Secret Sharing"- National Conference on Computing, Communication and Information Systems(NCCCIS-2012), Dept of Information Technology, SKCET,CBE. 10 th & 11th February 2012.

8. Generating Pseudonym and Credential for Initialization of Anonymizing Networks – National Conference on "Recent Advances in Computer Vision and Information Technology" (NCVIT 2012), GCT, CBE. 12th March 2012

9. P.Anantha Prabha-(2011)-" Securing the network using advanced hybrid peer to peer botnet mechanism"-National conference on Computing, Communication and Information Systems(NCCCIS 2011), SKCET,CBE,Feb 11-12,2011.

10. P.Anantha Prabha-(2011)-" Securing the network using advanced hybrid peer to peer botnet mechanism"- National Conference on Innovations in Information Technology(NCIIT 2011) BIT,SATHYAMANGALAM,Feb 24-25, 2011.

11. P.Anantha Prabha-(2011)-" Contour matching and Image retrieval using Polygonal method for shape identification", National Conference on Innovations in Information Technology(NCIIT 2011) BIT,SATHYAMANGALAM, Feb 24-25, 2011

12. P.Anantha Prabha-(2011)-" Shape Based Image Retrieval using Polygonal Method for the Identification of shape contour"- National Conference on Recent Advances in Computer Vision & Information Technology(NCVIT 2011)(Pg 322-325)GCT,CBE,Mar 7,2011

13. P.Anantha Prabha-(2008)-"Transcoding Enabled Multimedia Proxy Handoff Using Anycast/Multicast in Mobile Networks"- National Conference on Advanced Computing and Applications NCACA '08/ PSG Tech/Jan 4th & 5th 2008.

14. P.Anantha Prabha-(2008)-"Enhancing the internet Access through Proxies using Anycasting in IPv6 Mobile Networks"- RTICT 2008/Banaari Amman College of Engineering and Technology/May 17-18 2008

Funded/Consultancy Projects: NIL

Patent:

Filed - Mileage Monitoring Device for Vehicles

Guest Lectures Delivered: NIL

Certifications:

Completed a certification on "Data Centre Virtualisation Fundamentals" conducted by Vmware on 01.06.2016

Industrial Connect Activities:

S.No	Industry Experts	Purpose
1.	Mr. V. Senthil Kumar, Sr. Research Architect, TCS Research Innovation Labs, Bangalore.	• BOS Member • Feedback on Curriculum • Resource Person for the Workshop • Project Guidance • Industry Expert – Smart India Hackathon 2018
2.	Mr.S.Ragavendra Ganesh Technical Member of Staff Vmware India, Bangalore	• Feedback on Curriculum • Seminar on "Computer Hardware and Networking
3.	Mr. Uthra Kumar Lead Engineer, Target Corporation, USA.	• Guest Lecture on "Industrial standards and some of the key exceptions from software industry for recruitment" on 27th October 2016
4.	Mr.P.Maran Technical Lead, Cavium Networks, Bangalore	• Workshop on "Using Modern Development Tools to simplify Code Development in Linux Environment" at 25th November 2016
5.	Mr.B.Ashok(2007-11 Batch) Oracle India Bangalore	• Seminar on "EnterpriseOne ERP" on 19.02.2016 • Special Lecture on "Effective Interview" on 19.02.16

Online courses completed:

o Completed a online course on "Virtualisation for Beginners" conducted by Vmware on 19.01.2017

Membership In Any Professional Body / Institute / Society Others
• Life Member - ISTE