Dr. C. Shoba Bindu
M.Tech., Ph.D

Professor and Coordinator SDC, Department of CSE
Jawaharlal Nehru Technological University Anantapur
Anantapuram – 515 002, Andhra Pradesh, India

Bio-data

Name	:	Dr. C. Shoba Bindu
Parents	:	Mr. C. Pratap Chandra Reddy & Mrs. C. Reddamma
Official Address	:	Professor, Computer Science & Engineering Department, JNTUA College of Engineering, Anantapuramu Ph.No: 8143289089
Residential Address	:	Flat. No. 402, PAR Homes, II cross, Aravinda Nagar, Anantapuramu – 515002 08554-240626
E-mail	:	shobabindhu@gmail.com shobabindhu.cse@jntua.ac.in
Nationality	:	Indian
Religion	:	Hindu
Date of Birth & Place of Birth	:	01/07/1976

Educational Qualifications:

S. No.	Qualification	University/Institution	Specialization	Year of award
1.	Ph. D	JNTU, Anantapur	Computer Science & Engineering	2010
2.	M.Tech	JNT University, Hyderabad/ JNTU College of Engg., Anantapur	Computer Science	2002
3.	B.Tech	JNT University, Hyderabad/ JNTU College of Engg., Anantapur	Electronics & Communication Engg.	1997

Details of Doctoral thesis:

Area	:	Network Security
Title	:	"Design and Analysis of Efficient Password based Remote User Authentication Techniques"

Supervisor : Dr. P. Chandra Sekhar Reddy

Year of award of Ph.D : 2010

Professional Experience :

S.No.	Institution/Organization	Position held	Duration
1	JNTU College of Engg. Anantapur	Coordinator, Software Development Center	Jan 2018 - Till date
2	JNTU College of Engg. Anantapur	Professor Dept of CSE	Nov 2015 - Till date
3	JNTU College of Engg. Anantapur	Associate Professor Dept of CSE	Nov 2009 - Nov 2015
4.	JNTU College of Engg. Anantapur	Assistant Professor Dept of CSE	May 2003 - Nov 2009
5	Intell Engineering College, Anantapur	Assistant Professor Dept of CSE	Nov 1999 - May 2003
6	Streamsoft Private Ltd	Software Engineer	Mar 1998 - Nov 1999

Administrative Experience :

S.No.	Administrative Post held	Duration
1.	Coordinator Software Development Centre, JNTUA Anantapuramu	Jan 2018 to Till Date
2.	Chairman Research Review Committee, JNTUA Anantapuramu	Jan 2017 to Till Date
3.	Coordinator MSIT, JNTUA, Anantapuramu	Feb 2016 to Till Date
4.	Nodal Officer, NMEICT, JNTUA Anantapur	Dec 2012 to Till Date
5.	Coordinator of Spoken Tutorial Resource Centre & Nodal Officer - JNTUA Spoken Tutorial Implementation Team, JNTUACEA	July 2014-Till Date
6.	Head, Computer Science & Engineering, JNTUA Anantapur	2012 – 2015
7.	Officer- In-charge of Entrepreneur Development cell, JNTUACEA	2012 – 2013
8.	Officer-In-charge of Academic Section, JNTUACEA	2009 – 2011

Teaching Experience: 20 + years for UG & PG students

Subjects Taught:

Undergraduate courses	Post graduate courses
❖ Real Time Systems ❖ Information Security ❖ Network Security ❖ Network Security & Cryptography ❖ Computer Networks Lab ❖ Embedded Systems ❖ Computer Organization ❖ Computer Networks ❖ CN & OS lab ❖ C programming & Data Structures ❖ Internetworking with TCP/IP ❖ Linux Programming & UML Lab	❖ Network Security ❖ Unix Internals ❖ Software Metrics ❖ UNIX and UML Lab ❖ Operating Systems ❖ Case Tools lab ❖ Programming in JAVA Lab ❖ Distributed Operating Systems ❖ High Speed Computer Networks ❖ Middleware Technologies ❖ Secure Software Engineering ❖ Software Metrics and Reuse ❖ Modern Operating System ❖ Internetworking with TCP/IP ❖ Information Security ❖ Operating Systems Lab

Invited/Guest lectures/Key note:

❖ More than 25 invited, guest lectures and Keynotes are delivered in reputed institutions in the areas of Network Security, Web Security, Cyber Security, Information Security, Cloud Computing, Operating Systems, Data Structures etc.

Chairing Technical Sessions/Resource Person attended:

1. Acted as "Chairperson & jury member" on One day national level technical symposium Photon'11, 26th March 2011, organized by Madanapalle Institute of Technology & Science, Madanapalle.

2. Acted as "Technical Chair" on National level technical symposium Technolect-2011, 5th March 2011, organized by Intell Engineering College, Anantapur.

3. Acted as "Adjudicator" on National level technical student symposium Pragna-2010, 29th& 30th March 2011, organized by Moula Ali College of Engineering & Technology, Madanapalle.

4. Acted as "Session Chair" on International Conference on Emerging Trends in Electrical, Communication and Information Technologies, ICECIT-2012,21-23 Dec 2012, organized by SRIT, Ananthapuramu.

5. Acted as "Judge" on National level Technical Symposium (MITS-2K13) on 8th Feb 2013, organized by MITS, Madanapalle.
6. Acted as "Judge" on National Level Technical Symposium FUZON-14, 18th Oct 2014, organized by SKU College of Engineering & Technology, Ananthapuramu
7. Acted as "Judge" on State Level Technical Symposium PHREAK-2K14, 30th October 2014, organized by Sri Venketasewara Institute of Engineering & Technology, Ananthapuramu.
8. Acted as "Session Chair" on AICTE Sponsored National Conference on Advanced Computing, 30th Jan 2014, organized by AITS, Rajampeta.
9. Acted as "Session Chair" on 3rd National Conference on "Computer Networks & Information Security" (NCCNIS 2014) sponsored by AICTE under Seminar Grant, from 4 - 5 March, 2014, organized by Vasavi College of Engineering, Hyderabad.
10. Acted as "Session Chair" on National Conference on Recent Innovations in Computer Networks, August 21- 22, 2015,organized by JNTUA College of Engineering, Ananthapuramu.
11. Acted as "Session Chair" on 2nd International Conference on Emerging Trends in Electrical, Communication and Information Technologies -2015, SRIT, Ananthapuramu.
12. Acted as "Judge" for University level NSS Youth Festival at JNTUA on Jan 29th 2016.
13. Acted as "Judge" for National Level technical Symposium "SHODHANA 2K16" at Gates Institute of Technology, Feb 27th 2016.
14. Acted as a Session chair for 5th National Conference on "Computer Networks & Information Security" (NCCNIS 2016) under TEQIP-II, from 6 - 7 April, 2016, organized by Vasavi College of Engineering, Hyderabad
15. Acted as a Judge for PIXEL-2K16, three day National Level Technical Symposium, at JNTUA College of Engineering, Ananthapuramu, 19th – 21st March 2016
16. Acted as a Judge for SIGMA-2K16 , 9th National level Studemts Technical Fest, at Santhiram Engineering College, Nandhyal on 28/09/2016.
17. Acted as a session chair for 1st International Conference on Computational Intelligence and Informatics (ICCII 2016), JNTUH College of Engineering, Hyderabad, Telangana, 28-30 May 2016.
18. Acted as a Session chair for Second International conference on Cognitive Science and Artificial Intelligence (ICCSAI-2018), Sree Vidhyanikethan Engineering College, Tirupati, 4-5 Jan 2018
19. Acted as "Session Chair" on 3nd International Conference on Emerging Trends in Electrical, Communication and Information Technologies (ICECIT-2018), SRIT, Ananthapuramu, 20-22 Dec, 2018

Consultancy and Sponsored Projects:

1. Completed AICTE RPS project titled "Secure and Usable Authentication to common people in secure systems" Grant Amount: Rs. 10,00,000/-
2. Received an amount of Rs. 40000/- for organizing a National Seminar on "Recent Trends in Networking & Security" in JNTUCEA, Anantapuramu during 15th -16th November 2013, from APSCHE (A.P State Council of Higher Education) as Convener.
3. Ongoing UGC- Minor Research Project titled " A Model for dynamic data verification integrity in Cloud", August 2017, Grant Amount: Rs. 90000/-,
4. Honorary Consultant for NorthAlley (India) Private Limited, Hitech City, Hyderabad.
5. Honorary Consultant for RightLink Technologies Private Limited, Hitech City, Hyderabad.

Patents:

1. "Monitoring Tool for Mistake Proofing Quality Software", IP India Patent, Application No. 2007/CHE/2015 A, The Patent Office Journal, Issue No. 19/2015, pp. 33133, May 8, 2015 – Under Examination.
2. "A Method and a System for Enabling Secured Access To Data", IP India Patent, Application No. 201841029964 A, The Patent Office Journal No. 33/2018 Dated 17/08/2018 pp. 31007
3. "Certificateless Remote Data Integrity Checking in Cloud Storage Using Lattices", IP India Patent, Application No. 201841042685, The Patent Office Journal No. 47/2018 Dated 23/11/2018 pp. 44338

Research Experience and Guidance provided:

Total research experience   :   15+ years

❖ Guided 50+ Undergraduate projects, 50+ M.C.A students and 130+ Postgraduate theses.
❖ 12 Ph.D.'s are completed, presently supervising 08 Research scholars for their Ph. D.

Number of Research publications:

International Journals	:	114
National Journals	:	05
International Conferences	:	65
National Conferences	:	18

Performance Indices of Publications :   (as on 05th March, 2019)

Total Citations	:	260
h -Index .	:	07
i-10 Index	:	04

Text Books / Monographs Authored:

1. Dr. C. Shoba Bindu, Mr. P. Dileep Kumar Reddy, Mr. K. Sekhar, "Programming in C and Data Structures", Published by: LAP LAMBERT Academic Publishers,2014, ISBN-13: 978-3659566288, ISBN-10: 3659566284.

2. Dr. K. Madhavi , Dr. C. Shoba Bindu, "Proceedings National Conference on Recent innovation in Computer Networks" Published by : BS Publications,2015, ISBN: 978-93-83635-90-0.

3. C. Shoba Bindu, P. Dileep Kumar Reddy, K. Dhana Sree Devi, "Programming in JAVA", Published by: LAP LAMBERT Academic Publishers,2017, ISBN-13: 978-3-330-08126-0

4. Dr. Nageswara Rao Sirisala, Dr. C. Shoba Bindu, "Mobile Adhoc Networks: A Research Perspective" Published by: LAMBERT Academic Publishers,2018, ISBN: 978-613-8-33389-0

5. Gurram Vijay Kumar, C. Shoba Bindu, "Access point selection Algorithms for Wireless Mesh Networks", Published by: LAP LAMBERT Academic Publishers,2018, ISBN-13: 978-613-4-95181-4

6. C. Shoba Bindu, "Linux Programming", Published by: LAP LAMBERT Academic Publishers, 2018, ISBN:978-613-9-88126-0

7. K.K.Baseer, A.Rama Mohan Reddy,C.Shoba Bindu, "FUZZY and POKA-YOKE in SDLC". Published by: LAP LAMBERT Academic Publishers, 2018, ISBN:978-3-330-02257-7

Research guidance Provided

S. No	Name of the Research Scholar	Title of the Thesis	Year of award
1	Ms. G. Vijaya Lakshmi (Reg. No. 0603PH0618)	Application of Queuing Models in Networks	2012
2	Mr. Kamalapuram Khaja Baseer (Reg. No. 11PH0526)	Enhanced Models for quality Improvement in Software Development Process Fuzzy Based and Poka-Yoke Approaches	2016
3	K. Dhana Sree (Reg. No. 11PH0502)	Distributed View Indexing Schemes for Efficient Query Processing	2016

4	Mr. G. Vijaya Kumar (Reg. No. 11PH0515)	A Cross Layer Design for an Access Point handling in IEEE 802. Based Wireless Mesh Networks	2017
5	Mr. S. Nageswara Rao (Reg. No. 11PH0503)	Enhanced Quality of Service Routing Protocols through Trust Computation in Mobile Adhoc Networks	2017
6	Mr. Sudarshan.E (Reg.No. 12PH0514)	Parallel Approach for Backward Coding of Wavelet Trees with CUDA	2018
7	Mr. P. Dileep Kumar Reddy (Reg. No. 13PH0520)	Optimal security for sensitive data in Cloud Computing	2018
8	Mr. R. Raja Kumar (Reg. No.11PH0511)	Reducing the computational requirements of nearest neighbor classifier	2018
9	Mrs. L. Lakshmi Rangamma (Reg.No. 13PH0501)	Dynamic Navigation of web queries using B-Trees and learn to rank algorithm	2018
10	Mr. P. Veeresh (Reg.No. 13PH0512)	Optimal service Composition based on QoS Constraints in Mobile Adhoc Networks	2018
11	Mr. K. Shyam Sunder Reddy (Reg.No. 12PH0509)	Effective Density-Based Clustering Methods for Streaming Data	2018
12	Mr. M. Purushotham Reddy (Reg.No. 13PH0513)	Effective Techniques for Digital Image Compression and Security	2019

Details of Ph. Ds' under the supervision (Presently)

S. No.	Names of Research scholars	Area of the Research
1	Mrs. C. Sasikala	'Cloud Computing'
2	Mrs. P. Namratha	'Cloud Computing'
3	Mrs. B. Muni Lavanya	'Wireless Mesh Networks'
4	Mrs. P. Rohini	' '
5	Mr. E. Sudheer Kumar	'Image Analysis'
6	Mr. K. Vivekananda Reddy	' '
7	Mr. Ashraf Ali Shaik	' '
8	Mrs.	' '

List of publications:

International Journals:

1. C. Shoba Bindu , Dr. P. Chandra Sekhar Reddy, Dr. B. Satya Naryana, "A Novel remote login authentication with smart card", i-manager's journal of Software Engineering, ISSN: 0973-5151, vol. 2, no. 2,pp. 22-27, Oct-Dec 2007.

2. C. Shoba Bindu, Dr. P. Chandra Sekhar Reddy, Dr. B. Satya Naryana, "Improved remote user authentication scheme preserving user anonymity", International Journal of Computer Science and Network Security, ISSN : 1738-7906, vol. 8, no. 3, pp. 62-66, March 2008.

3. C. Shoba Bindu, Dr. P. Chandra Sekhar Reddy, Dr. B. Satya Naryana, "Remote user authentication with no time concurrent mechanism" International Journal of Engineering Research and Industrial Applications, ISSN 0974-1518, vol. 2, no. 3, pp. 239-249, 2008.

4. M Misbahuddin, C. Shoba Bindu, "Cryptanalysis of Liao-Lee-Hwang Dynamic-ID Scheme", International Journal of Network Security, ISSN 1816-3548, Vol 6, No 3, PP 211-213, May 2008.

5. C. Shoba Bindu, Dr. P. Chandra Sekhar Reddy, Dr. B. Satya Naryana, "An efficient dynamic-id based password authenticated key exchange protocol using smart cards without time synchronization", i-manager's journal of Software Engineering, ISSN: 0973-5151, vol. 3, no.1 , pp. 39-44, July-Sep 2008.

6. Raj Mohammed, C. Shoba Bindu, Dr. P. Chandra Sekhar Reddy, Dr. B. Satya Naryana "Remote user authentication using cognition based Graphical Passwords", i-manager's journal of Software Engineering, ISSN: 0973-5151, vol. 3, no.1, pp. 65-70, July-Sep 2008.

7. C. Shoba Bindu, "Improved Novel Graphical Password Authentication Scheme And Usability Study", i-manager's journal of Software Engineering, ISSN: 0973-5151, Vol. 3,No. 4, April- June 2009.

8. Shyam sunder Reddy K, C. Shoba Bindu, "Selfishness Detection And Prevention Schemes For Manet's – A Survey", i-manager's journal of Software Engineering, ISSN: 0973-5151, Vol. 4,No. 1, July- Sep 2009.

9. E.Poornima, C.Shoba Bindu , "Prevention of Wormhole attacks in geographic routing protocol" , International journal on Computer Science and Engineering, (ISSN:0957-3397), Vol. 3, No.1, Jan 2011.

10. Inturi Sirisha, C.Shoba Bindu, "SENTRY: Transforming phishing detection into automatic fraud protecion" International Journal of information technology and knowledge management ISSN: 0973-4414, Vol. 4, No. 2, pp. 545-547, July-Dec 2011.

11. G.Vijaya Lakshmi, C.Shoba Bindu, "A Queuing model for congestion control and reliable data transfer in cable access networks" , International journal of Computer

Science and Information Technologies,(ISSN:0957-9646), Vol 2(4),2011, pp. 1427-1433

12. G.Vijaya Lakshmi, C.Shoba Bindu and P.Nagaraju, "Study of the stability of queuing models for peer to peer system", International Journal of Computer Science and Network Securit, ISSN : 1738-7906, Vol. 11, No. 5, pp. 189-196, May 2011.

13. Raj Mohammed Mohd, , C.Shoba Bindu," An Improved Cognition based Authentication Scheme Using PassScript" , International Journal of Advanced Research in Computer Science ISSN No. 0976-5697, Volume 2, No. 4, pp. 189-193, July-August 2011.

14. C. Shoba Bindu, CH Suman, "Advanced Key Management Scheme Based On Ecc To Defend Non-Differential Side Channel Attack For HSN" , i-manager's Journal on Software Engineering, ISSN: 0973-5151, Vol. 5 No. 2 January – March 2011.

15. G.Vijaya Lakshmi, C.Shoba Bindu, "Connection and handover management in ATM networks using Queuing model for QOS enhancement", International journal of Computer Science and communication, ISSN: 0973-7391, Vol. 2 No. 2 pp. 391-401 July – December 2011.

16. G.Vijaya Lakshmi, C.Shoba Bindu," Congestion control avoidance in Adhoc network using queuing model", International Journal of Computer Technology and Applications,ISSN: 2229-6093, Vol.2(4), pp. 750-760, 2011.

17. S.Nageswara Rao, C.Shoba Bindu, "Finding Multiple Optimal Paths in Ad Hoc Networks based on QOS metrics: Maximum Bandwidth and Minimum Delay" International Journal of Computer Applications (0975 – 8887), Volume 23– No.7, pp.35-39 June 2011.

18. C. Shoba Bindu, K Dhanasree, "The CROME based computing of redundant Data cubes", International Journal of Computer Science and its Applications,ISSN:2250-3765, Page No:206-209,Vol. 1, Issue. 1, 2011,

19. A.B.Surekha & C.Shoba Bindu, "Heterogeneous Tree Based Authenticated Group Key Transfer Protocol", Global Journal of Computer Science and Technology ISSN: 0975-4350, Volume 12, issue 7, pp. 33-39, April 2012.

20. K Dhanasree, C. Shoba Bindu," Computing the data cube cells using control charts", International Journal of Information Technology and Systems, ISSN: 2277-9825, Vol.1, No.1, pp. 35-38, Jan-June 2012.

21. Vindhya Pati, Shoba Bindu C "Optimization of video streaming quality in 802.16", International journal of Scientific and Research publications, ISSN: 2250- 3153, Vol.2, issue: 7, July 2012.

22. K.Dhanasree , C.Shobha Bindu, R.Satish, "CROME: Indexing The Partial Data Cubes", International Journal of Advanced Research in Computer and Communication Engineering, ISSN: 2278-1021, Vol.1, issue: 4, June 2012, pp. 207-212.

23. K. K. Baseer, A. Rama Mohan Reddy, C. Shoba Bindu," A Survey of Synergistic Relationships for Designing Architecture: Scenarios, Quality Attributes, Patterns, Decisions, Reasoning Framework" International Journal of Web Technology, ISSN:2278-2389, Vol 01, Issue 02, December 2012.

24. Dasari Nagaraju & C. Shoba Bindu," Smart Worms Defense And Detection", International Journal of Internet Computing ISSN No: 2231 – 6965, Vol- 1, ISS- 4 2012.

25. C. Vikram, C. Shoba Bindu, C. SasiKala, "Handwritten Character Recognition for Telugu Scripts Using Multi Layer Perceptrons (MLP)", International Journal of Advanced Research in Computer Engineering & Technology (IJARCET), ISSN: 2278 – 1323, Volume 2, Issue 12, December 2013.

26. Suresh Pagidala, C. Shoba Bindu," Improved Persuasive Cued Click Points for Knowledge-Based Authentication", International Journal of Computer Science and Information Technologies, ISSN:0975-9646, Vol. 4 (6) , 2013, 1000-1003.

27. C. V. Chakradhar , C. Shoba Bindu, "Online Telugu Handwritten Password Authentication Using HMM Based Technique", International Journal of Emerging Trends & Technology in Computer Science, ISSN 2278-6856, Volume 2, Issue 6, November – December 2013.

28. C.Sasikala , C.Shoba Bindu, "Techniques To Ensure Data Integrity In Cloud Survey", I -manager's Journal on Cloud Computing, ISSN:2349-6835, Vol. 1 • No. 1 • November 2013 - January 2014.

29. T.Sudheshna , C. Shoba Bindu, "Throughput Variant Component Ranking In Dynamic FT cloud Framework", i-manager's Journal on Cloud Computing, ISSN:2349-6835, Vol. 1 No. 1 November 2013 - January 2014.

30. Shanthi Ejarla ,C. Shoba Bindu, "Ensuring QOS for dynamic reconfigurationof FIFO based systems" i-manager's Journal on Computer Science, ISSN:2347-2227, Vol. 1 No. 3 September - November 2013.

31. Sreekanth Reddy. C. Shoba Bindu, "Effective Password Authentication System Using Optical Character Recognition", International Journal of Advanced Research in Computer Science and Software Engineering, ISSN: 2277 128X, Volume 3, Issue 11, November 2013.

32. D. J. Samatha Naidu, P. Chitti Babu, C. Shobha Bindu, A.Subramanyam, "A Dual Covered Broadcast Technique With Negative Acknowledgements To Avoid Piggybacking Neighbor Problems In Mobile Adhoc Networks", Publications Of Problems & Application In Engineering Research – Paper ISSN: 2230-8547, Vol 04, Special Issue01; 2013

33. G Vijaya Kumar, ,C. Shoba Bindu, "A Study on Access Point Selection Algorithms in Wireless Mesh Networks", Int. J. Advanced Networking and Applications ISSN : 0975-0290, Volume: 6 Issue: 1 Pages: 2158-2167 (2014).

34. G. Vijaya Lakshmi,, C. Shoba Bindu, "A Queuing Model To Improve Quality of Service by Reducing Waiting Time in Cloud Computing", International Journal of Soft Computing and Engineering (IJSCE), ISSN: 2231-2307, Volume-4 Issue-5, November 2014.

35. K. K. Baseer,A. Rama Mohan Reddy, C. Shoba Bindu, "HQLS-PY: A New Framework to Achieve High Quality in Large Scale Software Product Development Using POKA-YOKE Principles", International Journal of Engineering Development and Research ISSN: 2321-9939, pp. 164-170 March 2014.

36. M.Nithya, C.Shoba Bindu, "QoS Driven Service Recommendation and Visualization", International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE) ISSN: 0976-1353, Pp.8-12, Volume 10 Issue 1 –OCTOBER 2014..

37. C.Shoba Bindu, "Authentication Based On Handwritten Telugu Character Recognition By Integrating Multiple Contexts", i-manager's Journal on Pattern Recognition ,ISSN: 2349-7912, Vol. 1 No. 3 September - November 2014.

38. C. Anantha Reddy , C. Shoba Bindu, "Survey On Various Types Of License Plate Localization, Segmentation & Recognition Algorithms", i-manager's Journal on Pattern Recognition, ISSN: 2349-7912, Vol. 1 No. 3 September - November 2014.

39. C. Sreekanth Reddy , C. Shoba Bindu, "Remote User Authentication using Optical Character Recognition", Journal of Network and Information Security, ISSN: 2321-6859, Volume 2, Issue 2, December 2014.

40. P. Dileep Kumar Reddy, R. Praveen Sam , C. Shoba Bindu, A Survey On Ensuring Data Confidentiality In Cloud Computing, i-manager's Journal on Cloud Computing,ISSN: 2349-6835, Vol. 1 • No. 2 • February - April 2014.

41. C.Nagaraju , D.Sharadmani , A.Vijaykumar ,C.Shoba bindu, "Emotional Face Recognition System For Decision Making Based On Statistical Features Of Q-Matrix", i-manager's Journal on Image Processing, ISSN: 2349-4530, Vol. 1 • No. 2 • April - June 2014.

42. P. Balakoteswara ,C. Shoba bindu, "TCP Friendly Rate Control For Real-Time Traffic In Wired Environment", i-manager's Journal on Computer Science, ISSN:2347-2227, Vol. 2 No. 3 September - November 2014.

43. Sreekanth Bandi,P. Balakoteswara ,C. Shoba bindu, "Performance Evaluation Of Tcp Congestion Control Mechanisms In Wired Networks", i-manager's Journal on Computer Science,ISSN:2347-2227, Vol. 2 No. 3 September - November 2014.

44. L. Lakshmi, Dr. P. Bhaskara Reddy , Dr. C. Shoba Bindu, "Dynamic Navigation of Query Results Based on Concept Hierarchies using Topic-Sensitive Page Rank

Algorithm", International Journal of Advanced Research in Computer Science and Software Engineering ISSN: 2277 128X, Volume 4, Issue 11, November 2014.

45. Y. Sowmya, M Naga Ratna, C Shoba Bindu, "A Review on Big Data Mining, Distributed Programming Frameworks and Privacy Preserving Data Mining Techniques", International Journal of Advanced Research in Computer Science,ISSN No. 0976-5697, Volume 6, No. 1, Jan-Feb 2015.

46. C. Shoba Bindu, "Secure Usable Authentication Using Strong Pass text Passwords", I.J. Computer Network and Information Security, ISSN:2074-9090, Vol. 7, No. 3, February 2015.

47. Sreekanth Bandi, C. Shoba Bindu, "Simulation Analysis of TFRC in Wireless Networks", Journal of Network Communications and Emerging Technologies, ISSN: 2395-5317, Volume 2, Issue 1 , May (2015).

48. P. Balakoteswara, C. Shoba Bindu, "Simulation Based Analysis of TCP Friendly Rate Control in Wired Environment", Journal of Network Communications and Emerging Technologies, ISSN: 2395-5317, Volume 2, Issue 1, May (2015).

49. CH. Keerthi prathyusha, C. Shoba Bindu, "Assuring Integrity in Privacy Preserving Multi keyword Ranked Search over Encrypted Cloud Data", Journal of Network Communications and Emerging Technologies, ISSN: 2395-5317, Volume 3, Issue 1, July (2015).

50. 50) A.Sai Priya, , C. Shoba Bindu, "To Pinpoint Colluding Attackers for Multitenant Software as-a-Service Cloud Systems", International Journal of Modern Computer Science, ISSN: 2320-7868, Volume 3, Issue 2, June, 2015.

51. P. Reddy Prathyusha, C. Shoba Bindu, "Re-Encryption based Secure Communication for Scalable Data in Multiple Clouds", International Journal of Modern Computer Science,ISSN: 2320-7868, Volume 3, Issue 2, June, 2015.

52. Manogna Maddali, C. Shoba Bindu," Language Identification Using Mfcc Features Derived During Oration", i-manager's Journal on Pattern Recognition, ISSN: 2349-7912, Vol. 2, No. 1, March - May 2015.

53. Aaluru Rajitha, C. Shoba Bindu, "Enhancing Reliable Routing in Wireless Mesh Networks using Cross Layer Metrics", International Journal of Computer Networks and Wireless Communications (IJCNWC), ISSN: 2250-3501, Vol.5, No 4, August 2015.

54. M. Fouzia, C. Shoba Bindu, "Text Detection in Multi-Oriented Natural Scene Images", International Research Journal of Engineering and Technology (IRJET), ISSN: 2395-0072, Volume: 02 Issue: 04 July-2015.

55. C. Shoba Bindu, "Two Factor Authentication Based on Speech and an index password", i-manager's Journal of Information Technology, ISSN: 2277-5250, Vol. 4,No. 2 March – May 2015.

56. C. Anantha Reddy, C. Shoba Bindu," Multi-Level Genetic Algorithm for Recognizing Multiple License Plates in a Single Image", Journal of Innovation in Computer Science and Engineering, ISSN 2278-0947, Vol. 4(2), Jan – Jun 2015.

57. Nageswara Rao Sirisala , C.Shoba Bindu, "Fuzzy Based Quality of Service Trust Model for Multicast Routing in Mobile Adhoc Networks", International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 10, Number 12 (2015) pp. 32175-32194.

58. K. K. Baseer,A. Rama Mohan Reddy, C. Shoba Bindu,"A Systematic Survey On Waterfall Vs. Agile Vs. Lean Process Paradigms" i-manager's Journal on Software Engineering, ISSN: 0973-515, Vol. 9, No. 3, pp. 33-58,January - March 2015.

59. K.Sireesha, C. Shoba Bindu, "Effective Access Point Selection for improving Throughput in Wireless LAN", Int. J. Advanced Networking and Applications ,ISSN: 0975-0290, Volume: 07 Issue: 02, Pages: 2700-2704 (2015).

60. G. Vara Prasad, C. Shoba Bindu, "Robot Localization and Object Detection with Fish-Eye Vision System and Sensors", i-manager's Journal on Pattern Recognition, Vol. 2, No. 3 , September - November 2015, pp. 16-23

61. Sumangala patil, Dr. A. Nagaraja Rao, C. Shoba Bindu, "Techniques for Software Design Validation: A Survey", International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 18 (2015) pp 39607-39610

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46. Krishna Murthy, Dr. C. Shoba Bindu, "A Trust aware Routing Framework for multihop authentication in wireless sensor networks", 11th November 2016, International conference on chip, circuitry, current, combustion & composites (i7C-

2016),Sri Sairam college of engineering, Ankel, Bangalore.

47. K. Dhanasree, C. Shoba Bindu, "A survey on OLAP", 15 - 17 Dec 2016, IEEE International Conference on Computational Intelligence and Computing Research (ICCIC), Agni College of Technology, Chennai.

48. E. Sudarshan, Ch. Satyanarayana, C. Shoba Bindu, "A parallel RLE Entropy Coding Technique for DICOM Images on GPGPU", International Conference on current Trends in Computer, Electrical, electronics & Communication (ICCTCEEC-2017) , 8-9 Sep, 2017, Vidhyavardhaka College of Engineering, Mysuru, Karnataka.

49. P. Dilip Kumar Reddy, R. Praveen Sam, C. Shoba Bindu, "A Triparitite Key Generation and Management for security of Cloud Data Classes", 25-27 Sep 2017, 2nd International Conference on Computational Intelligence and Informatics (ICCII 2017), JNTUH College of Engineering, Hyderabad, Telangana, India.

50. Muni Lavanya, C. Shoba Bindu, G. Vijay Kumar, "A Study on channel assignment Algorithms for Multi Channel Multi-Radio Wireless Mesh Networks", 7-8 December 2017, International Conference on Intelligent Sustainable Systems (ICISS 2017), SCAD Institute of Technology, Palladam, T.N.

51. Lakshmi L., Bhaskara Reddy P., Shoba Bindu C, "Dynamic Navigation of Query Results Based on Hash-Based Indexing Using Improved Distance PageRank Algorithm", April 27th – 29th, 2017, International Conference on Artificial Intelligence and Evolutionary Computations in Engineering Systems (ICAIECES-2017), vol 668. Springer, Singapore, MITS, Madanapalle, Andhra Pradesh, India.

52. Purushotham Reddy M., Venkata Ramana Reddy B, Shoba Bindu C, "Image Encryption by Exponential Growth Equation", April 27th – 29th, 2017, International Conference on Artificial Intelligence and Evolutionary Computations in Engineering Systems (ICAIECES-2017), vol 668. Springer, Singapore, MITS, Madanapalle, Andhra Pradesh, India.

53. Shyam sunder Reddy K, C. Shoba Bindu, "A Review on Density-Based Clustering Algorithms for Big Data Analysis", 10-11 Feb 2017, International conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC 2017), SCAD Institute of Technology, Palladam, T.N.

54. C. Sasikala, C. Shoba Bindu, "A Study on Remote Data Integrity Checking Techniques in Cloud", 14-15 Nov 2017, International Conference on Public key infrastructure and its applications, CDAC Bengaluru.

55. K. K Baseer, A. Ram Mohan Reddy ,C. Shoba Bindu,K. Satish Kumar, " Agile integration Using Service Oriented Architecture", 17-18 Nov 2011, 3rd International conference on science, Engineering and Technology, VIT, Vellore, T.N.

56. Veeresh P, R Praveen Sam, and C Shoba Bindu, "Energy Constraint Service Discovery and Composition in Mobile Ad Hoc Networks" 25-27 Sep 2017, 2nd International

Conference on Computational Intelligence and Informatics (ICCII 2017), JNTUH College of Engineering, Hyderabad, Telangana, India.

57. Hima Bindu G B, Ramani K and Shoba Bindu C, "Investigations on Energy Aware Scheduling Algorithms in Cloud Computing", 28-29th Jan 2018, International Conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing (EECCMC), Priyadarshini Engineering College, Chettiyappanur, Vaniyambadi - 635751, Vellore District, Tamil Nadu, India.

58. Purushotham E, Ramani K and Shoba Bindu C, "Modified Global Pixel Difference Method for Key Frame Detection in Lecture videos", 28-29th Jan 2018, International Conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing (EECCMC), Priyadarshini Engineering College, Chettiyappanur, Vaniyambadi - 635751, Vellore District, Tamil Nadu, India.

59. P Namratha, C Shoba Bindu, S SriLakshmi "Securing Cloud Data using Laplace transform based Encryption", 7-8 February 2018, UNICODE-2018: 1st International Conference on Universal Computing, Communications and Data Engineering, Department of Computer Science, Sri Padmavati Mahila University, Tirupati.

60. Venkata Latha Sai Saranya Kasa, C. Shoba Bindu, Nageswararao Sirisala. "Trusted Quality of Service Routing Protocol in Mobile Ad-hoc Networks", 18-19 May 2018. 3rd IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT-2018), Dept of ECE, Sri Venkateshwara College of Engineering, Bangalore.

61. Sree Lakshmi, Sandhya, C. Shoba Bindu, "A probability Revelance Classification Approach for Service information Discovery using Semantic Domain Knowledge", 12-13 July 2018, International Conference on Research Advancements in Applied Engineering Sciences, Computer and communication Technologies (ICRAAESCCT-2018), B.V. Raju Institute of Technology, Narsapur, Telengana.

62. Rohini, C. Shoba Bindu, "Quantified Local Trio Patterns for Multimedia Image Retrieval System", 27-28 July 2018, 7th International conference on Innovations in Electronics and communication Engineering (ICIECE-2018), Guru nanak Institutions Technical Campus, Hyderabad.

63. Poornima E., Kasiviswanath N., Shoba Bindu C. (2019) Secured Data Sharing in Groups Using Attribute-Based Broadcast Encryption in Hybrid Cloud. In: Rathore V., Worring M., Mishra D., Joshi A., Maheshwari S. (eds) Emerging Trends in Expert Applications and Security. Advances in Intelligent Systems and Computing, vol 841. Springer, Singapore, https://doi.org/10.1007/978-981-13-2285-3_83, Proceedings of International Conference on Expert Applications & Security (ICETEAS2018), Feb 17-18, 2018, Jaipur Engineering College And Research Centre.

64. Dr. R. Raja Kumar, Dr. G. Kishore Kumar, Dr. P. Viswanath, Dr. C. Shoba Bindu,

"Issues with Nearest Neighbor Classification", 21-22 December, 2018, 2nd International Conference on Emerging Trends in Engineering, Sciences & Management – 2018 (ICEESM''18), Rajeev Gandhi Memorial College of Engineering & Technology (RGMCET), Nandyal, Andhra Pradesh, India

National Seminars / Conferences:

1. C. Shoba Bindu, P. Chenna Reddy, P. Chandra Sekhar Reddy, "Security in Mobile Adhoc Networks", National Conference on Mobile Com Net –2004, Sept 30th to Oct 2nd 2004, VIT, Vellore, TN.

2. Y. Bali Reddy, C. Shoba Bindu, P. Chandra Sekhar Reddy, "Security in Wireless Adhoc Networks" Techno Carnival-2006, Feb 3rd & 4th 2006, Royal Institute of Technology & Science, Chevella, RR Dist,

3. C. Shoba Bindu, D.Kavitha, S.Zahoor Ul Huq, P. Chandra Sekhar Reddy, "Hybrid Packet Marking Scheme for Network Security" Techno Carnival-2006, Feb 3rd & 4th 2006, Royal Institute of Technology & Science, Chevella, RR Dist,

4. C. Shoba Bindu, Md. Misbahuddin, Md. Aijaz Ahmed, "Mapping XML Schemas into Relational Schemas" Techno Carnival-2006, Feb 3rd & 4th 2006, Royal Institute of Technology & Science, Chevella, RR Dist,

5. S.Zahoor Ul Huq, D. Kavitha, C. Shoba Bindu, "Hierarchical Secure wireless Networking" Techno Carnival-2006, Feb 3rd & 4th 2006, Royal Institute of Technology & Science, Chevella, RR Dist,

6. Ms. Farheen Faima Khan, C. Shoba Bindu, "Secure authentication using two factor authentication technique for Financial transactions" National Conference on Computing & Communications NCCC'06, 13th – 15th July 2006, GNITS, Hyderabad

7. Chnadra Lekha, C. Shoba Bindu, "An Enhanced remote user authentication scheme preserving user anonymity" National Conference on Advanced Computing Techniques, BITCON 2007, 16-17, March 2007,Bhilai Inistitute of Tech. Durg (C.G) .

8. Shoba Bindu, "Security Enhancements to remote user authentication scheme using smart cards" Application of Emerging technologies, 4-5 April 2007, Adhiyamaan College of Engg, Hosur, TN.

9. Shoba Bindu et.al, "Enhanced Zero common knowledge authentication for pervasive Networks" Application of Emerging technologies, 4-5 April 2007, Adhiyamaan College of Engg, Hosur, TN, 10) C. Shoba Bindu et.al,

10. S. Anusha, C. Shoba Bindu, "Remote multi-server user authentication Technique without using verification table", Information Technology in Multi-domain Industry, 20-21 April 2007, Sinyad Inistitute of Technology, Lonavala.

11. Chandra Lekha, C. Shoba Bindu, "Cryptanalysis of a remote user authentication scheme preserving user anonymity", Recent Trends in IT, 12th may 2007, SJB Institute if Technology, B're-60.

12. Shoba Bindu et.al, "Systematic Use of Architecture Patterns to Achieve Non-Functional Requirements", National Conference on Data Modeling, Image Analysis and Pattern Recognition (DMIAPR) – 2011, 13th to 14th September, 2011, GITAM, University, Vishakhapatnam.

13. S. Sushma, K. K Baseer, A. Ram Mohan Reddy, C. Shoba Bindu "Dual Link Failure Recovery By Back Up Links", 3rd National Conference on Advances in Mechanical, Civil, Electrical, Electronics, Computer Application & Management, Feb 4th & 5th, 2014, ISBN: 13:978-81-920425-2-7, AMCEECM, TSSM'S BSCOER & JSPM NTC, Narhe, Pune.

14. P, Veeresh, Dr. R. Praveen sam. C. Shoba Bindu, "A composite services Composition in mobile Ad Hoc Networks Based on Novel Node Model." , National conference on Recent Research Advancements in Information Technology. NCRRAIT- 2014, 25th & 26th September 2014, B.V Raju Institute of Techonolgy, Narsapur, Medak (D).

15. Sumangala Patil, Dr.A. Nagaraja Rao, C. Shoba Bindu, "A Novel Framework for Error Checking in UML and UML to XML Conversion", National Conference on Recent Innovations in Computer Networks, August 21- 22, 2015, JNTUA College of Engineering,Ananthapuramu

16. Vinod Kumar, K. Sasikala, C. Shoba Bindu, "Providing Signer Information through Traceability in Public Auditing for Shared Data in Cloud", National Conference on Recent Innovations in Computer Networks, August 21- 22, 2015, JNTUA College of Engineering,Ananthapuramu

17. Rajitha,P. Dileep Kumar Reddy, C. Shoba Bindu, "A Survey on Routing Metrics for Reliable Routing in Wireless Mesh Networks", National Conference on Recent Innovations in Computer Networks, August 21- 22, 2015, JNTUA College of Engineering,Ananthapuramu

18. M. Sudhakar Reddy, C. Shoba Bindu, "Dynamic Query form Generation for Real World Databases", National Conference on Recent Innovations in Computer Networks, August 21- 22, 2015, JNTUA College of Engineering,Ananthapuramu

Other Experiences:

❖ Reviewer of Text book on Computer Organization by Naresh Jotwani published by TMH

Examiner:

❖ Satyabhama University
❖ Sri Krishna Devaraya University
❖ Kuvempu University
❖ Sri Padmavathi Mahila University
❖ Vellore Institute of Technology University

- ❖ Visvesvaraya Technological University
- ❖ Bangalore University
- ❖ Rayalaseema University
- ❖ GITAM University
- ❖ Dravidian University

Reviewer for International Journals:

- ❖ International Journal of Network Security (ISSN 1816-3548).
- ❖ International Journal of Advanced Intelligence Paradigms (IJAIP), ISSN: 1755-0394 (online), 1755-0386 (Print)
- ❖ International Journal of Cloud Computing (IJCC), ISSN 2043-9997 (online), 2043-9989 (print)
- ❖ Jurnal Teknologi, e-issn:2180-3722
- ❖ i-manager's Journal on Computer Science (JCOM), ISSN: 2347-2227 (Print), 2347-6141 (Online)
- ❖ i-manager's Journal on Image Processing (JIP), ISSN: 2349-4530 (Print), 2349-6827 (Online)
- ❖ International Journal of Computer Network and Information Security (IJCNIS), ISSN: 2074-9090 (Print), ISSN: 2074-9104 (Online)
- ❖ Journal of King Saud University - Computer and Information Sciences, ISSN: 1319-1578, Production and hosting by Elsevier B.V.
- ❖ International Journal of Information Security and Privacy (IJISP), ISSN: 1930-1650, IGI Global Journal.

Editorial Board member:

- ❖ i-manager's Journal on Computer Science (JCOM), ISSN: 2347-2227 (Print), 2347-6141 (Online)
- ❖ i-manager's Journal on Image Processing (JIP), ISSN: 2349-4530 (Print), 2349-6827 (Online)
- ❖ International Journal of Computer Network and Information Security (IJCNIS), ISSN: 2074-9090 (Print), ISSN: 2074-9104 (Online)
- ❖ Journal of Innovation in Computer Science and Engineering (JICSE), ISSN: 2278-0947 (Print), ISSN: 2455-3506 (online)
- ❖ Special Issue on " Advances in Emerging Wireless Communications and Networking" of Scalable Computing: Practice and Experience, ISSN: 1895-1767

- International Journal of Research and Analytical reviews(IJRAR), ISSN:2349-5138(Print), E-ISSN:2348-1269
- International Journal of Intelligent Computing and Technology, (ISSN: 2457-0249 (Online)
- Bhatter College Journal of Multidisciplinary studies, (ISSN:2249-3301)
- International Journal of Computer Science and Engineering (IJCSE); ISSN(Print): 2278-9960
- i-manager's Journal on Pattern Recognition, ISSN Print: 2349-7912.

Advisory Committee member:

- 2015 Conference on Power, Control, Communication and Computational Technologies for Sustainable Growth (PCCCTSG), 11-12 December 2015, G. Pulla Reddy Engineering College, Kurnool.
- 3rd National Conference on Computer Networks & Information Security (NCCNIS-2014), 4 - 5 March, 2014 Sponsored (under SEMINAR GRANT) by ALL INDIA COUNCIL FOR TECHNICAL EDUCATION (AICTE), New Delhi, Vasavi College of Engineering, Hyderabad
- National conference on Networking and Information Technology N2IT -2012, 12th & 13th October 2012, ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES, Rajampeta
- National Conference on Advances in Computing and Networking, NCACN-13, 6th-7th Dec 2013, JNTUH College of Engineering, Manthani
- International Conference on Innovations in Computer Science and Information Technology (ICICSIT – 2015), 28 & 29 August, 2015, Mahatma Gandhi Institute of Technology, Hyderabad
- 4 - International Conference On Innovations In Computer Science & Engineering (ICICSE - 2016), 22nd & 23rd July, 2016, Guru Nanak Institutions Technical Campus & Guru Nanak Institute Of Technology, Hyderabad
- National Conference on Emerging Technologies in Computer Science - 2014 NCETCS'14 28th & 29th March, 2014, JNTUK University College of Engineering Vizianagaram

- ❖ International Conference on Innovations in Computing and Communication (ICICC 2015) th th 12 & 13 February, 2015, B.V.Raju Institute of Technology, Narsapur.
- ❖ National Conference on " Advanced Trends in Computer Science & Information Technology" NCATCSIT 2016, 8 th October 2016, GEETHANJALI INSTITUTE OF SCIENCE & TECHNOLOGY, Nellore
- ❖ 2015 i-manager's International Conference on Engineering and Technologies (IICET 2015), Nagercoil, Kerala

Staff Selection Committee :

- ❖ Expert in Adhoc Faculty Recruitment of SKU University, Anantapur.

Curriculum Design:

- ❖ Involved in framing the curriculum for UG (B.Tech (Information Technology)) and PG (M.Tech & M.C.A) of JNT University Ananthapur as a member of Board of Studies
- ❖ Played a role in framing the syllabus of Various Autonomous colleges as a member of Board of Studies - RGM college of Engineering, Nandyal; Sri Vidyanikethan college of Engineering, Tirupathi; Srinivasa Institute of Technology and Management, Chittoor, Annamacharya Institute of Technology & Sciences, Rajampet, G. Pulla Reddy Engineering College, Kurnool, Sri Venkateswara College of Engineering and Technology, Chittoor.
- ❖ Has been a member of College Academic Council of Annamacharya Institute of Technology & Sciences, Rajampet.
- ❖ Acted as a Chairman, Board of Studies of CSE, JNTUA college of Engineering (2012-2015) and promoted latest technologies of current industry needs which benefit the students to be industry ready.
- ❖ Member of PG Board of Studies for Computer Science for Government College (Men) UG & PG(Autonomous), Ananthapuramu from 2016-2018.

Important positions held:

- ❖ Nominated as the member to serve the Govt. of Andhra Pradesh for Evaluation of technical bids for "Rajeev YuvaKiranalu" by the Commissioner of Technical education, Andhra Pradesh

- ❖ Member of 3rd party evaluation committee for evaluation of technical bids for e-Governance project "Implementation of GIS Based Decision System in Kuppam Assembly Constituency of Chittoor District, On a Pilot basis" by the District Collector, Chittoor, A.P.
- ❖ Has been a paper setter for the prestigious common entrance examination conducted by the Govt. of Andhra Pradesh like Post Graduate Engineering Common Entrance Test (PGECET-2011) for admission into M.Tech Courses and Engineering Common Entrance Test (APECET-2015) for entrance into B.Tech course for Polytechnic Students.
- ❖ Has been a paper setter for (YVURESET-2015), the entrance exam for admission into the Research Program (Ph.D) for Yogi Vemana University, Kadapa.
- ❖ The Andhra Pradesh Public Service Commission has appointed as an examiner for setting an Objective Type Question paper in the subject Computer Science in 2007.
- ❖ Has been appointed as subject expert by the Union Public Service Commission in building a bank of items in Computer Engineering for their Examinations.
- ❖ Has been nominated as Chairman of Autonomy Review Committee for Siddaganga Institute of Technology, Tumkur, by Visvesvaraya Technological University, Belagavi, Karnataka.
- ❖ Has been appointed as subject expert by the Union Public Service Commission for confidential work
- ❖ Serving as a Doctoral committee member for VIT, Vellore
- ❖ Appointed as question paper setter for various University exams of JNTU Hyderabad, JNTU Kakinada, JNTU Anantapur, S.V. University, Sri Padmavathi Mahila University, Sri Krishna Devaraya Univeristy, Yogi Vemana University Anna University and several autonomous colleges.
- ❖ Member of selection committee for award of Cognizant Foundation Scholarship.
- ❖ Acted as member of the University Purchase Committees of JNT University Anantapur.
- ❖ Served as a member of an Internal Purchase Committee for the development of Examination Management System (EMS) of JNT University Anantapur.

❖ The Andhra Pradesh Public Service Commission has appointed as an examiner for setting an Objective Type Question paper in the subject Computer Science in 2007.

Conferences/Workshops Organised:

1. Organized a 15 days "Training programme on information technology for unemployed rural youth" in JNTUCEA, Anantapuramu, during 28-11-2005 to 14-12-2005, Sponsoring Agency by TEQIP, JNTUCEA, Anantapuramu, as Coordinator.

2. Organized a National Level Student Symposium "PIXEL2K6" in JNTUCEA, Anantapuramu, during December, 2006, Sponsoring Agency by TEQIP, JNTUCEA, Anantapuramu, as Coordinator.

3. Organized a six-day "Training programme on information technology for unemployed rural youth" in JNTUCEA, Anantapuramu, during 07-01-2008 to 12-01-2008, Sponsoring Agency by TEQIP, JNTUCEA, Anantapuramu, as Coordinator.

4. Organized a Training programme on "Internet technology for House wives" in JNTUCEA, Anantapuramu, during 30-01-2008 to 01-02-2008, Sponsoring Agency by TEQIP, JNTUCEA, Anantapuramu, as Coordinator.

5. Organized a National Level Workshop on "Free Software A Research Perspective" in JNTUCEA, Anantapuramu, during 12th -13th March 2009, Sponsoring Agency by TEQIP, JNTUCEA, Anantapuramu, as Coordinator.

6. Organized a National Level Student Symposium "PIXEL2K10" in JNTUCEA, Anantapuramu during December, 2010, Sponsoring Agency by JNTUCEA, Anantapuramu, as Coordinator.

7. Organized a six-day "Training programme on Computer Awareness for Pensioners" in JNTUCEA, Anantapuramu, during 16-05-2011 to 21-05-2011, Sponsoring Agency by JNTUCEA, Anantapuramu, as Coordinator.

8. Organized a National Level Student Symposium "PIXEL2K11" in JNTUCEA, Anantapuramu, during December, 2011, Sponsoring Agency by JNTUCEA, Anantapuramu, as Coordinator.

9. Organized a two day Workshop on "Developing Free software Technologies" in JNTUCEA, Anantapuramu, during 24th – 25th February, 2012, Sponsoring Agency by JNTUCEA, Anantapuramu, as Coordinator.

10. Organized a "e-education Phase-II trail programme – Sharp corporation" in JNTUCEA, Anantapuramu, during March 2012, Sponsoring Agency by Sharp Corporation, Bangalore. as Coordinator.

11. Organized a National Level Student Symposium "PIXEL2K12" in JNTUCEA, Anantapuramu during December, 2012, Sponsoring Agency by UGC, JNTUA, as Convener.

12. Organized a two day Workshop on National Seminar on "Recent Trends in Networking & Security" in JNTUCEA, Anantapuramu during 15th -16th November 2013, Sponsoring Agency by APSCHE & UGC, as Convener.
13. Organized a two day Workshop on "Natural Language Processing" in JNTUCEA, Anantapuramu, during 7th-8th Dec 2013, Sponsoring Agency by UGC, as Convener.
14. Organized a National Level Student Symposium "PIXEL2K14" in JNTUCEA, Anantapuramu, during 29th March , 2014, Sponsoring Agency by UGC, JNTUA, as Convener.
15. Organized a National Level Student Symposium "SAMMELAN" in JNTUCEA, Anantapuramu, during 12th-13th March 2015, Sponsoring Agency by UGC, as Coordinator.
16. Organized a Workshop on "Digital Resources Awareness Program" as part of Digital Resources Awareness Program" in JNTUCEA, Anantapuramu during 8th July 2015, Sponsoring Agency by JNTUACEA, Anantapuramu, as Coordinator.
17. Organized a National Conference on "Recent Innovations in Computer Networks", in JNTUCEA, Anantapuramu, during August 21- 22, 2015, Sponsoring Agency by DST & UGC, , as Coordinator.
18. Organized a one day Workshop on ""Role of Women in Engineering (WIE) Education through IEEE" in JNTUCEA, Anantapuramu, during 15th September2015, Sponsoring Agency by UGC, as Coordinator.

Community Services Programs:
1. Organized a 15 days "Training programme on information technology for unemployed rural youth" in JNTUCEA, Anantapuramu, during 28-11-2005 to 14-12-2005, Sponsoring Agency by TEQIP, JNTUCEA, Anantapuramu, as Coordinator.
2. Organized a six-day "Training programme on information technology for unemployed rural youth" in JNTUCEA, Anantapuramu, during 07-01-2008 to 12-01-2008, Sponsoring Agency by TEQIP, JNTUCEA, Anantapuramu, as Coordinator.
3. Organized a six-day "Training programme on Computer Awareness for Pensioners" in JNTUCEA, Anantapuramu, during 16-05-2011 to 21-05-2011, Sponsoring Agency by JNTUCEA, Anantapuramu, as Coordinator.
4. Organized a Training programme on "Internet technology for House wives" in JNTUCEA, Anantapuramu, during 30-01-2008 to 01-02-2008, Sponsoring Agency by TEQIP, JNTUCEA, Anantapuramu, as Coordinator.

Membership – Professional societies:
1. Life Member of Indian Society for Technical Education (LM 81156)
2. Life Member of Computer Society of India.(01174921)
3. Fellow of Institute of engineers.(F-1227080)
4. Life Member of International Association of Engineers. (133105)

5. Senior Member of IEEE.(91242973)
6. Life Member of Computer Science Teacher Association (8494389).

Workshops/Summer/Winter Schools Attended:

1. Attended a Refresher course "Network Programming" during 29/10/03 to 18/11/03, UGC-ASC, JNTU, Hyderabad.
2. Attended a Orientation Course – "I/2005-2006" during 22/08/05 to 20/09/05, UGC-ASC, JNTU, Hyderabad.
3. Attended FACULTY DEVELOPMENT PROGRAMME (FDP) ON Foundations of Infromation Technolgy" (1st October 2007 to 5th October 2007) Organized by as part of information security eduction Awareness project (ISEAP), MCIT,DOE, Government of India, New delhi by the Department of CSE, NIT Warangal,
4. Attended a academic exchange programme on "Formal and web based methodologies for effective research" on 23rd March 2009, organized by JNTUACE, Ananthapuramu.
5. Attended a one day workshop on "Emerging trends in Image Processing" on 31st March, 2010, organized by SKU college of Engg. & Technology, Ananthapuramu,
6. Attended a Refresher course – "Trends in Information system security" during 05/07/10 to 24/07/10, organized by UGC-ASC, JNTU, and Hyderabad.
7. Attended a Refresher course – "Advanced Trends in web mining and Data warehousing" during18/10/10 to 8/11/10, organized by UGC-ASC, JNTU, and Hyderabad.
8. Attended a National Workshop "ASPIRE'10" during 22nd& 23rd December 2010 organized by JNTUACE, Ananthapuramu
9. Attended a Faculty Development Program "Concepts in Testing" during 30-06-2011 and 01-07-2011, organized by Cognizant Technologies, Bengaluru.
10. Attended a UGC Sponsored one day Workshop on "Robot Dynamics and Control" on 29-09-2011, organized by JNTUACE, Ananthapuramu
11. Attended a UGC Sponsored National Workshop on "Market-Oriented Cloud Computing and the Aneka Platform" on 27-12-2011, organized by JNTUACE, Ananthapuramu
12. Attended a UGC Sponsored one day Workshop on "Robot Dynamics and Control" on 04-02-2012, organized by JNTUACE, Ananthapuramu.
13. Attended a one day Workshop on "Embedded Systems" on 05-10-2012, organized by JNTUACE, Ananthapuramu
14. Attended a one day Workshop on "Human Values and Professional Ethics "Engineering Inner Excellence"" on 5th July 2014, organized by JNTU, Ananthapuramu

15. Attended a one day Workshop on "Technology Enhanced Learning through NMEICT-Implementation of Spoken Tutorial Project" on 10th July 2014, organized by JNTU, Ananthapuramu

16. Attended a UGC Sponsored two day Workshop on "Outcome based Education Approach in Engineering Curriculum" during 26th & 27th August 2014, organized by JNTUACEA, Ananthapuramu.

17. Attended a Two days training programme on "Bharath Operating System Solutions (BOSS) – Minimalistic Object Oriented Linux (MOOL)" during 16th & 17th October 2014, organized by JNTU, Ananthapuramu

18. Attended a two day Workshop on "Two days workshop on "IBM DB2 Acdemic Associate", Conducted by IBM Hyderabad" during 19th & 20th December 2014, organized by JNTUACEA, Ananthapuramu.

19. Attended a Two day Faculty Development Programme on "Programming in C & Data Structures" during 25th-26th March 2015, organized by JNTUACEA, Ananthapuramu.

20. Attended a one day Workshop on "Awareness on Various Programs for Foreign University Collaborations" on 16th May 2015, organized by JNTUACEA, Ananthapuramu.

21. Attended a one day Workshop on "Awareness on creating centers of Excellence" on 26th June 2015, organized by JNTUACEA, Ananthapuramu.

22. Attended a Faculty Development Programme on "Entrepreneurship Sponsored by Entrepreneurship Development Institute of INDIA Under DST-NIMAT 2014-2015" during 6th – 18th July 2015, organized by JNTUACEA, Ananthapuramu.

23. Attended a one day Workshop on "Awareness on Washington Accord for Outcome Based Education" on 4th August 2015, organized by JNTUACEA, Ananthapuramu.

24. Attended a one day Workshop on "Awareness on IT/ITES Roles & Big Data Analytics" on 20th August 2015, organized by JNTUACEA, Ananthapuramu.

25. Attended a one day Workshop on "Training/Orientation on MATLAB, Simulink & Related Tool Boxes for Engineering Education" on 7th October 2015, organized by JNTUACEA, Ananthapuramu.

26. Attended a one day Workshop on "Cyber Security" on 8th October 2015, organized by JNTUACEA, Ananthapuramu.

27. Attended a one day Workshop on "Innovations in Technology" on 9th December 2015, organized by JNTUA, Ananthapuramu.

28. Attended 4th National Knowledge Workshop on "NKN at the core of Cyber Space" on 21-22 January 2016, JNTU, Hyderabad

29. Attended FACULTY DEVELOPMENT PROGRAMME (FDP) ON SOFTWARE ENGINEERING (17th June 2016 to 28th June 2016) Organized by JNTUA CEA, Ananthapuramu in association with NIT Warangal, Under the scheme of Electronics &

ICT Academy (Sponsored by Department of Electronics and Information Technology (DeitY), GOI

30. Attended One day workshop on " 21st century Teaching Strategies" on 16th September 2017, organized by Directorate of Faculty Development Centre, JNTUA.

31. Attended AICTE Sponsored Training Program on "Data Analytics using R", Organized by Department of Computer Science & Engineering, IIT Kharagpur, during 20-26 November 2017

32. Attended Transforming Education for Humanity (TECH) 2018, organized by MGIEP & MHRD, Visakhapatnam, during Nov 15-17, 2018.

33. Attended One Week Faculty Development Programme on "Design and development of MOOCS through Swayam", (18th January 2019 to 23rd January 2019) Organized by Electronics & ICT Academy, NIT Warangal, at JNTUA CEA, Ananthapuramu

Conferences Attended:

1. Attended an International Conference on Emerging Trends in Electrical, Communication and Information Technologies, ICECIT-2012,21-23 Dec 2012, organized by SRIT, Ananthapuramu.

2. Attended as "Session Chair" on AICTE Sponsored National Conference on Advanced Computing, 30th Jan 2014, organized by AITS, Rajampeta.

3. Attended "3rd National Conference on "COMPUTER NETWORKS & INFORMATION SECURITY" (NCCNIS 2014) sponsored by AICTE under Seminar Grant, from 4 - 5 March, 2014, organized by Vasavi College of Engineering, Hyderabad.

4. Attended National Conference on Recent Innovations in Computer Networks, August 21- 22, 2015, organized by JNTUA College of Engineering, Ananthapuramu.

5. Attended 2nd International Conference on Emerging Trends in Electrical, Communication and Information Technologies -2015, SRIT, Ananthapuramu.

6. Attended, National Conference on Recent Innovations in Computer Networks, August 21- 22, 2015, JNTUA College of Engineering,Ananthapuramu

7. Attended on 5th IEEE International Advance Computing Conference (IACC-2015), June 12-13, 2015, BMS College of Engineering, Bengaluru.

Declaration:

I hereby declare that the information furnished above is true to the best of knowledge

Dr. C. Shoba Bindu