

Dr. C. Shoba BinduM.Tech., Ph.D

Director Skill Development Centre & Incubation Centre,
Professor in Department of CSE
Jawaharlal Nehru Technological University Anantapur
Ananthapuram – 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"

Supervisors : Dr. B. Satyanarayana & 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	Professor Dept of CSE	Nov 2015 - Till date
2	JNTU College of Engg. Anantapur	Associate Professor Dept of CSE	Nov 2009 - Nov 2015
3	JNTU College of Engg. Anantapur	Assistant Professor Dept of CSE	May 2003 - Nov 2009
4	Intell Engineering College, Anantapur	Assistant Professor Dept of CSE	Nov 1999 - May 2003

:

Administrative Experience

S.No.	Administrative Post held	Duration
1.	Director Skill Development Centre & Incubation Centre	July 2019 - Till date
2.	Coordinator MSIT, JNTUA, Anantapuramu	Feb 2016 to Till Date
3.	Nodal Officer, NMEICT, JNTUA Anantapur	Dec 2012 to Till Date
4.	Coordinator of Spoken Tutorial Resource Centre & Nodal Officer - JNTUA Spoken Tutorial Implementation Team, JNTUACEA	July 2014-Till Date
5.	Head, Computer Science & Engineering, JNTUA Anantapur	2012 – 2015
6.	Officer- In-charge of Entrepreneur Development cell, JNTUACEA	2012 – 2013
7.	Officer-In-charge of Academic Section, JNTUACEA	2009 – 2011
8.	Chairman Research Review Committee, JNTUA Anantapuramu	2017 – 2019
9.	Coordinator Software Development Centre, JNTUA Anantapuramu	2018 – 2019

Teaching Experience: 20 + years for UG & PG students

Awards and Recognitions:

- 1. Received Gold Medal in B.Tech and University Topper in M.Tech.
- 2. Received **Outstanding Scientist Award** for the contributions in the field of Computer Science by Centre for Advanced Research and Design, Venus International Foundation in Dec 2016.
- 3. Received **ISTE AP & TS section** Late Sri. Jasti Sree Krishna Murthy Garu Award for "**Best Engineering Teacher in AP& TS 2016**" sponsored by VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad, at 11th ISTE AP & TS Section annual convention and award functions on 2nd March 2017.
- 4. Received "Shayesta Akhtar Memorial National Award for **Best Women Engineering College Teacher 2017**" by Indian Society for Technical Education in recognition of her outstanding contribution to the Academic Community and Students at 47th ISTE National Annual Convention held at Saintgits College of Engineering, Kottayam from 27th 29th Jan 2018.
- 5. Received Certificate of **Outstanding Contribution in Reviewing** in Jan 2018 by Elsevier in cooperation with King Saud University in recognition of the contributions made to the quality of Journal of King Saud University Computer and Information Sciences.
- 6. Received "State Teacher Award for 2018", by Government of Andhra Pradesh in recognition of her meritorious service as a Teacher at University level on 5th September 2018 at Amaravathi.
- 7. Received ISTE AP State "VRSEC Award for Best Computer Science Engineering Teacher 2018 in A.P Sponsored by Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada" on 18th March 2019 at Siddarth Institute of Engineering & Technology, Puttur.
- 8. Received "**Best Paper Award**", for the paper "Medical Image Analysis using Deep Learning: A Systematic Literature Review" in the 2nd International Conference held at SKIT Jaipur during Feb 01-02, 2019.

Subjects Taught:

Undergraduate courses	Post graduate courses
❖ Real Time Systems	❖ Network Security
 Information Security 	Unix Internals
Cryptography & Network Security	❖ Software Metrics
Embedded Systems	❖ Operating Systems
 Computer Organization 	 Distributed Operating Systems
❖ Computer Networks	High Speed Computer Networks
C programming & Data Structures	Middleware Technologies
❖ Internetworking with TCP/IP	❖ Secure Software Engineering

- Discrete Mathematics
- Linux Programming & UML Lab
- Computer Networks Lab
- * CN & OS Lab

- ❖ Software Metrics and Reuse
- **❖** Modern Operating System
- ❖ Internetworking with TCP/IP
- Information Security
- Cyber Security
- ❖ Advanced Network Technologies
- Operating Systems Lab
- UNIX and UML Lab
- Case Tools Lab
- Programming in JAVA Lab

Invited/Guest lectures/Key note:

- 1. A expert lecture on "Security Threats and Vulnerabilities", Model for internetwork security, Digital signature, Workshop on "Information Security", 26-11-07 to 30-11-07, organized by G.Narayanamma Institute of Technology & Science (for women), Hyderabad.
- 2. A expert on "Security Threats and Vulnerabilities, Model, PKC & Digital signature", Two Day Workshop on "Information Security", 8th -9th March 2008, organized by Sree Visvesvaraya Institute of Technology & Science, Mahaboobnagar.
- 3. An expert lecture on "Authenticated Key Exchange Techniques and Digital Signatures", 15 days AICTE Sponsored workshop on "Recent Trends in Networking and Security", 13th to 26th June 2011, organized by Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering & Technology, Hyderabad.
- 4. An expert lecture on "Web Security, SET", AP State Council of Higher Education sponsored Workshop on "Information Security", 23rd to 28th Jan 2012, organized by JNTUK, held at Vignan's Engineering College, Guntur.
- 5. An expert lecture on "Security Aspects in Computer Networks, Graphical Passwords", UGC sponsored "National conference on Communications, Networking and Mobile Computing", 20th 21st Jan 2012, organized by JNTUACE, Pulivendula.
- 6. An expert lecture on "File Handling, Preprocessor commands", AP State Council of Higher Education sponsored Short term faculty training program on "C & Data Structures", 21st to 26th August 2012, organized by G Pulla Reddy Engineering College, Kurnool.
- 7. An expert lecture on "Stacks and Queues using Linked lists", AP State Council of Higher Education sponsored Short term faculty training program on "Programming

- in C & Data Structures", 3rd to 8th September 2012, organized by Sri Vidyanikethan Engineering College, Tirupathi.
- 8. A lecture on "Storage classes, Recursion", AP State Council of Higher Education sponsored Short term faculty training program on "C & Data Structures", 3rd to 8th September 2012, organized by JNTUACE, Anantapur,.
- 9. A guest lecture on "Operating System- Concepts and Techniques", 6th October 2012, organized by Vignan's LARA Institute of Technology, Guntur.
- 10. Given lecture on "Security in Cloud Computing", AICTE Sponsored National Staff Development Programme on "Recent Trends in Cloud Computing", 3rd to 15th June 2013, organized by Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering & Technology, Hyderabad.
- 11. An Expert Lecture on "Security Issues in Networks", during 3/4 & 4/4 B.Tech IT Students on 12th July 2013 organized by Vasavi College of Engineering, Hyderabad.
- 12. An expert lecture on "NS2 Simulators", National Seminar on "Recent Trends in Networking & Security" on 15th -16th November 2013, organized by JNTUACE, Ananthapuram.
- 13. An expert lecture on "Authenticating Users Ensuring Usability and Security", 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.
- 14. An expert lecture on "Cyber Security", 2nd International Conference on Innovations in Computer Science & Engineering (ICICSE-2014), Pre-Conference Tutorial on "Cyber Security & Android Mobile Application Development" on 1st& 2nd August 2014, Gurunanak Institutions, Hyderabad.
- 15. A Seminar on "Cyber Security", CSE students on 07-02-2015, organized by Intell Engineering College, Ananthapuramu.
- 16. An expert lecture on "Computer Networks-A Basic Course", on 27.03.2015, organized by Aditya College of Engineering, Madanapalle.
- 17. An expert lecture on "Security Mechanisms based on Cryptography User Authentication Techniques-A research Perspective", AICTE Sponsored Two week FDP on "Emerging Challenges and Research Perspectives in Network Security & Intrusion Detection" from May 4-16, 2015, organized by Sri Vidyanikethan Engineering College, Tirupathi.
- 18. A guest lecture on "Information Security" to III & IV B.Tech CSE Students on 08/08/2015, organized by Santhiram Engineering College, Nandyal.
- 19. An expert lecture on "Computer Networks" to IV B.Tech ECE Students on 10/10/2015, organized by Global college of Engineering & Technology, Kadapa.

- 20. Keynote Address on "Research issues in Wireless Mesh Networks" 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.
- 21. Delivered a lecture on "Women Entrepreneurs Indian Context" as Resource Person for the IEEE WIE Zonal Student Congress-20 I 6-Ananthapur Zone organized by GPREC, Kurnool, on 11th March 2016.
- 22. Delivered an invited talk on "Cyber Security Challenges and the way forward" UGC Sponsored National Conference on Academia Digital Transformation [Challenges and Opportunities] (NCADT-2017), Organized by Internal Quality Assurance Cell (IQAC), SSBN Degree College (Autonomous), Ananthapuramu, 15-16 Dec 2017.
- 23. Delivered an invited talk on "Digital Transformations- A new industrial revolution" on 15th September 2018 in view of Engineers Day being organized by IE (I) Ananthapuramu Local Chapter.
- 24. Delivered a lecture on "Security mechanisms based on Cryptography, User Authentication Techniques and Research Perspectives" on 10th June 2019 for the DST sponsored Two Week FDP on "Emerging Trends and Research Challenges in Cyber Security, Cryptanalysis and Cyber Physical Systems" from 10-21 June 2019 at Chadalawada Ramanamma Engineering College (Autonomous), Tirupati.

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 Students 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.
- ❖ 14 Ph.D.'s are completed, presently supervising 07 Research scholars for their Ph. D.

Number of Research publications:

International Journals: 119National Journals: 05International Conferences: 66National Conferences: 21

Performance Indices of Publications: (as on 21st August, 2019)

Total Citations : 270 h -Index : 07

i-10 Index : 06

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	2017

		Wireless Mesh Networks	
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
13	Mrs. E. Poornima (Reg.No. 13PH0525)	Secure Data Sharing for Multiple Dynamic Groups Using Attribute based Cryptography in Cloud	2019
14	C. Sasikala (Reg.No. 13PH0517)	Remote Data Integrity Checking Using Certificateless Cryptography in Cloud Storage	2019

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

S. No.	Names of Research scholars	Area of the Research
1	Mrs. P. Namratha	'Cloud Computing'
2	Mrs. B. Muni Lavanya	'Wireless Mesh Networks'
3	Mrs. P. Rohini	'Data Mining'
4	Mr. E. Sudheer Kumar (Supernumerary)	'Image Analysis'
5	Mr. K. Vivekananda Reddy (Supernumerary)	'Cloud Computing'

6	Mr. Ashraf Ali Shaik	'Machine Learning'
7	Mrs. Y. Anitha	'Network Security'

List of publications:

International Journals:

- 1. C. Shoba Bindu, Dr. P. Chandra Sekhar Reddy, Dr. B. SatyaNaryana, "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, October 2007. (Impact Factor: 3.765) DOI: https://doi.org/10.26634/jse.2.2.545
- 2. C. Shoba Bindu, Dr. P. Chandra Sekhar Reddy, Dr. B. SatyaNaryana, "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. (SCOPUS)
- 3. C. Shoba Bindu, Dr. P. Chandra Sekhar Reddy, Dr. B. SatyaNaryana, "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 (Impact Factor: 0.435 as per Global Impact Factor)
- 4. C. Shoba Bindu, Dr. P. Chandra Sekhar Reddy, Dr. B. SatyaNaryana, "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 (SCOPUS) (Impact factor: 0.94 as per Research Gate)
- 5. C. Shoba Bindu, Dr. P. Chandra Sekhar Reddy, Dr. B. SatyaNaryana, "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 (Impact Factor: 3.765 as per Google scholar).
- 6. Raj Mohammed, C. Shoba Bindu, Dr. P. Chandra Sekhar Reddy, Dr. B. SatyaNaryana "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 (Impact Factor: 3.765 as per Google scholar).
- 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 2009 (Impact Factor: 3.765 as per Google scholar). (SCOPUS)
- 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 2009 (Impact Factor: 3.765 as per Google scholar).

- 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. E. Poornima, C. Shoba Bindu, "Prevention of Wormhole Attacks in Geographic Routing Protocol", International Journal of Computer Network and Security (IJCNS), ISSN: 0975-8283 Vol. 3 No. 1, 2011 pp. 42-50
- 11. 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, 2011 (Impact Factor: 3.765 as per Google scholar).
- 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 Security, ISSN: 1738-7906, Vol. 11, No. 5, pp. 189-196, May 2011.
- 13. 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), Vol 23, No.7, pp.35-39 June 2011.
- 14. 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, Vol 2, No. 4, pp. 189-193, July 2011 (UGC Approved, Impact Factor: 5.845).
- 15. 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, No 4, July 2011, pp. 1427-1433 (Impact Factor 2.28).
- 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, No.4, pp. 750-760, July 2011 (UGC Approved Impact Factor: 4.08).
- 17. Inturi Sirisha, C. Shoba Bindu, "SENTRY: Transforming phishing detection into automatic fraud protection" International Journal of information technology and knowledge management ISSN: 0973-4414, Vol. 4, No. 2, pp. 545-547, July-Dec 2011 (UGC Approved Journal No: 2946 Impact Factor: 5.2).
- 18. 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 2011.

- 19. 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.
- 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 2012.
- 21. A. B. Surekha & C. Shoba Bindu, "Heterogeneous Tree Based Authenticated Group Key Transfer Protocol," Global Journal of Computer Science and Technology ISSN: 0975-4350, Vol 12, issue 7, pp. 33-39, April 2012.
- 22. K.Dhanasree, C. Shoba 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. 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.
- 24. 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. (SCOPUS)
- 25. Dasari Nagaraju, C. Shoba Bindu," Smart Worms Defense And Detection," International Journal of Internet Computing ISSN No: 2231 6965, Vol- 1, Issue- 4 2012.
- 26. Shanthi Ejarla, C. Shoba Bindu, "Ensuring QoS for dynamic reconfiguration of FIFO based systems" i-manager's Journal on Computer Science, ISSN: 2347-2227, Vol. 1 No. 3 September 2013 (Impact Factor: 0.650 as per Google scholar).
- 27. 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, Vol 3, Issue 11, November 2013.
- 28. 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, Vol 2, Issue 6, November 2013 (Impact Factor 2.54).
- 29. 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, Vol 2, Issue 12, December 2013.

- 30. 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 (Impact Factor 2.28).
- 31. D. J. Samatha Naidu, P. Chitti Babu, C. Shoba Bindu, A. Subramanyam, "A Dual Covered Broadcast Technique With Negative Acknowledgements To Avoid Piggybacking Neighbour Problems In Mobile Adhoc Networks," Publications Of Problems & Application In Engineering Research Paper ISSN: 2230-8547, Vol 04, Special Issue 01, 2013
- 32. 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, January 2014 (Impact Factor: 0.333 as per Google scholar).
- 33. 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, January 2014 (Impact Factor: 0.333 as per Google scholar).
- 34. 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, April 2014 (Impact Factor: 0.333 as per Google scholar).
- 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 (Scientific Journal Impact Factor 4.422). (SCOPUS)
- 36. 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, June 2014 (Impact Factor: 0.143 as per Google scholar). (SCOPUS)
- 37. G. Vijaya Kumar, C. Shoba Bindu, "A Study on Access Point Selection Algorithms in Wireless Mesh Networks," International Journal Advanced Networking and Applications ISSN: 0975-0290, Vol: 6 Issue: 1 Pages: 2158-2167, July-Aug 2014 (UGC Approved: 62587 / Impact Factor 3.22). (SCOPUS)
- 38. 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 (Impact Factor: 0.4 as per Google scholar).
- 39. 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 (Impact Factor: 0.4 as per Google scholar).
- 40. 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 (Impact Factor: 3.765).
- 41. 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. (https://doi.org/10.26634/jcom.2.3.3312) (Impact Factor: 3.765).
- 42. 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, Vol 10 Issue 1, October 2014. (Impact Factor: 1.012)
- 43. 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, Vol-4 Issue-5, November 2014. (Impact Factor: 1.275)
- 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, Vol 4, Issue 11, November 2014. (Impact Factor: 2.5)
- 45. C. Sreekanth Reddy, C. Shoba Bindu, "Remote User Authentication using Optical Character Recognition," Journal of Network and Information Security, ISSN: 2321-6859, Vol 2, Issue 2, December 2014. (UGC Approved)
- 46. 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, Vol 6, No. 1, Jan-Feb 2015. IF: 0.765
- 47. 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, January March 2015. https://doi.org/10.26634/jse.9.3.3471 IF: 3.765
- 48. 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.

- 49. C. Shoba Bindu, "," International Journal Secure Usable Authentication Using Strong Pass text Passwords of Computer Network and Information Security, ISSN: 2074-9090, Vol. 7, No. 3, February 2015. (DOI: 10.5815/ijcnis.2015.03.08) (SCOPUS)
- 50. 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. (IF: 0.467)
- 51. 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. IF: 0.467 (https://doi.org/10.26634/jit.4.2.3391)
- 52. Sreekanth Bandi, C. Shoba Bindu, "Simulation Analysis of TFRC in Wireless Networks," Journal of Network Communications and Emerging Technologies, ISSN: 2395-5317, Vol 2, Issue 1, May (2015). (UGC Approved No: 23955317)
- 53. 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, Vol 2, Issue 1, May (2015). (UGC Approved No: 23955317)
- 54. A. SaiPriya, C. Shoba Bindu, "To Pinpoint Colluding Attackers for Multitenant Software-as-a-Service Cloud Systems," International Journal of Modern Computer Science, ISSN: 2320-7868, Vol 3, Issue 2, June 2015.(IF: 1.249)
- 55. 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, Vol 3, Issue 2, June 2015.(IF: 1.249)
- 56. Ch. Keerthiprathyusha, 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, Vol 3, Issue 1, July (2015). (UGC Approved No: 23955317)
- 57. 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.(UGC Approved No:23954434) (IF: 4.45)
- 58. 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.
- 59. 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. (IF: 3.75)

- 60. Sumangalapatil, Dr. A. Nagaraja Rao, C. Shoba Bindu, "Techniques for Software Design Validation: A Survey," International Journal of Applied Engineering Research ISSN 0973-4562 Vol 10, Number 18 (2015) pp 39607-39610. (UGC Approved No: 23486406) (SCOPUS)
- 61. 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, Vol 10, Number 12 (2015) pp. 32175-32194. (UGC Approved No: 23486406) (SCOPUS)
- 62. K.Sireesha, C. Shoba Bindu, "Effective Access Point Selection for improving Throughput in Wireless LAN", Int. J. Advanced Networking and Applications, ISSN: 0975-0290, Vol: 07 Issue: 02, Pages: 2700-2704 (2015).(Impact Factor: 3.462) UGC
- 63. K. Dhanasree, C. Shoba Bindu, "CB-Pattern Trees: Identifying Distributed Nodes where Materialization is Available" International Journal of Data Mining & Knowledge Management Process (IJDKP), ISSN: 2230–9608, DOI: 10.5121/ijdkp.2016.6102, Vol.6, No.1, January 2016, pp: 13-25.
- 64. B. Muni Lavanya and C. Shoba Bindu, "Systematic Literature Review On Resource Allocation And Resource Scheduling In Cloud Computing", International Journal of Advanced Information Technology (IJAIT) Vol. 6, No.4, August 2016, ISSN: 2231 1920, DOI: 10.5121/ijait.2016.6401, pp: 1-15.
- 65. Nageswararao Sirisala, C. Shoba Bindu, "Recommendations Based QoS Trust Aggregation and Routing in Mobile Adhoc Networks," International Journal of Communication Networks and Information Security (IJCNIS), ISSN: 2076-0930, Vol. 8, No. 3, December 2016, pp.215-220. (SCOPUS)
- 66. P. Dileep Kumar Reddy, R. Praveen Sam, C. Shoba Bindu "Optimal Blowfish Algorithm based Technique for Data Security in Cloud" International Journal of business intelligence and data Mining, ISSN: 1743-8187, Vol. 11, No. 2, 2016, pp.171-189.(Scopus Cite Score: 0.61) (SCOPUS)
- 67. K. Dhanasree Devi, C. Shoba Bindu, "Pchrome: Indexing the distributed materialised views," International Journal of Information and Decision Sciences ISSN: 1756-7025, Vol. 9, No. 1, February 2017, pp. 77-96. (SCOPUS)
- 68. Nageswararao Sirisala, C. Shoba Bindu, "A Novel QoS Trust Computation in MANETs Using Fuzzy Petri Nets," International Journal of Intelligent Engineering and Systems, ISSN: 2185-3118, Vol.10, No.2, 30 April 2017, pp:116-125, DOI: 10.22266/ijies2017.0430.13 (Scopus Cite Score:1.03) (UGC Approved No:22983) (SCOPUS)
- 69. G. Vijay Kumar, C. Shoba Bindu, "A New Method of User Association in Wireless Mesh Networks," International Journal of Communication Networks and Information Security (IJCNIS), ISSN: 2076-0930, Vol. 9, No. 1, April 2017, pp.12-21. (SCOPUS)

- 70. E. Poornima, N. Kasiviswanath, C. Shoba Bindu, "Key Security Issues and Existing Solutions in Cloud Computing Applications," Indian Journal of Science and Technology, ISSN (Online): 0974-564, Vol 10(19), DOI: 10.17485/ijst/2017/v10i19/111016, May 2017, pp.1-7.(IC Value: 5.02)
- 71. L. Lakshmi, Dr. P. Bhaskara Reddy, Dr. C. Shoba Bindu, "An Effective nearest Keyword Search in Multifaceted Datasets," International Journal of Advanced Research in Computer Science, ISSN No. 0976-5697, Vol 8, No. 5, May June 2017, pp.1059-1063. (ICV 65.64)
- 72. K. K. Baseer, A. Rama Mohan Reddy, C. Shoba Bindu, "FPYM: Development and Application of a Fuzzy-based Poka-Yoke Model for the Improvement of Software Performance," Special Issue on Soft Computational Approaches for Risk Exploration in Global Software Development, International Journal of Innovative Computing and Applications, ISSN: 1751-6498, Vol. 8, No. 2, 27 June 2017. (https://dx.doi.org/10.1504/IJICA.2017.10005901). (SCOPUS)
- 73. L. Lakshmi, Dr. P. Bhaskara Reddy, Dr. C. Shoba Bindu, "Dynamic Tree Based Classification of Web Queries Using B-Tree and Simple Ordinal Classification Algorithm," Journal of Digital Information Management, ISSN: 0972-7272, Vol 15, No 3, June 2017, pp. 115-124. (SCOPUS)
- 74. G. Vijay Kumar, C. Shoba Bindu, "Liberal method of access point selection in wireless mesh networks," International Journal of Communication Networks and Distributed Systems, ISSN: 1754-3924, Vol. 19, No. 2, 07 July 2017. (https://dx.doi.org/10.1504/IJCNDS.2017.10006114) (SCOPUS)
- 75. P Dileep Kumar Reddy, R Praveen Sam, C Shoba Bindu, "A Tripartite Partite Key Assignment Scheme for Security of Cloud Data classes," Journal of Theoretical and Applied Information Technology, ISSN: 1992-8645, Vol.95. No 13, July 2017.pp. 3116-3126. (SCOPUS)
- 76. K. Ramya, C. Shoba Bindu, P.Dileep Kumar Reddy, "A Dynamic Proxy Oriented Approach for Remote Data Integrity checking along with Secure Deduplication in Cloud", International Journal on Future Revolution in Computer Science & Communication Engineering (IJFRCSCE), August 2017 Vol 3 Issue 8, ISSN 2454 4248, (UGC Approved), Impact Factor: 2.293 Journal No: 64076. (Impact Factor: 6.035)
- 77. T. Shirisha, C. Shoba Bindu, P Dileep Kumar Reddy, "Privacy-Preserving Location-Based Spatial Range Query over SS-Tree Index Structure" International Journal of Scientific Research in Computer Science, Engineering, and Information Technology," Vol 2 | Issue 4 | ISSN: 2456-3307. August 2017 (UGC Approved Journal No: 64718, Impact Factor: 2.293)

- 78. Gowthami Nandi, C. Shoba Bindu, P Dileep Kumar Reddy, "International Journal of Advanced Studies in Computer Science & Engineering," Enhancing Trust Results Accuracy using R&R Trust Management Techniques in Cloud Computing, Vol 6, Issue 08, August 2017, ISSN 2278 7917. (UGC Approved Journal No: 45435, Impact Factor: 7.40)
- 79. K Dronam Raj, C. Shoba Bindu, P Dileep Kumar Reddy, Improved Authentication and Protection of Data in the Cloud, "International Journal of Scientific Research in Science, Engineering, and Technology "Vol 3, Issue 5, Print ISSN: 2395-1990 | Online ISSN: 2394-4099. (UGC Approved Journal No: 47147, Impact Factor: 3.632)
- 80. V. Shobhitha, C. Shoba Bindu, P Dileep Kumar Reddy, "Efficient Network Coding Using Secure Cloud Storage Protocol," International Journal of Computer Science and Mobile Applications, Vol.5 Issue. 8, August- 2017, pg. 48-54, ISSN: 2321-8363, (UGC Approved Journal No: 63603, Impact Factor: 4.123)
- 81. S. Danisha, C. Shoba Bindu, P Dileep Kumar Reddy, "Secure Hybrid encryption using ECC in cloud" International Journal of advanced research in computer science, Vol 8 Issue No 7 (July-August 2017) ISSN: 0976-5697, (UGC Approved Journal No: 2503), Impact Factor: 5.845. DOI: https://doi.org/10.26483/ijarcs.v8i7.4465.
- 82. Manjushakonanki, C. Shoba Bindu, P Dileep Kumar Reddy, "Accurate and Efficient Nearest Keyword Set Search Using term frequency and Inverse document frequency in Datasets" International Journal of Emerging Technologies and Innovative Research(JETIR), ISSN:2349-5162, Vol.4, Issue 8, page no.157-161, August-2017 (UGC Approved Journal No: 63975), Impact Factor: 5.87.
- 83. Sudarshan. E, Ch. Satyanarayana, and C. Shoba Bindu, "Parallel Scheme for Multi-Pass QMAX and Multi-Rate QMIN on GPU," International Research Journal of Management Science & Technology, Vol 8 Issue 9, Sept-2017. ISSN: 2250 1959. (UGC Approved Journal No: 47959) Impact Factor: 5.8413.
- 84. P Dileep Kumar Reddy, C Shoba Bindu, R Praveen Sam, "Tri-Partite graph: a novel security scheme for cloud data," Computer Modeling & New Technologies, ISSN 1407-5814, 2017 21(2) pp. 41-47, (UGC Approved Journal No: 16520), Impact Factor: 3.
- 85. L. Lakshmi, Dr. P. BhaskaraReddy, Dr. C. Shoba Bindu, "Improved Distance Page Rank Algorithm," International Journal of Soft Computing, ISSN: 1816-9503, 12(1), 2017 pp. 26-30.
- 86. R. Raja Kumar, P. Viswanath, and C. Shoba Bindu, "Nearest Neighbor Classifiers: A Review," International Journal of Computational Intelligence Research, ISSN 0973-1873 Vol 13, Number 2 (2017), pp. 303-311. (SCOPUS)
- 87. Sudarshan. E, Ch. Satya Narayana, and C. Shoba Bindu, "A Secured Model to Reduce the E-Health Record with Lossless BCWT on the Hybrid Cloud,"

- International Journal of Applied Engineering Research, ISSN: 0973-4562, Volume 12, Number 16 (2017) pp. 5624-5630. (UGC Approved Journal No: 64529) (SCOPUS)
- 88. P Veeresh, R Praveen Sam and C Shoba Bindu, "Fuzzy Based Optimal QoS Constraint Services Composition in Mobile Ad Hoc Networks," International Journal of Communication Networks and Information Security (IJCNIS), ISSN: 2076-0930, Vol. 9, No. 3, December 2017, pp.491-499, (UGC Approved Journal No: 2747) (SCOPUS) Citescore: 1.44.
- 89. Sudarshan. E, Ch. Satyanarayana, and C. Shoba Bindu,"A Compact Parallel Huffman Entropy Coding Technique On GPGPU Using CUDA," ARPN Journal of Engineering and Applied Sciences, VOL. 12, NO. 24, December 2017, ISSN 1819-6608, pp.7111-7117. (UGC Approved Journal No: 8551) (SCOPUS) Citescore: 0.50.
- 90. VeereshPoola, Praveen Sam R, Shoba Bindu C, "Trust-Based QoS Constraint Service Composition in Mobile Ad Hoc Network using Service Fuzzy Petri Nets," Journal of Advanced Research in Dynamical and Control Systems Vol. 9. Sp- 18 /2017, ISSN: 1943-023x, pp. 3070-3088, (UGC Approved Journal No: 26301) (SCOPUS) Citescore: 0.31, Impact Factor: 7.5598.
- 91. Sudarshan. E, Ch. Satyanarayana and C. Shoba Bindu, "A Parallel Unit Encoding Stage for BCWT using GPGPU," Journal of Image Processing & Pattern Recognition Progress, Vol. 4 Issue 3, ISSN: 2394-1995, (2017) pp.13-23. (UGC Approved Journal No:47058)
- 92. M.Purushotham Reddy, B. Venkata Ramana Reddy, C. Shoba Bindu, "Lossy Image Compression Using Exponential Growth Equation and Encryption by Natural Exponential Function," Journal of Image Processing & Pattern Recognition Progress, Vol. 4 Issue 3, ISSN: 2394-1995. (2017) pp.1-10, (UGC Approved Journal No: 47058).
- 93. C. Shoba Bindu, K. K. Baseer, A. Sushma Deepth, "Improving the Readability of Automated Unit Test Case Generation," International Journal of Research, Vol 05 Issue 04, February 2018, e-ISSN: 2348-6848 p-ISSN: 2348-795X, pp. 1960-1973, (UGC Approved Journal No: 44396).Impact factor: 3.541.
- 94. K. Pushpa Rani, L. Lakshmi, C. Shoba Bindu, G. Ramu, "Scalable List wise Online Learning Algorithm For Ranking Using Map Metrics," International Journal of Pure and Applied Mathematics, Vol 118 No. 15 2018, 277-283 ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (online version), pp.277-282, (UGC Approved Journal No: 23425), impact factor:7.19.
- 95. Y. Sowmya, Dr. M Nagaratna, Dr. C Shoba Bindu, "M-Sanit: A Framework for Effective Big Data Sanitization Using Map Reduce Programming in Hadoop", Journal of Theoretical and Applied Information Technology, Vol.96. No 6 March

- 2018, ISSN: 1992-8645, pp.1596-1605, (UGC Approved Journal No: 11368) (SCOPUS).
- 96. S.Mahaboob Basha, C. Shoba bindu, C. Sasikala, P. Dileep Kumar Reddy, "Certificateless Public Auditing Protocol In Cloud", "International Journal of Research in Advent Technology (IJRAT)", Impact Factor: 5.153 (UGC Approved: 48768).Vol.6, No.5, May 2018 E-ISSN: 2321-9637, pp. 660-664
- 97. T. Mohan chowdary, C. Shoba bindu, P. Dileep Kumar Reddy, "Extracting User Interests From Weblog Through Time Frame Sequential Patterns", "International Journal For Research In Engineering Application & Management", Impact Factor: 5.646. ISSN: 2454-9150. (UGC Approved Journal No: 64077). Vol-04, Issue-02, May 2018, pp.413-416
- 98. C. Sasikala, C. Shoba Bindu, "Certificateless remote data integrity checking using lattices in cloud storage", Neural Computing & Applications (2018), Springer London. https://doi.org/10.1007/s00521-018-3546-6, ISSN: 0941-0643, (UGC Approved Journal No: 37535) (SCOPUS) Cite Score: 4.20.
- 99. K. Sudhaker, C. Shoba bindu, P. Dileep Kumar Reddy," Improving The Performance Of Spatial Reusability Aware Routing In Multi Hope Wireless Networks", IOSR Journal of Engineering (IOSRJEN) ISSN (e): 2250-3021, ISSN (p): 2278-8719 Vol. 08, Issue 6 (June. 2018), PP 48-53, Impact Factor: 1.645 (UGC Approved Journal No: 4814)
- 100. G. Manoranjan, C. Shoba bindu, P. Dileep Kumar Reddy, "Service composition using QoS parameters in Mobile Ad-hoc Networks", International Journal of Emerging Technologies and Innovative Research(JETIR), June 2018, Volume 5, Issue 06, pp. 380-385, ISSN:2349-5162, (UGC Approved Journal No: 63975, Impact Factor: 5.87)
- 101. M. Purushotham Reddy, B. Venkata Ramana Reddy, C. Shoba Bindu, "Image Compression Using Exponential Growth Equation anDd Discrete Cosine Transform", Journal of Advanced Research in Dynamical & Control Systems, Vol. 10, 01-Special Issue, 2018, pp. 165-174, ISSN 1943-023X, (UGC Approved Journal No: 26301) (SCOPUS) Cite Score: 0.31, Impact Factor: 7.5598.
- 102. L Lakshmi, Dr.P. Bhaskara Reddy and Dr.C.Shoba Bindu, "SLOLAR: Scalable Listwise Online Learning Algorithm for Ranking", Journal of Advanced Research in Dynamical & Control Systems, Vol. 10, 03-Special Issue, 2018, pp. 755-764, ISSN 1943-023X, (UGC Approved Journal No: 26301) (SCOPUS) Cite Score: 0.31, Impact Factor: 7.5598.
- 103. M. Purushotham Reddy, B. Venkata Ramana Reddy, C. Shoba Bindu, "The Lossless Medical Image Compression for Telemedicine Applications with Delimiter", Journal of Advanced Research in Dynamical and Control Systems, Vol. 10, 03, 2018, pp. 74-

- 79, ISSN 1943-023X, (UGC Approved Journal No: 26301) (SCOPUS) Cite Score: 0.31, Impact Factor: 7.5598.
- 104. C. Shoba Bindu, K. K. Baseer, V. Ravikanth, "Optimizing The Code Coverage By Controlling Environmental Dependencies in Unit Testing", i-manager's Journal on Software Engineering, Vol. 12, No. 3, January March 2018, pp. 8-15, ISSN: 0973-5151, Impact Factor: 3.765.
- 105. K. Shyam Sunder Reddy, C. Shoba Bindu, "RTDBSTREAM: A Real-Time Density-Based Clustering for Evolving Data Streams", Journal of Theoretical and Applied Information Technology, Vol.96. No 12, June 2018, pp. 3973-3983, ISSN: 1992-8645, (UGC Approved Journal No: 11368) (SCOPUS) Cite score: 0.67.
- 106. Eruvaram, P., Ramani, K. & Bindu, C.S., "An experimental comparative study on slide change detection in lecture videos", International Journal information Technology (2018). https://doi.org/10.1007/s41870-018-0210-4, Springer Singapore, July 2018, ISSN 2511-2104, (UGC Approved Journal No: 49273).
- 107. M. Purushotham Reddy, B. Venkata Ramana Reddy, C. Shoba Bindu, "An image encryption algorithm using logarithmic function and Henon-chaotic function", International Journal Computational Vision and Robotics, Vol. 8, No. 4, 2018, ISSN print: 1752-9131, (UGC Approved Journal No: 2765) (SCOPUS) Cite Score: 0.51.
- 108. Sumangala Patil, A. Nagaraja Rao, C. Shoba Bindu, "Class level software fault prediction using step wise linear regression", International Journal of Engineering & Technology, 7(4) (2018), pp. 2552-2557, ISSN: 2227-524X. (SCOPUS)
- 109. G.B. Hima Bindu, K. Ramani, C. Shoba Bindu (2018) 'Energy aware multi objective genetic algorithm for task scheduling in cloud computing', International Journal of Internet Protocol Technology, Vol. 11, No. 4, pp.242–249, ISSN: 1743-8209, (UGC Approved Journal No: 23010) (SCOPUS) Cite Score: 0.69.
- 110. Sasikala Chinthakunta and Shoba Bindu Chigarepalli, "Certificateless Dynamic Data Integrity Verification using Lattices in Cloud Storage", International Journal of Grid and Distributed Computing, Vol. 11, No. 10 (2018), pp.65-74, http://dx.doi.org/10.14257/ijgdc.2018.11.10.06, ISSN: 2005-4262, (UGC Approved Journal No) (SCOPUS) Cite Score: 0.17..
- 111. K. Dhana Sree, C. Shoba Bindu, "Data Analytics: Why Data Normalization", International Journal of Engineering & Technology, 7 (4.6) (2018), pp. 209-213, ISSN: 2227-524X (SCOPUS)
- 112. Y. Sowmya, M Naga Ratna, C Shoba Bindu, "Differential Privacy Based Solution for Protecting Privacy of Big Data", International Journal of Computer Sciences and Engineering, Vol.-6, Issue-6, June 2018, pp. 707-713, E-ISSN: 2347-2693, (UGC Approved Journal No: 63193).

- 113. Y. Sowmya, M Naga Ratna, C Shoba Bindu, "M-Sanit: Evaluation of Misusability Measure Based Big Data Sanitization", International Journal of Pure and Applied Mathematics, Vol 119 No. 18 2018, pp. 1859-1870, ISSN: 1314-3395, (UGC Approved Journal No: 23425), Impact Factor: 7.19.
- 114. K. Shyam Sunder Reddy, C. Shoba Bindu, "StreamSW: A Density-based Approach for Clustering Data Streams over Sliding Windows", Measurement (2018), doi: https://doi.org/10.1016/j.measurement.2018.11.041, ISSN: 0263-2241 (UGC Approved Journal No: 4127) (SCIE).
- 115. Shaik Imam Saheb, Khaleel-Ur-Rahman Khan, C. Shoba Bindu, "An Intersection Point Based Optimal Node Placement Algorithm for Wireless Sensor Networks". International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-8 Issue-8, June 2019. (SCOPUS) Cite Score: 0.05, Impact Factor: 5.54
- 116. P. Namratha, C. Shoba Bindu and S. Sri Lakshmi, "Key Generation and Encryption Using Laplace Transform for Data Security in Cloud". Journal of Advanced Research in Dynamical and Control Systems, Volume 11, Issue 6, July 2019, pp. 174-180. ISSN: 1943-023X (UGC Approved Journal No: 26301) (SCOPUS) Cite Score: 0.31.
- 117. E.Poornima, N.Kasiviswanath, C. Shoba Bindu "ADaas: A Secure Attribute Based Group Signature based Agri-Cloud Framework" International Journal of Advanced Intelligence Paradigms), Inderscience Publishers, ISSN:1755-0386 (UGC Approved Journal No: 2498) (SCOPUS) Cite Score: 0.62. http://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=ijaip (In Press)
- 118. C.Sasikala and C.Shoba Bindu "Certificateless Batch verification protocol to ensure data integrity in multi cloud using Lattices", International Journal of Internet Protocol Technology (IJIPT-Inderscience, ISSN: 1743-8217). (UGC Approved Journal No: 23010) (SCOPUS) Cite Score: 0.69) https://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=ijipt (In Press)
- 119. M. Sobhitha, C.Shoba Bindu and E. Sudheer Kumar. "Multi-Focus Fused Image Using Inception-Resnet V2", International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-8 Issue-10, August 2019. (SCOPUS)

National Journals:

1. C. Shoba Bindu, Dr. P. Chandra Sekhar Reddy, Dr. B. SatyaNaryana, "Improvements to security enhancement for a Dynamic Id-based remote user authentication scheme," National Journal of Computer Science, ISSN 0973-2926, vol. 2, no. 4, pp. 332-337, Jan-Feb 2007.

- 2. C. Shoba Bindu, Dr. P. Chandra Sekhar Reddy, Dr. B. SatyaNaryana, "An efficient password authentication protocol," Engineering Today, vol. IX, pp. 53-58, July 2007.
- 3. C. Shoba Bindu, K Dhanasree "Graph theory: Applications in Various Fields," Computer Society of India communications, ISSN: 0970-647X, May 2014, Page No: 10-11.
- 4. K Dhanasree, C. Shoba Bindu, "Pchrome: An alternative Molap Indexing," Computer Society of India communications, ISSN: 0970-647X, Volume No. 39, Issue No. 7, October 2015.
- 5. C. Shoba Bindu, E Sudheer Kumar, K K Baseer, "An Essence of Soft Computing Techniques on Software Development Life Cycle," Computer Society of India communications, ISSN: 0970-647X, Volume No. 40, Issue No. 12, March 2017.

Book Chapters:

- 1. R. Raja Kumar, P. Viswanath and C.Shobha Bindu, "Data Compaction Techniques", Modern Technologies for Big Data Classification and Clustering, A volume in the Advances in Data Mining and Database Management (ADMDM) Book Series, IGI Global, 2018, pp. 64-98, DOI: 10.4018/978-1-5225-2805-0.ch003. (SCOPUS)
- 2. Shoba Bindu C., Sasikala C. (2019) Security in Ubiquitous Computing Environment: Vulnerabilities, Attacks and Defenses. In: Ubiquitous Computing and Computing Security of IoT. Studies in Big Data, vol 47, Pages 101-127. Springer, Cham, DOI: https://doi.org/10.1007/978-3-030-01566-4_5.
- 3. Krishna N.B., Krishna S.M., Bindu C.S. (2019) Hybridizing Spectral Clustering with Shadow Clustering. In: Soft Computing and Medical Bioinformatics. Springer Briefs in Applied Sciences and Technology. Springer, Singapore, pp. 39-46, DOI: https://doi.org/10.1007/978-981-13-0059-2 5. (SCOPUS)

International Conferences:

- 1. C. Shoba Bindu et al., "A modified Dynamic ID-based remote user authentication scheme", Recent Trends in automation & its adaptation to industries, July 11-14, 2006, Priyadarshini College of Engg. & Architecture, Nagpur, India.
- 2. Md. Misbahuddin, Md. Aijaz Ahmed, A. Ananda Rao, C. Shoba Bindu, M.A MuqsitKhan "A Novel dynamic ID-Based remote user authentication scheme", IEEE INDICON 2006 Conference on Emerging trends in ICT, Sept 15- 17, 2006, New Delhi, India. (SCOPUS)
- 3. C. Shoba Bindu, Dr. P. Chandra Sekhar Reddy, Dr. B. SatyaNaryana, "Low computation Cost Password-authenticated key agreement using smart cards for mobile communications", Mobile ubiquitous and pervasive computing, Dec 16-19, 2006, VIT, Vellore, TN.

- 4. T. Jyothsna, C. Shoba Bindu, "Security enhancements to mutual authentication and key exchange for low power wireless communication", Information Technology INTL-INFOTECH 2007, March 19-21, 2007, Haldia Institute of Technology, W.B, India
- 5. C. Shoba Bindu, Dr. P. Chandra Sekhar Reddy, Dr. B. SatyaNaryana "Improved low computation cost user authentication scheme for mobile communication", Information Technology INTL-INFOTECH 2007, March 19-21, 2007, Haldia Institute of Technology, W.B, India
- 6. C. Shoba Bindu, Raj Mohammed, Dr. P. Chandra Sekhar Reddy, Dr. B. SatyaNaryana "A novel cognition based Graphical Authentication scheme which is resistant to shoulder-surfing attack", 2nd International conference on Information Processing, ICIP 2008, August 18-20, 2008, University Viseswaraiah College of Engineering, Bangalore. (SCOPUS)
- 7. Harinatha Reddy Yanamala, C. Shoba Bindu, "Enhanced Behavioral Biometric Authentication", International Conference on Computing, Communication and Networking, Dec 18-20, 2008, Chettinad College of Engineering & Technology,
- 8. Shyam Sunder Reddy K, C. Shoba Bindu, "A novel approach for routing Misbehavior detection in MANETS" International Conference on Web Sciences, Jan 10-11, 2009, KLC college of Engineering, Guntur.
- 9. Gowriswara Rao G, C. Shoba Bindu, "Cheating prevention in Visual Cryptography" International Conference on Web Sciences, Jan 10-11, 2009, KLC college of Engineering, Guntur
- 10. E. Poornima, C. Shoba Bindu, S.K Munwar, "Detection and Prevention of Layer-3 Wormhole Attacks on Boundary State Routing in AdHoc Networks", International Conference on Advances in Computer Engineering, June 20-June 21, 2010, Bangalore, India. (SCOPUS)
- 11. C. Shoba Bindu et al., "A comprehensive and logical framework for an enterprise network security management" International Conference on Innovative Research In Engineering And Technology, 12, 13 & 14 August 2010, Coimbatore, India.
- 12. C. Shoba Bindu et al., "An efficient Inter Domain Routing Protocol" International Conference on Innovative Research in Engineering and Technology, 12, 13 & 14 August 2010, Coimbatore, India.
- 13. C. Shoba Bindu et al., "Redescription Data Mining" International Conference on Innovative Research In Engineering And Technology, 12, 13 & 14 August 2010, Coimbatore, India.
- 14. C. Shoba Bindu et al., "Multi-Dimensional Password For More Secure Authentication" International Conference on Innovative Research In Engineering

- And Technology, 12, 13 & 14 August 2010, Coimbatore, India.
- 15. C. Shoba Bindu et al., "An efficient remote user authentication using pass text", International Conference on Computer Engineering & Technology, Dec12-Dec14, 2010, Jodhpur, India.
- 16. P. Doravelu Reddy, C. Shoba Bindu, "Implementation of Network-Based Worm Infection and Detection", International Conference on Advanced Computing, Communication and Networks'11, June2-June3, 2011, Chandigarh, India.
- 17. K. DhanaSree, C. Shoba Bindu, "The CROME Based Computing of Redundant Data Cubes", International Conference on Advanced Computing, Communication and Networks'11, June2-June3, 2011, Chandigarh, India.
- 18. Manasa Pujari, C. Shoba Bindu, "Advanced Software Navigation", International Conference on Computer Science and Information Technology, 24-25 July 2011, IIMT, Bhubaneswar.
- 19. Siddu Hussain V, C. Shoba Bindu, "K-anonymity on Dynamic Data System", International Conference on Computer Science And Information Technology, 24-25 July 2011, IIMT, Bhubaneswar.
- 20. B. Hari Prasad, C. Shoba Bindu, "Blocking Buffer Overflow Attacks Using Static Analysis", International Conference On Computer Science And Information Technology, 24-25 July 2011, IIMT, Bhubaneswar.
- 21. 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.
- 22. C. Shoba Bindu et al., "Framing the Principles Involved in the Design of Software Architecture to achieve Quality Attributes", International Conference on Science, Engineering and Technology, Nov 17-19, 2011, Vol. 5, pp. 739-746. ISBN-13: 978-81-923320-3-1, SET, VIT University, Vellore-632 014, TN, India.
- 23. Dasari Nagaraju, C. Shoba Bindu, "Smart Worms Defense and Detection", International Conference on Computer Science and Information Technology, May 19th, 2012, ICCSIT, Bangalore.
- 24. C. Shoba Bindu et al., "Information Fusion for Online Intrusion Alert Aggregation" International Conference on Computer Science and Engineering, IC on CS&E, India,
- 25. Sai Bharath Kadati, K. K Baseer, A. Ram Mohan Reddy, C. Shoba Bindu, "An M2MC based approach for mapping two ADL models", International conference on computational science, Engineering and Information Technology, October 26-28, Pages:508-516, ACM 978-1-4503-1310-0/12/10, CCSEIT'12-ACM, Coimbatore, India. (SCOPUS)
- 26. R Raj Kumar, P. Viswanath, C. Shoba Bindu, "A new Prototype selection method for

- nearest neighbor classification.", International Conference on Advances in communications, Network, and computing, CNC, Feb 21-22. 2014, Chennai, India. (SCOPUS)
- 27. K. K Baseer, A. Ram Mohan Reddy, C. Shoba Bindu, "Quantitative Validation of Poka-Yoke approach using Regression Coefficients and Analysis of Variance", International Conference on Eco-friendly Computing and Communication Systems, December 18-21, 2014, ICECCS2014, NITK Surathkal. (SCOPUS)
- 28. K. K Baseer, A. Ram Mohan Reddy, C. Shoba Bindu, "Quantifying Poka-Yoke in HQLS: A new approach for High Quality in Large-Scale Software Development", 49th Convention of CSI on Emerging ICT for Bridging Future (CSI-2014), December 12-14, 2014, Hyderabad. (SCOPUS)
- 29. Nageswararao Sirisala, C. Shoba Bindu, "Weight age Based Trusted QoS Protocol in Mobile Adhoc Networks", 2014 IEEE Global Conference on Wireless Computing and Networking (GCWCN), December 22-24, 2014, Sinhgad Technical Education society's Sinhgad Institute of Technology, Lonavala. (SCOPUS)
- 30. C. Shoba Bindu, "Click based Graphical CAPTCHA to thwart Spyware attack", 5th IEEE International Advance Computing Conference (IACC-2015), June 12-13, 2015, BMS College of Engineering, Bengaluru. (SCOPUS)
- 31. G. Vijay Kumar, C. Shoba Bindu, "Improving Performance of Wireless Mesh Networks through User Association Method", 2nd International Conference on Computer and Communication Technologies (IC3T 2015), July 24-26, 2015, CMR Technical Campus, Hyderabad. (SCOPUS)
- 32. Mr. Raj Mohammed Mohd, Dr. C. ShobaBindu, Dr. D. Vasumathi, "User Persuasion towards Passwords Graphical Text Passwords", International Conference on Innovations in Computer Science and Information Technology (ICICSIT -2015), MGIT, Hyderabad, India, 28th & 29th August 2015.
- 33. S. Nageswara Rao, C. Shoba Bindu, "Uncertain Rule-based Fuzzy Logic QoS Trust Model in MANETs" Advanced Computing and Communications Conference (ADCOM 2015), 18 20 September 2015, Indian Institute of Technology Madras. (SCOPUS)
- 34. Rathnamma Gopisetty, T Ragunathan, C.Shobha Bindu, "Support-Based Prefetching Technique for Hierarchical Collaborative Caching Algorithm to Improve the Performance of a Distributed File System", 7th International Symposium on Parallel Architectures, Algorithms and Programming, PAAP (2015) on December 12-14, 2015, Nanjing University of Posts and Telecommunications (NUPT), China IEEE, DOI 10.1109/PAAP.2015.28. (SCOPUS)
- 35. K. DhanaSree, C. Shoba Bindu, "SPS: Distributed View Indexing", 2015 IEEE International Conference on Computational Intelligence and Computing Research,

- 10-12 December 2015, Vickram College of Engineering, Madurai. (SCOPUS)
- 36. E. Poornima, N. Kasiviswanath, C. Shoba Bindu, "Secure Data Sharing for Multiple Dynamic Groups in Cloud", 2015 Conference on Power, Control, Communication and Computational Technologies for Sustainable Growth (PCCCTSG), 11-12 December 2015, G. Pulla Reddy Engineering College, Kurnool. (SCOPUS)
- 37. R. Raj Kumar, P. Viswanath, C. Shoba Bindu, "An Approach to Reduce the Computational Burden of Nearest Neighbor Classifier", International Conference on Computational Modeling and Security (CMS 2016), RLJIT, Doddaballapur, Bengaluru, Karnataka, India, February 11-13, 2016, Publisher: Elsevier Science Procedia Technology. (SCOPUS)
- 38. R. Raj Kumar, P. Viswanath, C. Shoba Bindu, "Nearest Neighbor Classifiers: Reducing the Computational Demands", 6th IEEE International Advance Computing Conference (IACC-016) February 27-28, 2016, SRKR Engineering College, Bhimavaram, Andhra Pradesh, India, Publisher: IEEE
- 39. C. Shoba Bindu, A. Yugandhar Reddy, P. Dilip Kumar Reddy, "Intelligent SRTF: A New Approach to Reduce the number of context switches in SRTF", 28-30 May 2016,1st International Conference on Computational Intelligence and Informatics (ICCII 2016), JNTUH College of Engineering, Hyderabad, Telangana, India. (SCOPUS)
- 40. Raj Mohammed Mohd, C. Shoba Bindu, D. Vasumathi, "Secure User Authentication with Graphical Passwords and PassText", 28-30 May 2016, 1st International Conference on Computational Intelligence and Informatics (ICCII 2016), JNTUH College of Engineering, Hyderabad, Telangana, India. (SCOPUS)
- 41. R. Raj Kumar, P. Viswanath, C. Shoba Bindu "A cascaded method to reduce the computational burden on nearest neighbor classifier", 28-30 May 2016, 1st International Conference on Computational Intelligence and Informatics (ICCII 2016), JNTUH College of Engineering, Hyderabad, Telangana, India.
- 42. M. Vasavi, C. Shoba Bindu, "Mobile Relay Based Topology control Algorithm for energy efficiency in Mobile Ad Hoc Networks" 20-21October 2016, International Conference on Emerging Trends in Engineering Research (ICTER'16), Vels University, Chennai.
- 43. Kumari A S, C. Shoba Bindu, "Multipath Routing using feedback based mechanisms in wireless mesh networks" 20-21 October 2016, International Conference on Emerging Trends in Engineering Research (ICTER'16), Vels University, Chennai.
- 44. Vellori Gowthami, C. Shoba Bindu, "Novel signature mechanisms for multi-view plus depth 3D videos" 20-21October 2016, International Conference on Emerging Trends in Engineering Research (ICTER'16), Vels University, Chennai.
- 45. P. Hemavathi, C. Shoba Bindu, "Improving the recognition accuracy of natural facial

- expression" 20-22 October 2016, International conference on advanced computing and communications (ICACC-2016), Shri Vishnu Engineering college for women, Vishnupur, Bhimavaram.
- 46. L Lakshmi, Dr. P. Bhaskara Reddy, and Dr. C. ShobaBindu, "A Comparative Study of Navigation Techniques and Information Retrieval Algorithms for Web Mining", 25-27 October 2016, International Conference on Soft Computing Techniques in Engineering and Technology (ASCTET)-2016, St.Peter's Engineering College, Hyderabad.
- 47. 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.
- 48. K. Dhanasree, C. Shoba Bindu, "A survey on OLAP", 15 17 December 2016, IEEE International Conference on Computational Intelligence and Computing Research (ICCIC), Agni College of Technology, Chennai. (SCOPUS)
- 49. 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. (SCOPUS)
- 50. 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. (SCOPUS)
- 51. 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. (SCOPUS)
- 52. P. Dilip Kumar Reddy, R. Praveen Sam, C. Shoba Bindu, "A Tripartite 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. (SCOPUS)
- 53. 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. (SCOPUS)
- 54. 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. (SCOPUS)
- 55. Lakshmi L., Bhaskara Reddy P., Shoba Bindu C. (2018) Dynamic Navigation of Query Results Based on Hash-Based Indexing Using Improved Distance PageRank Algorithm. International Conference on Artificial Intelligence and Evolutionary Computations in Engineering Systems (ICAIECES-2017), vol 668. Springer, Singapore. (SCOPUS)
- 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. 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. (SCOPUS)
- 61. 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.

- 62. 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.
- 63. 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.
- 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.
- 65. Sudheer Kumar E., Shoba Bindu C. Medical Image Analysis Using Deep Learning: A Systematic Literature Review. In: Emerging Technologies in Computer Engineering: Microservices in Big Data Analytics (ICETCE 2019). Communications in Computer and Information Science, vol 985, pp 81-97, 18th May 2019, Print ISBN: 978-981-13-8299-4, Online ISBN: 978-981-13-8300-7, https://doi.org/10.1007/978-981-13-8300-7 8. Springer, Singapore.
- 66. Raj Mohammed Mohd, C. Shoba Bindu, D. Vasumathi "Authentication using User drawn Passdoodles" Springer Proceedings of International Conference on Networks and Cryptology(NetCrypt'2019) held at JNU, New Delhi. (In Press).

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. ZahoorUlHuq, 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. ZahoorUlHuq, 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. A. ChnadraLekha, 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 Institute of Tech. Durg (C.G).
- 8. C. 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. C. 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, SinyadInistitute of Technology, Lonavala.
- 11. A. 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, Banglore.
- 12. C. 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 Technology, 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. A. 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.
- 19. K. Naveen, C. Shoba Bindu, "Certificateless Data Integrity Checking and Data Sharing with Sensitive Information Hiding in Cloud Storage", DST Sponsored National Conference on Recent Advancements in Computer Science (CON-RACS 2019), 26-28 July 2019, at Mahatma Gandhi National Institute of Research & Social Action, Hyderabad.
- 20. N. Saddam Hussain, C. Shoba Bindu, "An Enhanced Deep Learning Method for Video Retrieval", DST Sponsored National Conference on Recent Advancements in Computer Science (CON-RACS 2019), 26-28 July 2019, at Mahatma Gandhi National Institute of Research & Social Action, Hyderabad.
- 21. K. Vineeth Reddy, C. Shoba Bindu, "Intensifying The Accuracy Of Finger-Vein Image Identification Using Convolutional Neural Networks", DST Sponsored National Conference on Recent Advancements in Computer Science (CON-RACS 2019), 26-28 July 2019, at Mahatma Gandhi National Institute of Research & Social Action, Hyderabad.

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
- Sri Venkateswara 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.
- ***** Expert member for Professor Selection Committee in Bangalore University.

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 University, 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.
- 19. Organized a National Level Student Symposium "PIXEL2K19" in JNTUCEA, Ananthapuramu, during 22-24 March 2019, JNTUA, as Coordinator.
- 20. Organized a Two-Day Workshop On Deep Learning Using Python in JNTUCEA, Ananthapuramu, during 23rd-24th Mar 2019, Sponsoring Agency by TEQIP-III and IEEE Ananthapuramu Subsection & IEEE CIS/GRSS Joint Chapter, Hyderabad, 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 Technology" (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" during 18/10/10 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.
- 34. Attended one day Workshop on "Awareness on Career Growth Prospects for Reliability Engineering Professionals with Industry Collaborations" on 21st June 2019, organized by 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

References:

- 1. Dr. Y. Venkatarami Reddy, Former member UPSC Presently, staying at Anantapur, Mobile: 9494177799
- 2. Dr. M. Surya Kalavathi, Professor of EEE Director School of Continuing and Distance Education (SCDE), JNTU Hyderabad, Hyderabad, Mobile: 9440763393