Dr B.S. Shylaja

Contact Address:

Professor

Department of Information Science and Engineering

Dr.Ambedkar Institute of Technology,

Outer Ring Road, Near GnanaBharathi

Bengaluru-560056,

Karnataka –INDIA

Email ID: shyla.au@gmail.com

Scopus ID:
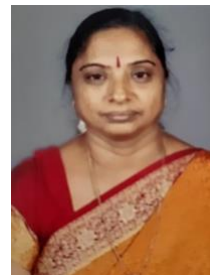https://www.scopus.com/authid/detail.uri?origin=resultslist&authorId=56373538900&zone

Googlr scholar id:
https://scholar.google.co.in/citations?user=M8Dc7ZAAAAAJ&hl=en

Telephone:

Office: +9180-23211231,

Mobile: +91-9538881302

Education:

Ph. D. **[Information and Communication Engineering, Area: Vehicular Ad hoc Networks (VANETs)]:**

Year of Passing: **2011**

Anna University (FULL TIME under AICTE-QIP Programme)

Chennai-600025, Tamil Nadu , INDIA

M. S. [Computer Science and Engineering]:

Year of Passing: **1994,** Division/Class: **First**

Birla Institute of Technology and Science, Pilani, Rajasthan, INDIA

B. E. [Computer Science and Engineering]: June' 1983 – July' 1987

Year of Passing: **1987,** INDIA Division/Class: **First Class with Distinction**

Department of computer Science and Engineering

PES college of Engineering, Mandya -571401, Mandya, karnataka,

IPR -PATENTS PUBLISHED: - THREE

1. "A Single Assistive device for deaf dumb and blind " IPR published on 4-12-2020, application no: 202041050523 by Dr B S Shylaja and others
2. "IOT based Intelligent system thereof" IPR Published on 6-11-2020 Application No:202041047145 by Dr B S Shylaja and others
3. "Two-way Smart Communication between Physically Challenged and Normal People" dated 13-08-2021 IPR Journal Issue in Patent office Journal 33/2021 pp No.35811 by Dr B S Shylaja and others (application no:202141034583)

AICTE Funded Projects: TWO

1. AICTE funded Rs 250000/-RPS on "Design and development of application package to optimize cloud storage for cloud users" is approved by AICTE from 7/5/2013-7/5/2016.

2. AICTE funded Rs 500000/-EDC grant-in-aid for meeting expenses for establishing and implementing EDC activities for 2 years starting from financial year 2013-14.

Present Research Area and PhD Supervisor

Cloud Computing and Technologies, Vehicular Ad hoc Networks (VANETs), Wireless Sensor Networks.

Ph D Guidance : Supervisor for Ph D Scholars under VTU (awarded -5, pursuing-3)

1. Ph Ds awarded : **DHARANI KUMARI N.V - 2015**
   BHASKER R -2020
   Deepu.S.R -2023
   Satish B Basapur -2023
   Juothi.S -2023
2. **Presently guiding 3 Ph D research Scholars.**

Academic Experience: Teaching -36 years

Oct 2012 till date: **Professor,**

Dept of Information Science and Engineering,

Dr.Ambedkar Institute of Technology, Bangalore.

Subjects Taught: Cloud Computing, Unix and Shell Programming, Network

Security and cryptography, Storage Area Networks, Computer Networks,

Data communications, Ethical hacking etc.

Nov' 1997 - Oct'2012: Asst Professor,

Dept of Information Science and Engineering,

Dr.Ambedkar Institute of Technology, Bangalore.

Subjects Taught:

Data structures, Computer Concepts, Theoretical Foundation of

Computer Science, System Programming, Software Engineering .

Jan' 1991 - Nov'1997: Lecturer,

Dept of Information Science and Engineering,

RV College of Engineering, Bangalore.

Subjects Taught:

Data structures,Computer Organization, Theoretical Foundation of

June 1988 -Dec'1990: Lecturer,

Dept of Computer Science and Engineering,

G.V.E.T , K.G.F

Subjects Taught:

Microprocessors, Theoretical Foundation of Computer Science, System

Programming, Software Engineering, Programming Languages.

Administrative Experience

- H.O.D -Headed the department of Information Science and Engineering, Dr.AIT, Oct 2012-Nov 2018.
- TPO-Placement Officer Dr.AIT from 2001 to 2007 was the sole person to take placements from zero to 100 percent by bringing companies such as TCS, Wipro, Infosys, Sasken, Techmahendra, Accenture ,Capgemimi, Siemens etc for campus recruitments.
- EDC chief-officer-in-charge Dr.AIT from 2011 to 2016
- Secretary for Alumni Association Dr.AIT from 2013 to 2016
- MPCC (Malpractice Consideration Committee) member from 2013 to till date.
- QEEE and EDUSAT Coordinator Dr.AIT
- NCSSS (National Cyber Safety and Security Standards) Chief Coordinator Dr.AIT from 2017.
- PG Studies-Head -Dr.AIT from Nov 2018 till date

- NBA, NAAC, NIRF ranking, PG programs Coordinator Dept. Of ISE Dr.AIT

International Journals

[1] Shylaja B.S, Mary Anita Rajam, V. and Uma Maheswari, V. and Siromoney, A. Performance Study of Threshold Variations in Temporal Decision Systems for Routing in Vehicular Adhoc Networks. In Journal of Computer Science, ISSN: 1549-3636, 6(12):1473-1478, November 2010.

[2] Shylaja B.S, Mary Anita Rajam, V. and Uma Maheswari, V. and Siromoney, A.(2011). Optimal Next Hop Selection for Routing in VANETs based on Weighted Temporal Decision Systems. In Journal of Computational and Information Systems, ISSN: 1553-9105, 7(2): 327—333, February 2011.

[3] Shylaja B.S, Mary Anita Rajam, V. and Uma Maheswari, V. and Siromoney, A.(2011). Performance Evaluation of Rough Set Theory Based Routing Protocols for vehicles moving at High Velocities. In International Journal of Information Processing, ISSN: 0973-8215, 4(4):36—42, 2011.

[4] Bhaskar, Deepu.S R and Shylaja.B.S , (2012)." Dynamic Allocation Method for efficient load balancing in virtual machines for cloud computing environment " inintl journal Advanced Computing: an International Journal (ACIJ),ISSN: 2229-6727, NO. 5,pg:53-61.

[5] Bhavana.R. Khushboo Gupta and Shylaja .B.S (2012),"Performance Evaluation of Topology based Routing Protocols for VANETs in Urban Scenarios in Proceedings of ARTCOM -2012.

[6] DeepuS R,Bhaskar R, Shylaja B S. (2014)." Performance comparison of deduplication techniques for storage in cloud computing environment." .in Asian Journal of Computer Science And Information Technology.ISSN 2249 -5126, Vol (5), pages 42-46

[7] Dharani Kumari, Shylaja.B S, Sreelakshmi (2015) Evaluation of Performance of GPSR protocol for Indian Road Network Scenario" published in International Journal of Computer Networks (IJCN) ,Volume Issue (1)

[8] Anushree, Shylaja B S (2015)"Enabling Secure and Dependable Client Side Deduplication in Large Cloud Computing " published in International Journal of Innovative Research in Science, Engineering and Technology. Vol. 4, Issue 5, May 2015 IJIRSET DOI: 10.15680/IJIRSET.2015.0405124 3704

[9] Shylaja B S, Sunil kumar B K (2015) "An optimized method for securing data stored in cloud using decentralized access control mechanism" published in International Journal for Scientific Research and Development, e-journal(IJSRD) Volume 3. Issue 5, July 2015.

[10]   Roopini, Shylaja.B.S (2015)" Survey on Environmental Energy Harvesting Techniques used for Optimizing Energy in WSN" published in IJLTEMAS, Volume 4, November 2015, issue 11,page 44-46, ISSN 2278-2540

[11]   Bhasker R, Shylaja.B.S (2016) " Knowledge Based Reduction Technique for Virtual Machine Provisioning in Cloud Computing ",published in International Journal of Computer Science.

[12]   Nataraj Y Kannur, DrShylaja B S (2016),"A Heuristic Approach to Enhance the Energy Consumption, Packet Delay and Lifetime in Wireless Sensor Networks" published in International Journal of Science, Engineering and Technology Research (IJSETR) Volume 5, Issue 5, May 2016, ISSN: 2278 – 7798.

[13]   DharaniKumari N.V, Shylaja B.S.: AMGRP: AHP-basedMultimetricGeographicalRouting Protocol for Urbanenvironment of VANETs", Elsevier Journal of King SaudUniversity-Computer and Information Sciences(2017), ISSN 1319-1578, http://dx.doi.org/10.1016/j.jksuci.2017.01.001.

[14]   DharaniKumari N.V, Shylaja B.S, Jayalakshmi M.(2017), SCGRP: SDN-enabledConnectivityawareGeographicalRouting Protocol of VANETs for urbanenvironment",ISSN 2047-4954,doi: 10.1049/iet-net.2016.0117

[15]   Sushmitha G, RakeshKumar,HarshithaH M, Arpitha, B.S.Shylaja (2017),"Rapid Entire Body Postural Analysis Assessment Device ", Published in International Journal for Scientific Research and Development" , (IJSRD), ISSN 23210613, Vol 5, issue 3, May 2017.

[16]   Arpitha Martin, B S Shylaja (2017), " Forward Security for cost effective Authentic and Anonymous, sharing and Auditing Service" published in International Research Journal of Engineering and Technology (IRJET) Volume 4, Issue 5 , May 2017 page:645.

[17]   Chaithra P, B S Shylaja,(2017), " Intelligent Traffic Management in SDN" published in International journal in Engg. and Research (IJERT),ISSN 22780181, Vol 6, Issue 5, May 2017.

[18]   DharaniKumari N V, Shylaja B.S, Jayalakshmi M,(2018), "CISRP: connectivity aware Intersection based Shortest path Routing Protocol for VANETS in urban environment, in IET Journal of Networks PP.21, DOI: 10.1049/iet-net.2017.0012, Online ISSN-2047-4962.

[19]   Dr B.S.Shylaja, Niveditha(2018), "healthcare monitoring system based IoTon using android mobiles and sensor's" In Journal of Emerging Technologies and Innovative Research, (ISSN-2349-5162), Volume 5, Issue 6, June 2018,   Pp no 311-315

[20]   Dr B.S.Shylaja, DishaNadig (2018)" Cyber-bulling Detection in view of Semantic Enhanced Marginalized Denoising Auto Encoder " in IJSRD - International Journal for Scientific Research& Development| ISSN (online): 2321-0613,Vol. 6, Issue 03, 2018 |,1 June 2018

[21]   B.S.Shylaja, Shifali(2018),"Automation of Nokia Flexi Multiradio-10 BTS in IDD-4UD Configuration" is published in June Edition ofIJCSE(International Journal of Computer Sciences and Engineering). IJCSE, e-ISSN: 2347-2693,www.ijcseonline.org

[22]   KBR" Knowledge Based Reduction Method for Virtual Machine Migration in Cloud Computing",   in International Conference on Recent Trends in Advanced Computing 2019, ICRTAC-2019 published in Elsevier Procedia Computer Science 00 (2019) 000–000.

[23]   Bhasker, Shylaja.B.S (2019)"KBR Knowledge Based Reduction Method for Virtual Machine Migration in Cloud Computing",   in International Conference on Recent Trends in Advanced Computing 2019, ICRTAC-2019 published in Elsevier Procedia Computer Science 00 (2019) 000–000.

[24] **Kriti Dubey[1] Chandra Kiran Reddy[2] Manvitha Raju[3] Rishab Bhattacharyya[4] Dr. B. S. Shylaja(2019), "** Smart Glass for Visually Impaired" , in International Journal for Scientific Research & Development , IJSRD,Vol 7, Issue 04,june 2019,ISSN 2321-0613.

[25]   Jyothi.S, Dr B.S.Shylaja (2020)"Efficient Approach for Resource Provisioning to manage Workload in Cloud Environment" in International Journal of engineeringResearch and Technology(IJERT),ISSN 2278-0181,Vol 9,Issue 06,June2020.

[26]   Siddaya.K, Dr Shylaja.B.S (2020) "Efficient CNN-Based Fire Identification in Surveillance Videos" published in SHODHA International Journal , ISSN 2249-0396, Vol 10, Pages 10, july 2020.

[27]   Santhosh S, Shylaja B.S(2020)"Content Based Image Retieval Using Deep Learning " published in Shodha International Journal ,ISSN No:22400395,pages 100-106,Jan 2020

[28]   Bhaskar R, Bhaskar R, and B. S. Shylaja.(2020) "Rough-set and Machine Learning Based Approach for Optimized Virtual Machine Utilization in Cloud Computing." IET networks, Volume 9, Issue 6, November 2020, p. 279-283, https://doi.org/10.1049/iet-net.2020.0001

[29]   Bhasker.R, and B. S. Shylaja(2020). "Dynamic Virtual Machine Provisioning In Cloud Computing Using Knowledge Based Reduction Method." Advances in Intelligent Systems and Computing, vol 1162. Springer, Singapore, https://doi.org/10.1007/978-981-15-4851-2_21

[30]   Pujitha .E, Dr B.S.Shylaja (2020) "Detection of Fake News using Machine Learning ",published in International Journal of Trend in Scientific Research and Development (IJTSRD) Volume 4 Issue 6, September-October 2020 Available Online: www.ijtsrd.com e-ISSN: 2456 – 6470

[31]   Jyothi. S, Dr. B S Shylaja,(2021) "Multi-level Hierarchical Controller Assisted Task Scheduling and Resource Allocation in Large Cloud Infrastructures", International Journal of Advanced Computer Science and Applications(IJACSA), Volume 12 Issue 11, 2021 pp-382-394, Digital Object Identifier (DOI) : 10.14569/IJACSA.2021.0121144

[32]   Satish B Basapur, Shylaja.B.S and Venkatesh ,(2021)A hybrid Crptographic Model Using AES and RSA for sensitive Data Privacy Preserving published in Journal of Webology, Pages 129-148 DOI:10.14704/WEB/V18SI05 WEB18219

[33]   Vidya E. V., B. S. Shylaja (2021),"Energy Efficient Optimal Routing and Resource Allocation for CRWSN to extend network lifetime published in Design Engineering journal , 342-358

[34]   Vidya E. V., B. S. Shylaja. (2022), **DSACSS: Deep Learning-based spectrum allocation with cooperative spectrum sensing for cognitive WSNs,** International Journal of Advance Research, Ideas and Innovations in Technology, www.IJARIIT.com. Volume-8, Issue-2, 202,12 April, 2022.

[35]   Vidya E. V., B. S. Shylaja. (2022), 'An Energy Aware Routing for Cognitive Radio,Wireless Sensor Network using FuzzyQ 'published in International Journal of Science and Research (IJSR),ISSN: 2319-7064,SJIF (2020): 7.803 Volume 11 Issue 1, January 2022.

[36]   Shylaja B.S, Deepu S R, Bhaskar.R(2021)"Topology Dependent Ant Colony Based Routing Scheme for Software-Defined Networking in Cloud", presented in 6th International Conference on Computational Intelligence in Data Mining ICCIDM-2021 ,Springer 2021, 11th -12th December 2021. https://link.springer.com/chapter/10.1007/978-981-16-9447-9_26

[37]   Satish B Basapur, B.S.Shylaja, Venkatesh (2021)" Attribute Assailability and Sensitive Attribute Frequency based Data Generalization Algorithm for Privacy Preservation" published in IEEE 2021 International Conference on Forensics, Analytics, Big Data, Security (FABS), Year: 2021 , volume 1.

[38]   Chaya.K, Shylaja.B.S (2022)"Survey on Energy efficient Routing Protocols un Wireless Sensor Networks" published in 2nd International Conference on Soft Computing for Security Applications (ICSCS 202) Springer 2022, April 21-22.

[39]   Shylaja B.S, Deepu S R, Bhaskar.R(2022) **Convergence time aware switch migration algorithm for SDN (CTSMA) cloud datacenter datacenter " published in** I J A A S I n t e r n a t i o n a l   J o u r n a l   o f   **A D V A N C E D   A N D A P P L I E D   S C I E N C E S ,   Volume 9, Issue 8 (August 2022), Pages: 100-108 http://www.science-gate.com/IJAAS/2022/V9I8/1021833ijaas202208013.html**

[40]   Satish B Basapur, Shylaja.B.S and Venkatesh ,(2023)"Constraints-Relaxed Functional Dependency based Data Privacy Preservation Model" – Published in IAENG Engineering Letters, vol. 31,no. 1, pp.19-34, 2023

International/National Conferences Paper presented/Attended

[1]Shylaja B.S, Mary Anita Rajam, V. and Uma Maheswari, V. and Siromoney, A, "Rough Set

Theory based Routing for VANETs on highway Scenarios" in Proceedings of the fourth International Conference on Information Processing (ICIP'2010), August 2010, Bangalore, India, Pp. 172–177.

[2] Saishree Bharadwaj. P, Rashmi. S,andShylaja .B.S.,"Performance Evaluation of MANET Based Routing Protocols for vanets in Urban Scenarios" ,International conference on Network and Electronics Engg , IPCSIT vol.11(2011) :pg-164-169.

[3] B.S.Shylaja, Jaylakshmi. (2013)."Routing Protocols and Security Issues in VANET-A Qualitative Analysis" at International Conference on Information & Communication Engineering -ICICE, Dr. AIT on 28/06/2013- 29/06/2013

[4] Bhavana.R. Khushboo Gupta and Shylaja .B.S(2013)." Performance Comparison of Routing Protocols for Vehicular Adhoc Networks. ", International Conference on Information & Communication Engineering -ICICE, Dr. AIT on 28/06/2013- 29/06/2013

[5] Manjula L, Shylaja B S, Anushree R. (2014)"The Comprehensive Study On Saving Energy In Cloud Computing"presented in National Conference on Information Technology for Sustainable Future", NCITSF'14 organized by the Department of Computer Science and Information Technology, Jain University, Bangalore.

[6] Dr B.S.Shylaja (2016)" Applications of IOT in the development of smart cities" , presented in International Conference on development of smart cities ICDSC-2016 at DrAmbedkar Institute of Technology, Bangalore.

[7] Lavanya, Arpitha, chaithra and DrB,S,Shylaja (2016), "Internet of Vehicles for Smart and Safe Driving" presented in International conference on development of smart cities (ICDSC), at DrAIT,Bangalore.

[8] Dharani Kumari N.V, Shylaja B.S.:(2017) "EGRP: Enhanced Geographical Routing protocol for Vehicular Adhoc Networks"., Lecture Notes in Networks and Systems, proceeding of 3rd International Conference on Computer and Communication technologies(IC3T-2016), vol.5, no.1, ISBN-978 -981- 10-3226-4, Springer, 2017, pp.169-178

[9] E.V.Vidya, Dr B.S.Shylaja(2020)"A Survey on Performance Analysis of Distributed Channel Allotment Approaches for Wireless Sensor Networks with Cognitive radio capabilities" presentedin IEEE 4th International Conference ICISC,*8th January, 2020

[10]   Kushal .M.V. Dr Shylaja.B.S (2020)"Recent trends on Security in Multi-Cloud Computing: A Survey" presented in IEEE sponsored International Conference on Smart Electronics and Communication(ICOSEC 2020),IEEE Xplore ISBN 978-7281-5461-9,pages 781.10-12-September 2020.

[11]   Jyothi.S. Dr B.S.Shylaja (2020) " Analysis of Genetic lgorithm and Particle Swarm Optimization Algorithm to perform Task Scheduling in Cloud Environment."presented in AICTE sponsored Conference on Recent Trends & Development in Information and Communication Engineering"ICRTDIC-2020 ,23rd October 2020.

[12]   Shylaja B.S, Deepu S R, Bhaskar.R(2021)"Topology Dependent Ant Colony Based Routing Scheme for Software-Defined Networking in Cloud", presented in 6th International Conference on Computational Intelligence in Data Mining ICCIDM-2021 ,Springer 2021, 11th -12th December 2021.

[13]   Satish B Basapur,B.S.Shylaja, Venkatesh (2021)" Attribute Assailability and Sensitive Attribute Frequency based Data Generalization Algorithm for Privacy Preservation" published in IEEE 2021 International Conference on Forensics, Analytics, Big Data, Security (FABS), Year: 2021 , volume 1.

[14]   Chaya.K, Shylaja.B.S (2022)"Survey on Energy efficient Routing Protocols un Wireless Sensor Networks" published in 2nd International Conference on Soft Computing for Security Applications (ICSCS 2022) Springer 2022, April 21-22.

[15]   Shylaja B.S, Deepu S R, Bhaskar.R(2021)"Topology Dependent Ant Colony Based Routing Scheme for Software-Defined Networking in Cloud", presented in 6th International Conference on Computational Intelligence in Data Mining ICCIDM-2021 ,Springer 2021, 11th -12th December 2021. https://link.springer.com/chapter/10.1007/978-981-16-9447-9_26

[16]   Chaya.K, Shylaja.B.S (2022)"Survey on Energy efficient Routing Protocols un Wireless Sensor Networks" published in 2nd International Conference on Soft Computing for Security Applications (ICSCS 202) Springer 2022, April 21-22.

Outreach Activities/AICTE expert /Speaker/organizer…

Aicte Expert Committee member(EVC) visited engineering colleges at Mumbai, tamil nadu,

Telangana and Varanasi.

1. Delivered talk on VANETs-Research trends Eshwari College of Engineering Chennai on13-11-2010
2. Lecture on Introduction to Adhoc Networks and VANETs SJBIT Bangalore

3. Organizer and Speaker in One Week Workshop on *Basic Pedagogy Training* jointly organized by State Project Facilitation Unit (SPFU) and Dr. Ambedkar Institute of Technology from 13/6/2016 to 17/6/2016 .

4. Lecture on Cyber Forensics and Information Security IET RML University Ayodhya on 28-10-2018
5. Lecture on Blended Learning IET RML University Ayodhya on 23-7-2019
6. Lecture onn Outcome Based Learning IET RML University Ayodhya on 24-7-2019

7. Lecture on NBA and Outcome Based Education as part of AICTE sponsored Marghdarshan program at Cambridge Institute of Technology North campus Bangalore on

8. Session Chair on 7-3-2020 at Second International Conference on Innovative Mechanisms for Industry Applications (ICIMIA 2020) is being organized on 5-7, March 2020 by Dayananda Sagar College of Engineering which is technically sponsored by IEEE, Bangalore Section. ICIMIA 2020.

9. Delivered Lecture on Curriculum Design based on CDIO model Dr.AIT Bangalore on 6-3-2020 which was organised for faculty of Dr AIT as part of training on NBA.

10. Lecture on NBA and Outcome Based Education as part of AICTE sponsored Marghdarshan program at Cambridge Institute of Technology North campus Bangalore 30-01-2020

11. Chaired on 7-3-2020 at Second International Conference on Innovative Mechanisms for Industry Applications (ICIMIA 2020) is being organized on 5-7, March 2020 by Dayananda Sagar College of Engineering which is technically sponsored by IEEE, Bangalore Section. ICIMIA 2020.

12. Reviewer for ICCIDM-2021 ,6th International Conferanceon Computational Intelligence in Data Mining organized by Aditya Institute of Technology and Management , Koturu,A.P on 11-12th Dec 2021.

13. Session Chair at FABS 2021Springer International Conference on Forensics, Analytics, Big Data and Security held at BMSIT, Bangalore from21-12-2021 to 22-12-2021

14. Speaker on 14-12-2021 in AICTE Marghadarshan Outcome Based Education: In perspective to National Education Policy (NEP)2020 at Dr AIT, Bangalore.

15. B.O.E member at Department of Computer Science and Engineering , BMS college of Engineering, Bangalore since 31-3-2022 till date.

16. Delivered talk on "Vission. Mission Institute/Department , PEO and its foemulation " on 20-1-2023 and " Review of QBE " on 21-1-2023 at Sambhram Institute of Technology , Bangalore organized by AICTE Marghadarshan (Share and Mentor Institutions) program of Dr AIT.

17. Delivered seminar on NBA Accreditation on 28-12-2022 at Akshaya Institute of Technology, Tumkuru under AICTE Marghadarshan scheme.

18. Was a resource person and delivered lecture on "Data Security and Tools for testing Vulnerabilities " on 1-3-2023 in the Five days FDP National level Faculty Development Program jointly organized by Dept. of ISE and CSE in association with WING, at VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSORE.

Membership to the Professional Bodies:

1. *Life Member of ISTE:* Indian Society for Technical Education (ISTE), India,

2. *Life Member of CSI:* Computer Society of India(CSI)

3. *Life Member of IEI:* The Institution of Engineers (India) [IEI]

Technical workshops/seminars/summits organised:

1. Organised **"Need of Cyber Security** Skills **and Job Opportunities** " for both students of college and Mentee institution IET ,Ayodhya. 291   participants participated in the webinar.

2. Speaker in webinar on " Data Security and Digital Forensics- Opportunities and Challenges in this Webinar Series-IT " for School of IT, Auro University , Surat, Gujarat. 201 participants from not only INDIA but fabulous number of participants from Indonesia, Bangladesh, Philippines and Vietnam.

3. Speaker in on NBA under AICTE sponsored " Margadharshan " at New   Cambridge Institute of Technology –North , Bangalore on 30 January 2020.

4. Speaker in the three days workshop on NBA on the topic " CDIO-Concieve, Design, Innovate ,Operate Essentials" on 6th March 2020 for the faculty of Dr AIT.

5. Was Session Chair at 2nd Interntional Conference on Innovative Mechaism for Industry Applications (ICIMIA 2020) technically Sponsored by IEEE bangalore section

6. **Organised** TEQIP-III sponsored four days training program on "Mobile Application Development using Android" under twinning activities of TEQIP-III to the faculty and students IET (Dr RML Avadh University), Ayodhya from 9-10-2018 to 12-10-2019.

7. **INVITED TALK SPEAKER ON "** Blended learning " and "Outcome based Learning and Skill Development " two sessions at one week National Workshop on "Enhancing the Quality in Teaching Learning & Research " at Institute of Engineering and Technology f, Dr RML Avadh University, Ayodhya from 21st -25th July 2019.

8. **Committee Member** for One week National Workshop "Innovation, Cognitive Skill and Design Thinking held from 13th -17th July at IET, Dr RML Avadh University, Ayodhya .

9. **Member of Advisory Committee** for "National Conference on Emerging Trends in Engineering And Technology (NCETET-2019) on 27th -28th july 2019 at Dept. of Information Technology, IET, Dr RML Avadh University, Ayodhya.

10. **Organised** one day 'Awareness program on Government schemes for Innovations and Entrepreneurship **in association with District Industries Center, Government of Karnataka, on 9-5-2019 for students of Dr AIT.**

11. Organised   National Summit on " National Cyber Defense Summit" in with NCDRC (National Cyber Defense Research Center) on 18th October 2019 to 19thoctober 2019

12. Organised TEQIP-III Sponsored Three days workshop on "Cyber Security and forenscics ,Dept of ISE,Dr.AIT From 26-03-2018 to 28-03-2018

13. Organised TEQIP-III Sponsored Two days Hands-on workshop on "" Machine Learning and data Analytics: A New Frontier" Dept of CSE,Dr.AIT From 23-01-2018 to 24-01-2018

14. Organised TEQIP-III Sponsored One day workshop on "Academic Integrity and plagiarism Prevention" Dept of CSE,Dr.AIT15/03/2018

15. Organised TEQIP-III Sponsored two days workshop on Research information management in a networked environment Library science, Dr.AIT From 01/03/2018 to 02/03/2018

16. Organised TEQIP-III Sponsored Five days workshop on "Infrastructure as a Service (IaaS) in Cloud Computing" Dept of ISE,Dr.AIT in association with Fulcrum Edu Bangalore From 18/12/2017 to 22/12/2017

17. Organised TEQIP-II Sponsored Orientation programme in PedagogyDr.AIT Bangalore From 30-05-2016 to 01-06-2016

18. Organised TEQIP-II Sponsored Industry Institute Interaction Program Two Days Workshop on" Internet of Things (IoT) " Dept of ISE,Dr.AIT in association with IOTACELL ,Bangalore From 01-03-2016 to 02-03-2016

19. Organised TEQIP-III Sponsored five days workshop Joy of learning computer networking From 25-06-2018 to 29-06-2018
20. Organised TEQIP-III,twinning program Mobile application development using android From 09-10-2018 to 12-10-2018
21. Organised TEQIP-III Sponsored Two Days Workshop Adobe Photoshop and applications From 07-06-2018 to 08-06-2018
22. Organised TEQIP-III Sponsored 5 day workshop TEQIP-III Sponsored 5 day workshop on Data Analytics using R From 16-04-2018 to 20-04-2018
23. Organised TEQIP-III Sponsored One Day Workshop Finishing School for Industry Rediness 12-04-2018
24. Organised TEQIP-III Sponsored 3 day workshop Cyber Security and Forensics 26-03-2018 to 28-03-2018
25. Organised TEQIP-II Sponsored Industry Institute Interaction Program on Big Data and HadoopDept of ISE,Dr.AIT in association with Fulcrum Edu Bangalore From 28-04-2016 to 29-04-2016

26. Organised Basic Pedagogy TrainingDr.AIT Bangalore From 13-06-2016 to 18-06-2016
27. Organised TEQIP –1.2 Sponsored Three days Workshop on Industry Readiness in Engineering Education Dr.AIT, Bangalore 23-04-2015 to 25-04-2015
28. Organised One day workshop on Cognitive Software Defined Radio and open source Software programming Dept of ISE ,Dr.AIT 07-01-2014

Technical Workshop/School Attended:

1. One Week Online Faculty Development programme on Emerging trends and Applications of Artificial Intelligence from 10th to 14th August,2020 organised by Department of Information Science & Engineering, Dr.Ambedkar Institute of Technology

2. Attended National Cyber Defence Conference -19 held on 2nd march at Cochin University of Science and Technology (CUSAT), Kochi Campus, Kerala.

3. TEQIP-III sponsored four days training program on "Mobile Application Development using Android" under twinning activities of TEQIP-III to the faculty and students IET (Dr RML Avadh University), Ayodhya from 9-10-2018 to 12-10-2019.

4. Attended two days "Symposium on Collaborative Research" organized by PES College of Enginering, Mandya in association with SJCE ad SPFU , Karnataka at Mysuru on 19th -20th August 2019.

5. .TEQIP-III Sponsored Workshop on Innovative Pedagogy for Effective Teaching Dept of ISE,Dr.AIT From 16-01-2019 to 18-01-2019

6. TEQIP-III Sponsored One week training on "BehavioralRemodeling& use of ICT tools for classroom delivery of teachers in association with Electronics & ICT Academy From 19-02-2019 to 23-02-2019

7. Indian Cyber Congress(INCYCON) NCSSS,Thirupathi From 28-09-2018 to 29-09-2018

8. TEQIP-III Sponsored one week workshop on "Data Analytics using R" Dept of ISE,Dr.AIT From 16-04-2018 to 21-04-2018

9. TEQIP-II Sponsored Orientation programme in PedagogyDr.AIT Bangalore From 30-05-2016 to 01-06-2016

10. A two days KSHEC Sponsored workshop on CCNA :Routing and SwitchingDept of CSE,Dr.AIT From 21-04-2017 to 22-04-2017

11. TEQIP-II Sponsored Industry Institute Interaction Program Two Days Workshop on" Internet of Things (IoT) " Dept of ISE,Dr.AIT in association with IOTACELL ,Bangalore From 01-03-2016 to 02-03-2016

12. TEQIP-II Sponsored Industry Institute Interaction Program on Big Data and HadoopDept of ISE,Dr.AIT in association with Fulcrum Edu Bangalore From 28-04-2016 to 29-04-2016

13. .Basic Pedagogy TrainingDr.AIT Bangalore From 13-06-2016 to 18-06-2016
14. TEQIP –1.2 Sponsored Three days Workshop on Industry Readiness in Engineering Education Dr.AIT, Bangalore 23-04-2015 to 25-04-2015
15. Salesforce Academic Alliance Dr.AIT Bangalore 18-12-2015

16. TEQIP –II Sponsored Two days workshop on Next Generation Network Simulation Tools and Frameworks Dept of ISE ,Dr.AIT From 12-11-2013 to 13-11-2013

17. Two days workshop on Free and Open Source Software for day to day Computing at Dr.AIT.

Industry-Institute Interactions Organized

Name of the Industry Visited	Duration		Nature of the Industry
	From	To	
Tejas Networks, Bangalore	27-11-2015	27-11-2015	Computer Networks
Salesforce, UB city, Bangalore	3-3-2016	3-3-2016	Software company
TCS, Bangalore	20-1-2015	20-1-2015	Cloud labs
TCS, Trivandrum	19-1-2018	19-1-2019	Training centre
ISRO,Bangalore	26-12-2018	26-12-2018	Computing methods for satellites

Member/Chairman Committee

1. AICTE Inspection Committee member (North and South regions)
2. BOE member and External member Academic Audit at Dept. of CSE , College of Engineering, Bangalore
3. BOS member at UVCE , Bangalore
4. Center for ICT Enabled Education (C-ICTEE)AMET University, Chennai
5. BOS member, Dept of IT, IET,RML University, Ayodhya.
6. Session Chair in International conferences held at UVCE, DSCE, BMSIT,DSATM ,Bangalore

Personal Details:

Father's Name   **:** B.M.Srikantaiah

Husband's Name   **:** J.T.Ravi

Date of Birth   **:** 7-10-1965

Nationality : Indian

Languages Known : English, Kannada, Hindi,Telugu,Tamil

Permanent Address : N0 3,"PRANAVA", 6th
cross, Near Sri
Raghavendraswamymut,
Amarjyothinagar,

Vijaynagar, Bangalore
560040