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SAI RAM INSTITUTE OF TECHNOLOGY

An ISO 9001 : 2008 Certified Institution

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DEPARTMENT OF INFORMATION TECHNOLOGY

Name : Dr.Brindha Devi.V

Designation : HOD & Professor

Email : hodit@sairamit.edu.in

Qualification : Ph.D

Specialization : Information & Communication Engineering

Research Interest : Network Security, Data Mining

Experience in years : **Teaching UG: 21 years.** PG Industry

No. of
Workshop/Conferences/
FDP attended : Workshop :10 Conferences : 15 FDP : 11

No. of
Workshop/Conferences/
FDP Organized : Workshop : 7 Conferences :7 FDP :10



Professional Membership	ISTE,CSI,IEI,IEEE
Publications	National :- 2
	International:3
	Book :1
Research Funded Projects	Received an AICTE Grant for Rs.2,00,000/- under Seminar Grant for conducting National Conference on Fuzzy Computation for the academic year 2012-2013. Received Fund for Rs7 Lakhs from AICTE Under MoDRoB Scheme Receivies Fund for Rs.1 Lakh for DST Project
Patents	5 Patents 2-Granted
Achievements	<ul style="list-style-type: none"> Received Cash Award for producing 100% for the year 2014,2015,2016,2017 Completed NPTEL Course for Programming in C,IoT,Machine Learning and Cloud Computing
Any Other Information	NIL

List of Publications:

- Published a Paper on “:A NOVEL APPROACH FOR INTRUSION DETECTION USING GENETIC ALGORITHM AND SVM TREE” Vol 75,No 11,pp 172-179,NOV 2013, in Pensee Journal, ISBN 0031-4773 FRANCE PENSEE.
- Published a paper titled “Bus pass and Ticket Automation System” in IJCERT Journal on August 2016.ISSN (o) 2349-7084.
- Published a paper on ‘An Intelligent Temporal Adaptive Genetic Fuzzy Classification Algorithm for Effective Intrusion Detection’,Transylvanian Review, vol.24,no.8.(Annexure-I).
- Published a paper on “Modelling Network Intrusion Detection System using Genetic and Neural Network” pp 22-30, in International Journal of Applied Engineering and Research Annexure-2, Serial No:8565.
- Published a paper titled “An Intelligent Agent based Incremental Feature Selection Algorithm for Effective Intrusion Detection in MANET” in Asian Journal of Research in social science and Humanities.
- Published a paper titled, ‘Neural KDE Based Behaviour Model for Detecting Intrusions in Network Environment’ Vol.06,No.4,pp.166-173.

- Published a paper Titled, ‘A Virtual Keyboard Security System for Automated Teller Machine’,in International Journal of Engineering and Technology ,2018,vol 7. pp-59-63.
- Published a paper Titled, ‘A Effective Cloud Based Personal Emergency Response System by providing privacy protection for the Medical Data ’,in International Journal of Engineering and Technology ,2018,vol 7. pp-261-265.
- Published a paper Titled, “IoT-based traffic prediction and traffic signal control system for smart city” in Soft Computing 25 (18), 2021,pp -12241-12248
- Published a paper Titled,”Allocation of Vehicle Based on the Availability Using Machine Learning” , 2021 IEEE International Power and Renewable Energy Conference (IPRECON), 1-6 ,2021
- Published a paper Titled, “Voting Booth Helper System Using Machine Learning”,2021 IEEE International Power and Renewable Energy Conference (IPRECON), 1-6
 - Published a paper Titled,”Prehistoric Stone Image Tamil Character Recognition using Optimized Deep Neural Network using Zernike Moments and Simplex Method”,Turkish Journal of Computer and Mathematics Education (TURCOMAT) 12 (11 2021
 - Published a paper Titled,”Intelligent Tourist System For The 21st Century”,Journal of Physics: Conference Series 1911 (1), 012020.
 - Published a paper Titled,”The Defense Against Jamming Attack in Cognitive Radio Networks: Energy Efficiency Management Perspective”,Microprocessors and Microsystems 82, 103816, 2021
 - Published a paper Titled,”Decentralized Classroom Using Blockchain “ International Virtual Conference on Industry 4.0, 247-256,2021
 - Published a paper Titled “A computational workflow to explore material properties of existing settings of point cloud data”,Materials Today: Proceedings 46, 3933-3936,2021
 - Published a paper Titled”ANN: Forecast of an heat transfer investigation of concentric tube heat exchanger”,Materials Today: Proceedings 46, 3956-3959 ,2021
 - Published a paper Titled “Charter Authenticated Anti-Theft Secure Motor System”,ITM Web of Conferences 37, 01009,2021
 - Published a paper Titled “De-Centralized Certificate Creation and Verification using Block Chain (DCCVuB)”International Journal of Engineering and Advanced Technology (IJEAT) 9 (1s ...)2019

Workshop / Conferences / FDP Attended:-

1. Attended AICTE sponsored Staff Development Programme on “ Multi Agent System for Domains” on 27th May-10th June 2011 at R.M.K. Engineering College
2. Attended Faculty Development Programme on “Core Computing Skills, 12-14th Oct 2011 at ICT Academy of Tamil Nadu in association with TAHDCO & TRANSTAFF on held at B.S. Abdur Rahman University , Chennai.
3. Attended FDP on Software Testing on 14.11.14 at TCS Siruseri.
4. Attended FDP on Cloud Computing and Big data on 08.12.14-09.12.14 at SEC.
5. Attended Faculty Enablement Program”A step to outcome based Education on
6. 04.04.15 at Sri Sairam Institute of Technology.
7. Attended ICTACT Organized FDP on PHP and MySQL on 18.06.15-19.06.2015 at Sri Sairam Institute of Technology.
8. Attended ICTACT Organized FDP on Hadoop(HortonNetworks) on 18.07.2016-23.07.2016 at Sri Sairam Institute of Technology.
9. Attended ICTACT Organized FDP on Data Science and Big Data Analytics on 19.06.2017-23.06.2017 at Sri Sairam Institute of Technology.
10. Attended International Conference on Smart Technologies for Materials, Communication, Computing, Controls & Energy --ICST 2011 on January 5-7 ‘2011 at VelTech University.
11. Attended Bio-Cursor ’08 on 22 March 2008.at Rajiv Gandhi College of Engineering & Technology.
12. Attended National Conference on Fuzzy Computation”-NCOFC’13 on 27-28th November 2013 at Sri Sairam Institute of Technology
13. Attended International Conference on Information,systems and computing “ ICISC’13 at Sri Sairam Institute of Technology
14. Attended International Conference of Computing and Information Technology on 13-14th August,2015 at Sairam Institute of Technology.
15. Attended Seminar on “Re-Engineering Teaching Skills” on 3-4 March 2004. at College of Engineering Guindy.
16. Attended Seminar on “Instructional Design and Delivery ”March 2005.at Vel Tech Engineering College
17. Attended Seminar on Mission10X”4-8 August 2008 R..M.K. Engineering College by Wipro with ISTE.
18. Attended Seminar on “Challenges in Intelligent Web Applications” 9-10 March 2009 at College of Engineering and Technology, Guindy
19. Attended Seminar on “Maximise Academic Excellence thro’ Innovative Educational

- Skills”, 2-3 September 2009 at .R.M.K. College of Engineering & Technology
20. Attended Seminar on “How to write Research Proposals & Overview of Prospective Funding Agencies” 7th August 2010 at R.M.K Engineering College,
 21. Attended Seminar on “Cyber Security “ 19-20th January 2011 at R.M.K. Engineering College
 22. Attended Seminar on Road show to access E-Resources-SPRINGER.
 23. Attended Seminar on Semantic Web and Cloud Computing 4th -5th 2013,by Sairam Engineering College.
 24. Attended Seminar on ICTACT Organized AWS EDUCATE DAY 2017 13.07.2017 Radisson Blu GRT,Chennai
 25. Attended Seminar on HOD’s Meet for TCS Testimony Grand Finale ,27.07.2017 at TCS ,Siruseri
 26. Attended Seminar on HOD’s Meet at TCS ,Siruseri 22.08.2017 .
 27. Attended a Faculty Development Program “Introduction to IoT” at Sri Sairam Institute of Technology from 29.01.18-30.01.18.
 28. Attended a one day Tech Workshop on RedHat (open Source) Technology & Industry Adaptation held on 2nd, March 2018.
 29. Attended a two days FDP on Problem Solving for Python Programming on 4.06.2018-05.06.2018 at SSIT.
 30. Attended Seminar on Rational Software Architect-Rational SEED ,2 Sep-5 Sep ‘2013 Sri Sairam Institute of Technology
 31. Attended Seminar on ICTACT Organized AWS EDUCATE DAY 2017 13.07.2017 Radisson Blu GRT,Chennai
 32. Attended Seminar on HOD’s Meet for TCS Testimony Grand Finale ,27.07.2017 at TCS ,Siruseri
 33. Attended Seminar on HOD’s Meet at TCS ,Siruseri 22.08.2017 .
 34. Attended a Faculty Development Program “Introduction to IoT” at Sri Sairam Institute of Technology from 29.01.18-30.01.18.
 35. Attended a one day Tech Workshop on RedHat (open Source) Technology & Industry Adaptation held on 2nd, March 2018.
 36. Attended a two days FDP on Problem Solving for Python Programming on 4.06.2018-05.06.2018 at SSIT.
 37. Attended Five days FDP on Remote learning through Spoken Tutorial -Sci Lab on 15.06.2020-19.06.2020 at St.Peters Engineering College.
 38. Attended Three days FDP on Outcome Based Education at IIT Kharagpur on 08.07.2020-10.07.2020
 39. Attended Three days FDP on Emerging Trends in Computer Science and Information

Technology on 29.06.2020-04.07.2020 at KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY

40. Attended Five days Faculty Development Program on IoT Application on 21.12.2020-26.12.2020 at ABHA GAIKWAD -PATIL COLLEGE OF ENGINEERING
41. Attended Six days FDP on STTP AI IN HEALTHCARE' from 14.12.2020 – 20.12.2020 at SSN College of Engineering.
42. Attended Five days FDP on AICTE Training And Learning (ATAL) Academy Online FDP on "Data Sciences" from 07.12.2020-11.12.2020 at Sri Krishna College of Engineering and Technology.
43. Attended Five days FDP on AICTE Training And Learning (ATAL) Academy Online FDP on "Deep Learning and Artificial Intelligence" on 21.09.2020-25.09.2020 at Indhira Gandhi Technical University For Women.
44. Attended Five days Faculty Development Program on “Digital Teaching Techniques” on 29.06.20-04.07.20 at ICTACT.
45. Attended Two days FDP on **AWARNNESS WORKSHOP-NIRF INDIA RANKINGS** on 18.01.2021-19.01.2021 at COLLEGIATE EDUCATION & TECHNICAL EDUCATION DEPARTMENT.
46. Attended Five days Faculty Development Program on Android development Using Kotlin from 08.03.21-13.02.21 at Google Developers.
47. Attended FDP on 6-Weeks Technology Entrepreneurship Development Program(TEDP) from 25.01.21-06.03.2021 at IITM HTIC MEDTech Incubatorr.
48. Attended FDP on AICTE Sponsored Two weeks FDP on “Artificial Intelligence & Ambient Intelligence” from 15.2.2021 to 27.2.2021 at Hindustan Institute of Technology and Science.
49. Attended FDP on **5 days National Workshop with CUDA Programming with C/C++ and Python** from 05.04.2021-09.04.21 at VIT-AP University, NVIDIA

Workshop / Conferences / FDP Organized:-

1. Organized -IT Department “ICTACT Academy - Hadoop (HortonWorks)”.
2. Organized-IT Department Symposium “Dreadnought ‘17, Dreadnought‘ 16 , Dreadnought ‘15,Dreadnought ‘14.
3. Organized -IT Department FDP on “ICTACT Academy - Hadoop (Horton Works)”.
4. Organized -IT Department International Conference ICCIT’15.
5. Organized -IT Department National Workshops LEX & YACC TOOLS.
6. Organized -IT Department FEP “A Step to Outcome based Education”.2014
7. Organized -IT Department PHP and My SQL in association with ICTACT Academy.
8. Organized - IT Department AICTE Sponsored Conference on Fuzzy Computation (NCOFC’13).

9. Organized -IT Department -National Conference on Recent Trends in Information and Computing (Mar'2018).
10. Organized 5 Days workshop on “Salesforce Business Administration Specialists” in association with ICT Academy on 29.01.18 to 02.02.18.
11. Conducted 24 hours online contest “The Largest Learnathon of India – Student Championship 2018” on 02.02.18 to 03.02.18.
12. Organized FDP on “Introduction to IoT” on 29.01.18-30.01.18
13. Organized One Day Awareness Seminar on “How To Plan for Startup-Legal And Ethical Steps” on 18th Feb 2020.
14. Organized Webinar Series on “Promoting Employability Skills” from 18/5/20 to 24/5/20.
15. Organized One day Orientation Talk for Second year students on 25/6/2020.
16. Organized One day Webinar on Research Grant “How to write proposals” on 26/6/2021.
17. Organized Six days FDP on “Ambient Intelligence in Deep Learning” held from 26/7/2021 to 31/7/2021.