Dr. S. S I V A N E S H

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ACADEMIC PROFILE

Ph.D. Information and Communication Engineering (JULY 2021)
Anna University
THESIS TITLE: Enhanced Intrusion Detection System (IDS) for Network
Layer Attack in Mobile Ad hoc Networks
M.Tech – Information Technology (April 2008)
SRM University
B.Tech- Information Technology (April 2000)
Anna University

CISCO Certified Instructor

- **ESTABLISHED CISCO ACADEMY LAB IN THE DEPARTMENT OF COMPUTER SCIENCE ENGINEERING, BIT CAMPUS, ANNA UNIVERSITY, TIRUCHIRAPPALLI- FUNDED BY TEQIP**

PROFESSIONAL EXPERIENCE

- **Asst. Professor(Sr.Gr) (July 2023 – Till date)**
  Department of Computer Science and Engineering
  University College of Engineering (Panruti)
  Anna University

- **Asst. Professor (December 2009 –June 2023)**
  Department of Computer Science and Engineering
  University College of Engineering (BIT Campus)
  Tiruchirappalli
  Anna University

- **Asst. Professor (August 2008 – December 2009)**
  Department of Computer Science and Engineering
  Krishnasamy College of Engineering
  Cuddalore

MEMBERSHIP IN PROFESSIONAL BODIES

1. The Indian Society For Technical Education– Life Time Member

2. Computer Society of India – Life Time Member

WORKSHOP/ SEMINAR/ CONFERENCE/ SDP/FDP ORGANISED

1. Organized a Workshop on Networking Technologies 2011-Two days
2. Organized a Faculty Development Training Programmed on CS2302- Computer Networks,30-05-2013 to 05-06-2013 - Sponsored by Centre for Faculty Development, Anna University, Chennai-600 025.
3. Organized a Two-day International conference on computational intelligence Sponsored by TEQIP (07-04-2015 to 08-04-2015)
4. Organized a Two-day National conference on communication computing technologies Sponsored by TEQIP (11-08-2016 to 12-08-2016)
5. Organized a Two-day Technical Symposium – FENIX'19 (06-03-2019 to 07-03-2019)
6. Organized a Two-day Workshop on Networking Technologies (06-03-2019 to 07-03-2019)
7. Organized a Two-day workshop on Statistics and Machine Learning (06-03-2019 to 07-03-2019)
8. Organized One Day Workshop on Artificial Intelligence (06-03-2019)
9. Organized One Day Workshop on Web Application Using Python (06-03-2019)

PUBLICATIONS – JOURNAL / CONFERENCE

https://scholar.google.com/citations?user=A72A62AAAAAJ&hl=en

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Title: Network Security Algorithm for Nano-Biosensors Model With Optimized Bio-Cyber Communication System For Thrombosis Prediction -11/02/2021
Dairy Number: Sw-14169/2 30

BOOK EDITOR

1. Tittle : Communication And Computing Technologies
   ISBN: 978-93-80622-19-4
   Publisher: Department Of Computer Science Engineering, Bharathidasan Institute Of Technolgy,
            Anna University,Trichirappalli.2016.
2. Tittle : Computational Intelligence
   ISBN: 978-81-91021-20-2
   Publisher: Department Of Computer Science Engineering, Bharathidasan Institute Of Technolgy,
            Anna University,Trichirappalli.2016.
3. Tittle : Recent Innovation In Information Technology
   ISBN: 78-93-80622-22-4
   Publisher: SELP PUBLICATION
4. Tittle : Emerging Trends In Information Technology
   ISBN: 978-93-80509-59-4
   Publisher: SELP PUBLICATION

CONFERENCES/WORKSHOPS/SEMINAR/ SHORT TERM REFRESHER COURSE ATTENDED

1. Attended FDP on Middleware Technology And Its Emerging Trends 30/05/201 - 11/06/2011 (14 days) at Manakula Vinayagar Institute of Technology- Pondicherry
2. Attended an Orientation course 19/12-/012- 15/01/2013 (28 days) at Pondicherry University.
3. Attended FDP on a paradigm of computing organized by BIT campus Anna University Trichy- TEQIP Sponsored-2013
4. Attended 7 days FDP on Research perception on emerging areas of computer science organized by BIT campus Anna University Trichy- TEQIP Sponsored-2013
5. Attended a 5 days training program on E-governance 22/09/2014- 26/09/2014 (5 days) organized by the National Productivity Council -Goa- TEQIP Sponsored
6. Attended 7 days FDP on FDP on the Paradigm Of Computing 02/12/2013- 08/12/2013 (7 days) BIT campus Anna University Trichy- TEQIP Sponsored
7. Attended FDP on Research Perception on Emerging Areas Of Computer Science 5/08/2013- 11/08/2013 (7 days) BIT campus Anna University Trichy- TEQIP Sponsored
8. Attended a training program on E-governance organized by National productivity council- GOA- 2014
9. Attended a Two Week Faculty Development Training Programme on Compiler Design 03-12-2018- 15-12-2018 (14 days) - CFD Anna University Sponsored
10. Attended FDP orgnasized by CONFEDERATION OF IDIAN INDUSTRY CII -2016
11. Attended a workshop on INNOVATION AND COMMUNICATION SKILLS organised by SHRI DEWANG MEHTA FOUNDATION TRUST SUPPORTED BY NASSCOM AND ANN UNIVERSITY CHENNAI-2017
12. Attended a seminar on CLOUD COMPUTING:A HANDS ON APPROACH organized by BIT campus Anna University Trichy-2016
13. Attended a WORKSHOP ON RECENT ADVANCEMENTS IN EMBEDDED SYSTEM organized by BIT campus Anna University Trichy-2018
14. Attended a WORKSHOP ON BUSINESS ANALYSIS USING R organized by BIT campus Anna University Trichy-2016
15. Attended FDP on STUDENT INDUCTION (FDP-SI) -AICTE- organized by Panimalar Engineering College Chennai-2018
16. Attended and presented in a IEEE- INTERNATIONAL CONFERENCE-MICROWAVE INTEGRATED CIRCUIT,PHOTONICS AND WIRELSS NETWORKS (IMICPW2019) organised by NIT -Trichy -2019
17. Attended Three Weeks Industrial Training On Communication And Networking Technologies at BSNL CUDDALORE from 08/06/2020 to 26/06/2020
18. Attended an NPTEL-AICTE Faculty Development Programme Computer Networks And Internet Protocol Attended (12 weeks) From 24/01/2022 to 23/04/2022
19. Attended an AICTE-sponsored FDP Incorporating Universal Human Values In Education organized by National Coordination Committee For Induction Program (5 Days) from 03/01/2022 to 07/01/2022
20. Attended an FDP on Incubation Entrepreneurship And Innovation organized by Teaching Learning Centre, Ramanujan College University Of Delhi sponsored by PMMMMNMTT (7 days) from 28/11/2022to 04/12/2022

KEY NOTE SPEAKER / JUDGE

1. Invited Lecture On Computer Network by Anna University Trichy-Centre for Academic Excellence - 2011.
2. Invited Lecture On Networking Technologies, organized by CK college of Engineering Cuddalore -2012.
3. Delivered a session on a workshop related to Mobile Computing organized by Oxford engineering College-Trichy -2014.
4. Chief guest to inaugurate a department level Symposium organized by Ramakrishna College of Engg and Technology Trichy -2015
5. Delivered a session in a TEQIP-II sponsored FDP on network technologies and security organized by UCE-BIT Trichy-2015.
6. Acted as a session chair for an International conference on computational intelligence organized by UCE-BIT Trichy-2016.
7. Session judge for a Technical Symposium organized by UCE-Ariyalur -2016.
8. Chief guest to inaugurate Technical Symposium organized by UCE-Ariyalur -2016.
9. Invited guest lecturer in the FDTP on Mobile Computing organized by UCE-Thindivanam -2016.
10. Delivered sessions in a two-day workshop on networking technologies organized by Ariyalur Engineering College- Ariyalur -2017.
11. Invited guest lecturer in the FDP on Computer networks organized by UCE-Thindivanam-2017.
12. Technical symposium -Invited talk University College of Engineering- Ariyalur 09-03-2018
13. Delivered a seminar on Networking Technologies - Technical Symposium organized University College of engineering – Ariyalur- 26-09-2019.
14. Delivered an online lecture in a faculty development program- Advanced Networking Technology organized by Shadan College of Engineering and Technology, Hyderabad-13,14-6-2020.
15. Delivered lecture in a workshop networking technologies in Fenix 2020 organized by the department of CSE-BIT campus Trichy-2020.
16. Delivered lecture on universal human values to the first-year students -Induction program-2020.
17. Delivered a webinar on networking technologies at St. Annes college of engineering and Technology, Cuddalore - 02-12-2020.
18. Mentor for covid-19 national bio information online hackathon-2020
19. Session chair for a national conference on intelligent computing and communication networks organized by the department of CSE-BIT campus Trichy-2020.
20. Inaugurated a national conference Innovista-22 at Arunai Engineering College - Tiruvannamalai on 28-09-2022 and delivered a keynote address.
21. Delivered a guest lecture in a workshop on networking made easy at Moogambigai College of Engineering 06-09-2022.

CONSULTANCY WORK

1. Design, Implementation, and Testing of LAN & Wi-Fi Technical Committee for Tamil Nadu National Law School, Srirangam Taluk, Tiruchirappalli-620009, Tamil Nadu, India.

ACADEMIC AND ADMINISTRATIVE RESPONSIBILITIES

1. UG/PG- Project Coordinator
2. PG/UG – Class Coordinator
3. Industrial Visit Coordinator
4. CISCO Academy Coordinator
5. Internal test coordinator
6. Department Sports Coordinator
7. Department Cultural Coordinator
8. TEQIP-II Nodal Officer
9. NBA e-SAR Submission Coordinator for Information Technology
10. Stock Verification Officer
11. TNPSC- Exam Coordinator
12. Coordinator - Development of Web Application for Grievance Redressal Cell
13. Technical Member - Grievance Redressal Cell
14. Member - Technical Support – NBA process
15. Panel Member - Interview for Recruitment of Technical Staff - Anna University BIT campus server room.
16. Purchase Committee Member
17. Server Room Coordinator
18. AUBIT Mail server Admin
19. Website Coordinator
20. Anti-ragging Committee Member
21. Part-Time Coordinator