

## FACULTY PROFILE



**Name:** Dr VISHU V

**Designation:** Associate Professor, Department of Computer Applications, SRM IST

**E-Mail:** vishuv@srmist.edu.in

**Professional Qualification:**

- P.hD in Computer Science

**Publications (Journals & Conferences):**

- Vishu V, 2022, “A Survey on Encryption and Search Techniques for Decision Making in RFID Human Monitoring Systems”, Volume-9, Issue-5, pp.4-11.
- Vinitha R, Iswarya B, Vishu V, 2021, 'Paperless Auction Processing System', PENSEE International Journal, ISSN 0031- 4773 (online), Volume 51, Issue 5, Sl No 63, pp. 627 - 630.
- Sarath Kumar R, Vignesh R, Vishu V, 2021, 'Women's Safety Mobile Application, PENSEE International Journal, ISSN 0031 - 4773 (online), Volume 51, Issue 6 - 2021, Sl No 99, pp. 968 - 973.
- Mathumathi N, Vishu V, 2021, „Leaf Rot Detection“, Journal of Huazhong University of Science and Technology, ISSN 1671 – 4512, Vol. 50, Issue 6, pp.1-3.
- Manikannan T, Mohammed Azarudeen S , Vishu V, 2021, „Desktop Assistant“, Journal of Huazhong University of Science and Technology, ISSN 1671 – 4512, Vol. 50, Issue 6, pp.1-3.

- Swaitha K, Konsaha Buji M, Vishu V, 2021, „Online Coding Discussion Forum“, Journal of Huazhong University of Science and Technology, ISSN-1671-4512, Volume 50, Issue 08, pp.1-4.
- Dhivya R, Gowsalya S, Vishu V, 2021, „Enhancing Crime Analysis Through Systematic Reporting Strategies“, ISSN-1671-9727, Journal of Chengdu University of Technology (Science and Technology Edition), Volume 26, Issue 07, pp 1-4.
- Iswarya B, Vishu V, 2020, “Biometric authentication and monitoring using wearables”, ICARA International conference on AI, Robotics and automation“, Paper Presented 2019
- Vishu V , Manimegalai R , 2019 , „Enhanced Decision Making with RFDS Search Key in RFID Environments“, Journal of Research on the Lepidoptera, ISSN 0022-4324 (print) ISSN 2156-5457 (online) Volume 50 (4), pp. 25-35.
- Vishu V, Manimegalai R, 2019, „RFAS Key Generation to Enhance Authentication and Search in RFID Environments“, International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-8, Issue-2S11, pp. 348-353. 2018
- Vishu V, Manimegalai R, 2018, „Integration of RFID Wireless Tags and Intelligence to Enhance Authentication in Smart Environment“, International Journal of Pharmaceutical Research, ISSN – 09752366, Volume 10, Issue 4, pp. 115-120.
- Vishu V, Manimegalai R, 2017, „RFID and Intelligence A Smart Authentication Method for Blind People“, Journal of Advanced Research in Dynamical and Control Systems, ISSN 1943-023x, Volume. 9, Issue 7, pp. 49- 56. 2013
- Vishu V, 2013, „A Smart Self Defense System for Physically or Mentally Challenged People Using RFID „, International Journal of Multidisciplinary Research, ISSN 2277-9302, Volume. II, Issue 7, pp. 42-45. 2012
- Vishu V, 2012, „An Intelligent RFID System For Analyzing the Prisoner“s Physical and Behavioral Challenges“, International Journal of Computer Science and Management Research, ISSN 2278-733X, Volume. 1, Issue 5, pp. 1144-1150.

## **Awards and Achievements**

- Advisory Board Member - International Conferences - Japan US UAE ...Meetings Fora
- Women Acharya Award Women Research Forum
- Innovation Ambassador – Innovation Council by Ministry of Education (MHRD) - CIT
- Resource Person - National Level Data Security
- Resource Person - International Level - Data Security Concerns in Startups
- Resource Person - International Level - Recent trends in Computer Science and related Issues

- Patent Filed on A 16 BIT V-RFAS KEY GENERATION METHOD FOR TRACKING THE HUMAN AND OBJECT MOVEMENT IN A CONFINED LOCATION
- Industry collaboration with IBM. Topic : IoT and Artificial Intelligence, on October 14 2020. Role coordinator Department of MCA,CIT
- Industry collaboration with Tata Consultancy Services . Topic : Cloud and Devops, on July 28 2020. Role coordinator Department of MCA,CIT
- Institute Level Interdepartmental Level Project Expo for CIT students " OPENTECH EXPO"- software and Hardware Project exhibition and competition. Organized on march 13 2020 . Role coordinator
- UGC Sponsored National Level two days Workshop on Machine Learning Techniques on January 3 4. 2019
- Student Technical Symposium CYBERFEST
- Best outgoing Alumnae
- Poster Track Co Chair - UGC Sponsored National conference on Computational Intelligence for Engineering Quality Software Conducted on Aug 22 2014.
- Game CD Release
- Rank Holder - UG

### **Workshops/Seminars/FDPs**

- National conference on Computational Intelligence for Engineering Quality Software 22- August UGC
- Poster Track Co-chair 2014
- Induction Program 28 August – 4 September CIT Co-ordinator 2019
- National Level two days' workshop on Machine Learning Techniques 3 - 4 January UGC Co-coordinator 2019
- OPENTECH EXPO - Interdepartmental Product Expo – Institute Level 13 March CIT Co-ordinator 2020
- Cloud and Devops Webinar in collaboration with Tata Consultancy services July 28 CIT - TCS Co-Ordinator 2020
- IoT and Artificial Intelligence Webinar in collaboration with IBM Oct 14 CIT- IBM CSR Co-ordinator 2020
- RW Conference on Science, Technology, Engineering and Management (ICSTEM) Paper Selected April 24 - 25 2022 Castlereagh Boutique, Sydney, Australia

- International Conference on Emerging Trends in Business, Management ,Engineering and Technology Sciences Paper Presented 24- 25 October 2013 Royal Park, Singapore
- ICARA International conference on AI, Robotics and automation Paper Presented 14 – October 2020 ICT Academy Global technology forum, Coimbatore
- Conference on Computational intelligence for engineering quality software – Conference - CIQS Attended 21-22 August 2014 CIT , Coimbatore 3 Conference on Energy, Environment and Engineering Attended 29 February – 2 March 2016 CIT , Coimbatore
- Business Analytics, Tools & Applications 23- 24 August 2013
- Author Workshop National Live WebEx by Keith Lambert 11 September 2013
- Advances in software engineering 8 - 9 February 2013
- High Performance Computing 24 July 2013 5 IBM Security Overview 11 September 2013
- Statistical modeling for computer science research 10- 16 February 2014
- Workshop on Advances in Software Engineering 8 - 9 February 2014
- Short term course on probability and statistics for machine learning 28 -2 Nov- Dec 2016
- Workshop on mobile application development research promotion program 6-7 January 2012
- workshop on software testing promises and challenges 3- 4 February 2012
- FDP on IoT Technology and Applications for Smart Environment 26-30 November TEQUIP -III Dept ECE ,CIT CBE Attended 2018
- One week FDP on Machine learning and Deep Learning Techniques with its Applications 10- 14 December Electronics and ICT Academy & VIT Vellore SCPOE , VIT Vellore Attended 2019
- One Week Faculty Development Programme on Computational Intelligence 18-22 January CIT , Coimbatore Manipal University, Jaipur Attended 2017

## **Work Experience: 17 + Years**

### **Academic Experience**

- Associate Professor 01 Feb 2023 – Till Date SRM Institute of Science and Technology, Delhi-NCR
- Assistant Professor 15 June 2009 – 05 Jan 2023 Coimbatore Institute of Technology, Coimbatore, India

### **Industrial Experience**

- 2006-2009 Software Engineer
- 2007 January - 2009 June Indigo Information Systems Pvt Ltd, Bangalore [www.indigoinform.com](http://www.indigoinform.com)

- Software Development – RFID Projects Programmer 2006 June to 2007 January Silicon Dot com Technologies, Bangalore Microsoft .Net Application Development, SQL database handling.

### **Professional Memberships:**

- Advisory Board Member 2023 - International Conferences Meetings fora
- IEEE Member
- International Association of Engineers IAENG
- International Computer Science and Engineering Society ICSES
- Anita Borg Institute for Women and Technology
- Institute For Engineering Research and Publication (IFERP)
- Technorate Transactions International Journal Editorial Board Member
- Member of Institution Innovation Council - Institute level- IIC Ministry of Education