

## PROFILE

|                                  |                                                                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name                             | Girija V                                                                                                                                                  |
| Position & Affiliation           | Assistant Professor, Department of CSE                                                                                                                    |
| Areas of Interest                | IOT,Blockchain ,Computer networks                                                                                                                         |
| Email                            | Girijav.cse@cambridge.edu.in                                                                                                                              |
| LinkedIn ID                      |                                                                                                                                                           |
| Google Scholar ID                | <a href="https://scholar.google.com/citations?authuser=1&amp;user=xv-UFFMAAAAJ">https://scholar.google.com/citations?authuser=1&amp;user=xv-UFFMAAAAJ</a> |
| Orchid ID                        | 0009-0004-9760-6056                                                                                                                                       |
| Vidwan ID                        | <a href="https://vidwan.inflibnet.ac.in/profile/566093(566093)">https://vidwan.inflibnet.ac.in/profile/566093(566093)</a>                                 |
| Scopus ID                        |                                                                                                                                                           |
| Professional Webpage<br>(if any) |                                                                                                                                                           |

### **Educational Qualifications:**

|       |                       |       |      |
|-------|-----------------------|-------|------|
| Ph.D  | Dr.MGR University     | India | 2024 |
| MTech | CITECH, VTUUniversity | India | 2016 |
| BE    | NMIT, VTU University  | India | 2007 |

### **Areas of Research:**

**Blockchain Based Enhanced Secured Framework on Smart Logistics**

### **Brief Profile: (write about yourself)**

I Dr Girija V, Started by Engineering in 2003 to 2007 in Information Science being an average second class student motivated to achieve topper in Class by end on Engineering ,followed by worked in reputed colleges as lecturer from 2007 to 2012 in New Horizon and East Point College of Engineering .Later settled in Canada and worked in software company which was second largest communication company ,later settled in India perused my masters in Computers in Cambridge Institute of Technology from 2014to 2016 continued as assistant Professor Till date in Cambridge Institute of Technology ,from 2020-2024 I completed My Ph.D in Computer Science Branch in Research area of IOT and Blockchain as Best Scholar in university in Three criteria .

Every year I Guide Two batches of BE and Mtech Students

Presently I am Mtech Coordinator in Citech

### **Awards/Achievements/Others:Best scholar in Phd**

**Courses Taught:IoT,CN,AI ML,SE,ME,O OMD,RM,CC**

**Publications/Patents:**

**Publications**

American Sign Language To Text Conversion Using CNN Model- International Journal of Creative Research Thoughts (IJCRT) [www.ijcrt.org](http://www.ijcrt.org). © 2024 IJCRT | Volume 12, Issue 5 May 2024 | ISSN: 2320-2882

Voice Recognition Based Home Automation System For Low Resource Language-International Journal of Creative Research Thoughts (IJCRT) [www.ijcrt.org](http://www.ijcrt.org). © 2024 IJCRT | Volume 12, Issue 5 May 2024 | ISSN: 2320-2882

Mfokg-Biot: A Secure IOT Framework Based on Block Chain with Enhanced Key Generation International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING ISSN:2147-67992 -IJISAE, 2024, 12(3), 3321–3330 |

IOT Based Home Automation Using Voice Recognition For Low Resource Language Journal of Emerging Technologies and Innovative Research (JETIR) © 2024 JETIR April 2024, Volume 11, Issue 4 [www.jetir.org](http://www.jetir.org)(ISSN-2349-516)

Sign Language To Text Conversion Using CNN Model Journal of Emerging Technologies and Innovative Research (JETIR) © 2024 JETIR April 2024, Volume 11, Issue 4 [www.jetir.org](http://www.jetir.org)(ISSN-2349-516)

A Hybrid Cryptographic Algorithm-based User Authentication and Secured Data Transmission in Block chain-based Internet of Vehicles (BIOV) Environment, International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING ISSN:2147-67992- IJISAE, 2024, 12(16s), 77–84

Application Of Block chain In Internet Of Vehicles Towards Improvement Of Smart Transportation Systems - A Convergence Survey International Journal of Electric and Hybrid Vehicles, 2023•inderscienceonline.com Q1 Published Online: October 17, 2023pp 217-233 <https://doi.org/10.1504/IJEHV.2023.134372>

International Journal of Emerging Technologies and Innovation Research titled Block Chain Based E-Tendering system volume 10/Issue 4 ISSN:2349-5162-26-04-2023

International Journal of Emerging Technologies and Innovative research titled A R Based Indoor Navigation system volume 10/Issue 4 ISSN:2349-5162-May 2023

National Conference on Recent Trends in Engineering and Technology Presented paper titled Using Random Forest Detecting Fraudulent Transaction. -17-18 June 2022 in Cambridge Institute of Technology

National Conference on Recent Trends in Engineering and Technology Presented paper titled

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                    | <p>Quality Enhancer of Video Regeneration using GFP-GAN -17-18 June 2022 in Cambridge Institute of Technology</p> <p>International Journal of Scientific Research in Science, Engineering and Technology on Video Regeneration and Quality Enhancer using GFP-GAN -2022</p> <p>International Journal of Scientific Research in Science, Engineering and Technology on A Survey on Fraudulent Transaction Detection using Random Forest-2022</p> <p>Journal of Xian Shi you university, Natural science Edition on Application of Blockchain in Internet of Vehicles Towards Improvement of Smart Transportation systems</p> <p>International Journal of Scientific Research in Engineering and Management (IJSREM) IoT Based Intelligent Robot for Military Application Using Raspberry PI- 2021</p> <p>Research Journal of Agricultural Sciences-Nutrition Monitoring of Plants with Advanced Technology-2020</p> <p>IJCRD Journals on Providing Privacy and Secured Multi Keyword Ranked Search of Encrypted Data over Cloud-.2016</p> <p>National Conference on Information and Communication Technology held on 28<sup>th</sup> and 29<sup>th</sup> March -2008.</p> <p>Participated in the TRAINING ON INSTRUCTION DESIGN AND DELIVERY held on August 2008.</p> |
| Patents            | <p>1.Title of the Invention:SYSTEM AND METHOD OF BLOCK CHAIN BASED E-TENDERING SYSTEM</p> <p>2. Title of the Invention: SYSTEM AND METHOD OF AR BASED INDOOR NAVIGATION SYSTEM</p> <p>3. Title of the Invention :AN INNOVATION IDENTIFICATION FOR GENETIC EXPRESSION OF COMPLEX DISEASES USING ARTIFICIAL INTELLIGENCE BASED MACHINE</p> <p>4. Title of the Invention: AN ARTIFICIAL INTELLIGENCE BASED AUTOMATED MEDICAL CHATBOT SYSTEM FOR PRELIMINARY MEDICAL DATA ENQUIRY USING QUESTION ANSWER MODEL</p> <p>5. Title of the invention: DESIGN OF HEALTH CARE NETWORK ARCHITECTURE FOR DISSEMINATION OF E-HEALTH RECORDS USING BLOCKCHAIN TECHNOLOGY</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Book/Book Chapters |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

**Research and Consultancy:**