CURRICULUM VITAE

SURNAME   **:** VILASKUMAR   **GIVEN NAME:** VISHU

NATIONALITY   **:** INDIAN

PRESENT ASSOCIATION : Associate Professor & Head, Department of Computer Applications,

SRM Institute of   Science and Technology, Delhi NC, India

Tel: + 91 – 9355931850   E- mail: hod.mca.ncr.sh@srmist.edu.in , vishuv@srmist.edu.in

VISA STATUS   : Australian Business Visitor Visa   (5 Years Business Visitor Visa)

PROFILE SUMMARY

- 18 + years of experience in **Academic** and **Software Industry**.
- Ph. D in Computer Science , Research Supervisor – SRM University 2024 onwards
- Visited **Queensland University, Brisbane, Australia** – **July 2024** for academic collaborations
- IEEE Member ,Advisory Board member – International Conferences 2023
- Editorial Board Member ,Research Coordinator ,Innovation l Ambassador
- Resource Person in National and International webinars, Keynote Speaker
- Industry Collaboration Workshops coordinator – IBM, TCS

EDUCATION

Ph.D. in Computer Science, Bharathiar University, India, **2020**

Post Graduate Degree in Computer Applications from Bharathiar University, India, **2006**

Graduate Degree in Computer Applications from Calicut University, India, **2003**

ACADEMIC IDENTITY   : Research Score: **284.9 https://www.researchgate.net/profile/Vishu-Vilaskumar**

Orcid Id   : 0000-0003-3900-8950   Scopus Id   : 57204792559

Researcher Id   : AAI-7064-2020   Google Scholar Id   : fcAS9hAAAAAJ

EXPERIENCE: (2009 – Till Date)   : 18 + Years

- Academic (Teaching) : **15 + Years**   Software Industry   :   **3 + Years**

I.   Academic Experience   2009 – Till Date

- **Associate Professor and Head of the Department** 01 Feb 2023 – Till Date

SRM Institute of Science and Technology, Ghaziabad, Delhi- NCR, India

- **Assistant Professor**   15 June 2009 – 05 Jan 2023

Coimbatore Institute of Technology, Coimbatore, Tamil Nadu, India

II.   Industrial Experience   2006-2009

- Software Engineer   2007 January - 2009 June

Indigo Information Systems Pvt Ltd, Bangalore

- Programmer   2006 June to 2007 January

Silicon Dot com Technologies, Bangalore

MEMBERSHIP AND POFESSIONAL BODIES

- IEEE Member, 2023

- Anita Borg Institute for Women and Technology, 2021
- Institute for Engineering Research and Publication (IFERP), 2021
- Member of Institution Innovation Council – Institute Level – IIC by Ministry of Education, 2019 onwards
- Member of Board of Studies, 2017 onwards

RESPONSIBILITIES PLAYED

- Innovation ambassador - IIC , CIT - Ministry of Education
- Board of Studies Member
- Resource Person - International webinar in Cyber Security, Webinar on Data Security
- Editorial Board Member, Technoreate Journal
- Institute Innovation Council – Department coordinator
- Department Research coordinator
- Department co-ordinator - ATAL & NIRF Ranking
- Department co-ordinator - Anna University, AICTE & UGC
- Coordinator - Student Technical Symposium CYBERFEST
- Coordinator - UGC Sponsored workshops
- Coordinator - Interdepartmental Product Exhibition OPENTECH EXPO

HONOURS AND AWARDS

- Women of Worth Award, SRM Institute of Science and Technology, New Delhi, 2024
- Advisory Board Member - International Conferences - Japan US UAE ...Meetings Fora 2023
- Women Acharya Award Women Research Forum New Delhi 2023
- Innovation Ambassador IIC – CIT 2021
- Resource Person - Data Security - National Level P K R College 2021
- Resource Person - International Webinar on Data Security Concerns in Start-ups Research

world 2021
- Resource Person - Two days International webinar on Recent trends in Computer Science and related Issues , St Marys College, 2020
- Coordinator for Student Technical Symposium CYBERFEST,CIT, 2019
- Best outgoing Alumnae ,PKR College,2017
- Poster Track Co Chair - UGC Sponsored National conference on Computational Intelligence

for Engineering Quality Software . Conducted on Aug 22 2014.
- Game CD Release by students – Guide, Coimbatore Institute of Technology, 2013
- Rank Holder, Calicut University, 2003

PATENTS (FILED) : 1
2021

- Vishu V, Keerthipati Kumar, "A 16 BIT V-RFAS Key Generation Method For Tracking the Human and Object Movement in a Confined Location", File No :202241017753, Filing date : 28.3.2022, National, https://patentscope.wipo.int/search/ko/detail.jsf?docId=IN357592917&_cid=P10-L6BRFO-23151-1

PUBLICATIONS : 15 (Under Scopus, SCI and UGC Category)

2024

- Vishu V, Keerthipati Kumar, Revathi A & Rajukumar R, 'DNA TRIKKY Based Security Mechanism for Radio Frequency Identification Protocol', IETE Journal of Research (Taylor & Francis), Volume-0, P1-4.

2022

- 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.

2021

- 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.

2020

- 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.

2017

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 Defence 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.

ORGANIZED PROGRAMS

CONFERENCES, WORKSHOPS AND PROJECT EXPOS					
Sl no	TITLE	DUARTION	SPONSOR	ROLE	YEAR
1	National conference on Computational Intelligence for Engineering Quality Software	22-August	UGC	Poster Track Co-chair	2014
2	Induction Program	28 August – 4 September	CIT	Co-ordinator	2019
3	National Level two days workshop on Machine Learning Techniques	3 - 4 January	UGC	Co-coordinator	2019
4	OPENTECH EXPO - Interdepartmental Product Expo – Institute Level	13 March	CIT	Co-ordinator	2020
5	Cloud and Devops Webinar in collaboration with Tata Consultancy services	July 28	CIT -TCS	Co-ordinator	2020
6	IoT and Artificial Intelligence Webinar in collaboration with IBM	Oct 14	CIT- IBM CSR	Co-ordinator	2020

ATTENDED PROGRAMS

ABROAD CONFERENCES			
Sl.No	**Name of the Paper/ Conference**	**Role & Duration**	**Venue**
1	Dr Vishu V, Research world Conference-Meetings,	6th - 7th July, 2024 - Speaker and Guest	Jasper Hotel Melbourne VIC 3000, Australia
2	Dr Vishu V, , "A Survey on encryption and Search Techniques For Decision Making in RFID Human Monitoring Systems ", RW Conference on Science, Technology, Engineering and Management (ICSTEM)	Paper Selected April 24 - 25 2022	Castlereagh Boutique, Sydney, Australia
3	Vishu V, "A Smart Self Defence System for Physically or Mentally Challenged People Using RFID", International Conference on Emerging Trends in Business, Management ,Engineering and Technology Sciences	Paper Presented 24- 25 October **2013**	Royal Park, Singapore
NATIONAL CONFERENCES			
1	Iswarya B, Vishu V, "Biometric authentication and monitoring using wearables", ICARA International conference on AI, Robotics and automation	Paper Presented 14 – October **2020**	ICT Academy Global technology forum, Coimbatore
2	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

WORKSHOPS & SEMINARS

Sl.No	**Name of the Program me**	**Duration**		
1	Business Analytics, Tools & Applications	23- 24	August	2013
2	Author Workshop National Live WebEx by Keith Lambert	11	September	2013
3	Advances in software engineering	8 - 9	February	2013
4	High Performance Computing	24	July	2013
5	IBM Security Overview	11	September	2013
6	Statistical modeling for computer science research	10- 16	February	2014
7	Workshop on Advances in Software Engineering	8 - 9	February	2014
8	Short term course on probability and statistics for machine learning	28 -2	Nov- Dec	2016
9	Workshop on mobile application development research promotion program	6-7	January	2012
10	workshop on software testing promises and challenges	3- 4	February	2012

FACULTY DEVELOPMENT PROGRAMS

Sl No	Title of the Programme	Duration	Sponsor	Venue	Role	YEAR
1	FDP on IoT Technology and Applications for Smart Environment	26-30 November	TEQUIP -III	Dept ECE ,CIT CBE	Attended	2018
2	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
3	One Week Faculty Development Programme on Computational Intelligence	18-22 January	CIT , Coimbatore	Manipal University, Jaipur	Attended	2017