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PUBLICATIONS:

International Journals

- Naresh Patel K M, **Dr. Ashoka K**, “ Disease Categorization with Clinical Data using optimized Bat Algorithm and Fuzzy Value”, *Journal of Intelligent and Fuzzy Systems* (SCI and Scopus indexed Q2 Journal). E-ISSN: 1064-1246, vol. 44, no. 3, pp. 5467-5479, March 2023, DOI: 10.3233/JIFS-222749.
- Shivakumaraswamy G M., Dr. Rajanna G S, **Dr. Ashoka K**, “Privacy preserving in Electronic Healthcare Data using Application Based Requirements with Sensitivity Level Flags” *Computer Integrated Manufacturing Systems*, Volime-28, No.-11. (SCOPUS indexed Q2 journal with ISSN: 1006 – 5911).
- Shivakumaraswamy GM, Rajanna GS, **Dr. Ashoka K**, “Design an IoT enabled healthcare system for improving the performance of security and authentication in cloud computing”, *Telematique*, Vol-21, No-1, 2022 (SCI-E and Web of Science indexed Journal)
- Shivakumaraswamy G M., Dr. Rajanna G S, **Dr. Ashoka K**, “Issues of Security and Privacy in Internet of Things: A realistic Survey” *NEUROQUANTOLOGY*, Vol. 20, Issue. 11, pp. 8106-8112, November-2022. (SCOPUS indexed Q3 journal with ISSN: 1303-5150).
- Naresh Patel K M, **Dr. Ashoka K**, “ A Privacy Preserving Model for Enhancing the Public access to healthcare data using Hybrid Optimization and Data Anonymization techniques”, *Telematique* (SCI-E and Web of Science indexed Journal). E-ISSN: 1856-4194, Volume 22, Issue 1, pp. 644-662, January 2023
- Ashoka K, Poornima B. “A Survey of latest developments in Privacy Preserving Data Publishing” *International journal of Advanced Information Science and Technology*, Vol. 3, No. 12, Dec. 2014. (SCOPUS indexed international journal with ISSN: 2319 2682).
- Ashoka K, Poornima B. “Organized Clustering Method for Privacy Preserving Data Publishing”, *International Journal of Engineering and Manufacturing Science*, ISSN 2249-3115 Volume 8, Number 1 (2018) pp. 23-32

- Ashoka K, Iffath Fathima S. “Machine Learning Approach for Recognition of Mathematical Symbols”, *International Journal of Scientific Research Engineering & Technology (IJSRET)*, ISSN 2278-0882 Volume 6, Issue 8, August 2017.

Book Chapters

- Ashoka K, Poornima B. “Mutual Correlation based Anonymization for Privacy Preserving Medical Data Publishing”, *Information Security in Biomedical Signal Processing*, IGI Global Publishers PP 304-319, Apr. 2018, doi:10.4018/978-1-5225-5152-2.ch016
- Ashoka, K., Poornima, B. “ Stipulation-Based Anonymization with Sensitivity Flags for Privacy Preserving Data Publishing.” In: Sa, P., Bakshi, S., Hatzilygeroudis, I., Sahoo, M. (eds) *Recent Findings in Intelligent Computing Techniques . Advances in Intelligent Systems and Computing*, vol 707. Springer, Singapore. https://doi.org/10.1007/978-981-10-8639-7_46

International Conferences

- Ashoka K, Poornima B. “Mutual Correlation based Optimal Slicing for Preserving Privacy in Data Publishing” S. C Satapathy et al. (eds.) *Smart Computing and Informatics, Smart Innovation, Systems and Technologies 77*, Springer Nature Singapore Pte Ltd. 2018, PP 593-601.
- Ashoka K, Poornima B. “Enhanced Utility in Preserving Privacy for Multiple Heterogeneous Sensitive Attributes using Correlation and Personal Sensitivity flags” at *ICACCI-2017* on 13-16 September 2017, at MIT, Manipal.
- Ashoka K, Puneeth B. H. “*Realtime Android Mobile based application for Smart Vehicular Traffic System*” NCCTCSE, May 2012.

FUNDED R&D PROJECTS:

Project Title	Funding Agency	Role	Status	Amount
Design and Analysis of Efficient Privacy Preserving Data Mining Algorithms	AICTE Grant no. 20/AICTE/RIFD/RPS (Policy-1)31/2013-14	Co-investigator	Completed	4.3 Lakhs
Land Records Administration using Block chain Technology	KSCST (2019-20)	Supervisor	completed	0.03 Lakhs
Detection of Road Accidents and Minimizing Their Impact Through MEMS Sensor	KSCST (2020-21)	Supervisor	completed	0.06 Lakhs

PATENTS PUBLISHED/GRANTED:

Applicant Name	Patent Title	Application No.	Date of Publication / Status

Dr. Ashoka K.	An IoT Operated LED Driver System	202041052879	11-Dec-2020
Dr. Ashoka K	Cost effective sewerage blocking monitoring using image processing and Internet of Things	202341025353	03-April-2023

QUALIFICATION:

- PhD. From Visveswaraya Technological University in 2018.
- M.Tech. (VLSI & Embedded Systems) First class with distinction in the year 2002-2004 at VTU, Belgaum.
- B.E (CS&E) First class with distinction, during the year 1996-2000 at B. D. T. college of Engg, Davangere.

RESPONSIBILITIES:

- Worked as Reviewer / Technical Program Committee member for various journals / conferences of repute.
- NBA Criterion-5 coordinator.
- Institute scholarship coordinator.
- Institute coordinator for AICTE activity points program.
- Coordinator for IGNOU study center BIET, Davanagere from March-2021.
- Active member in the Infosys initiated Campus-connect program.
- Academic Project coordinator for CSE Department from 2008 to 2018.

AWARDS & ACHIEVEMENTS:

- Winner of AICTE FIT-INDIA CHALLENGE 2021-22.
- Certificate of recognition for the outstanding contribution to Infosys initiative Campus-Connect program in 2011.
- An article is published in “Integrated Innovations” published by Wipro Technologies Ltd. As part of Missin-10X.
- One of the Development Center level winner in Case-Folio a Case-study generation contest as part of Infosys initiative Campus-Connect program.
- Displayed innovative teaching-learning poster at Mission 10X conclave 2011 organized by Mission 10X, Wipro, Bangalore in Dayananda Sagar College of Engineering, Bangalore on 19th August 2011.
- Best project award for the project guided in the year 2008, 2010.
- Best teacher award in the year 2006-2007 for getting 100% result in the subject taught.

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