

S.R.MENAKA

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9080611356 & 9942760078

OBJECTIVE

To secure a challenging position where I can effectively contribute my skills as Software professional, possessing competent Technical skills.

EDUCATIONAL QUALIFICATION

Pedagogic Details			
Degree qualification	Institute/University	Percentage	Year of passing
Ph.D. (Information and Communication)	Anna University, Chennai	Highly Recommended	Sep 2018
M.E. (Computer Science and Engineering)	Sri Krishna college of Engineering And Technology, Anna University, Coimbatore	8.61%	Jun 2009
B.E (Information Technology)	K. S. Rangasamy college of Technology. Periyar University, Salem	76%	May 2004

ACADEMIC EXPERIENCE

- **Teaching Experience** : 10.9 Years
- **After Ph.D** : 3 Years 6 Months

WORK EXPERIENCE

- **From Jun 2009 - Jun 2014**, Assistant Professor in the department of Computer Science and Engineering, Sengunthar Engineering College, Affiliated to Anna University(5.2 years)
- **From Aug 2014 - Jan 2016**, Assistant Professor in the department of Computer Science and Engineering, Vivekanandha College of Technology, Affiliated to Anna University(1.5 years)
- **From Jun 2018 to till now**, Assistant Professor in the department of Information Technology, KSR College of Engineering (3.9 years)
- **From Jan 2022 to till now**, Associate Professor in the department of Information Technology, KSR College of Engineering (~4 Months)

SOFTWARE EXPERIENCE

Programming Languages : C, C++, VB 6.0, Java
Operating Systems : DOS, UNIX, Windows
Databases : RDBMS, Oracle, MS-Access
Testing Tools : WinRunner, Load runner

SUBJECTS ALREADY TAKEN

- Database Management Systems
- Mobile Computing
- Software Project Management
- Fundamentals of Computing and Programming
- Principles of Compiler Design
- Software Engineering
- Object Oriented Analysis and Design
- Advanced Database Systems
- Software Testing
- Computer Networks

PAPER S PUBLISHED IN INTERATIONAL JOURNALS / CONFERENCES

- Menaka, SR, Sugirtha K 2021,' Deep learning based Automatic Diabetic Retinopathy Detection Using Fundus Images: A Survey', International Research Journal of Engineering and Technology, vol. 8, no. 12, pp. 1128-1134
- Menaka, SR 2021. 'Conceal Face Mask Recognition Using Convolution Neural Network', International Research Journal of Modernization in Engineering Technology and Science, vol. 3, no. 4, pp. 408-413
- Menaka, SR 2020. 'Healthcare Monitoring', International Journal of Advanced Science and Engineering Research, vol. 5, no. 1, pp. 115-119
- Menaka, SR 2020. 'Analysis of Lung Diseases by using Fusion of CT and MRI Images', International Journal of Engineering Research & Technology, vol. 8, no. 12, pp. 174-176
- Menaka, SR, Venkatesh 2019,' Density base Road Accident Control Sensor Monitoring Using Dynamic Network Topology Graph Framework', International Journal of Advances in Engineering and Emerging Technology, vol. 10, no. 2, pp. 16-22
- Menaka, SR, Venkatesh 2019,' Survey of Distributed Roadside Unit for the Data Dissemination Protocol in VANET with the Named Data Architecture', International Journal of Advances in Engineering and Emerging Technology, vol. 10, no. 2, pp. 34-41
- Menaka, SR , Murugesan G 2017, 'Energy Efficient and Balanced Routing for Wireless Sensor Networks', International Journal of Printing , Packaging and Allied Sciences, vol. 5, no. 1, pp. 492-505. (Annexure I)
- Menaka SR, Murugesan G 2016, 'Energy Efficient and Collaborative Communication Protocol for Wireless Sensor Network', Asian Journal of Research in Social Sciences and Humanities, vol. 6, no. 8, pp. 883-890. (Annexure I)
- Menaka SR, Murugesan G 2014, 'Performance Analysis of Energy Efficient and QOS Based Routing Protocol of Wireless Sensor Networks', International Journal of Applied Engineering Research, vol. 9, no. 24, pp. 28079-28090. (Annexure II)
- Menaka SR, Murugesan G 2016, 'Energy Efficient Protocol for Wireless Sensor Network', International Conference on Electrical, Electronics and Computer Engineering, Vivekanandha College of Engineering, March 2016.

- Menaka, SR Murugesan G 2015, 'An Energy Efficient Sleep Scheduling for Mobile Wireless Sensor Networks Using Target Prediction', International Conference on Intelligent Systems and Control, Karpagam College of Engineering, January 2015.

NPTEL / MOOC Certification

- Completed NPTEL Course entitled as “ Problem Solving through Programming in C” on Jan-Apr 2019
- Completed NPTEL Course entitled as “ Database Management Systems” on Jan-Apr 2019
- Completed NPTEL Course entitled as “ Software Testing” on Jan-Apr 2020

SEMINAR / WORKSHOP ORGANIZED

- **Coordinator** for **SITE** sponsored National Seminar on “Millennial : Social Challenges in Real and Virtual World” , 22 August 2019
- **Coordinator** for a National Seminar on “Augmentation and Virtual Reality” , 22nd April 2022

PROJECT / CONSULTANCY

- Submitted Project Proposal entitled as “Deep Learning Based Automatic Diabetic Retinopathy Detection Using Fundus Images” in Tamilnadu State Council For Science And Technology, Dote campus, Chennai-600025, March 2022

PATENT/COPY RIGHT

- Menaka S.R., 'AI Based Prostate Cancer Detection in MRI Images , Published in Pattern Journal, Patent Office Journal No. 33/2021 Dated 13/08/2021.

FDP ATTENDED

- **ATAL** sponsored Faculty Development Programme on “Women in cyber security and privacy in 2020” held at St.Martins Engineering College, Andra Pradesh, during 06 October 2020 to 10 October 2020. (5 Days)
- **ATAL** sponsored Faculty Development Programme on “Blockchain and Artificial intelligence-towards the next big technology resolution” held at K.S Rangasamy College of Technology, Tiruchengode, during 30 November 2020 to 05 December 2020. (5 Days)
- **AICTE** sponsored Faculty Development Programme on “Quantum Computing” held at K.S Rangasamy College of Technology, Tiruchengode, during 4 January 2021 to 08 January 2021. (5 Days)
- **ATAL** sponsored Faculty Development Programme on “Challenges and Opportunities of Data Science in smart Healthcare turning Data into Clinical Intelligence” held at K.S Rangasamy College of Technology, Tiruchengode, during 16 April 2021 to 29 April 2021. (13 Days)
- **ATAL** sponsored Faculty Development Programme on “Sensor Networks, Internet of things and Internet of Everything” held at St.Martins Engineering College, Andra Pradesh, during 03 May 2021 to 08 May 2021. (5 Days)
- **ATAL** sponsored Faculty Development Programme on “Innovation in Telemedicine in Rural India enabled by Advancement in Artificial Intelligence” held at RMK Engineering College, during 15 June 2021 to 19 June 2021. (5 Days)
- **ATAL** sponsored Faculty Development Programme on “Internet of Things in Smart Cities” held at Kongunadu College of Engineering and Technology, during 20 September 2021 to 24 September 2021. (5 Days)

PERSONAL TRAITS

- Self confidence
- Hard work

PERSONAL DETAILS

Father's Name	:	S.Ramasamy
DOB & Age	:	17/06/1983 and 37
Sex	:	Female
Marital Status	:	Married
Nationality	:	Indian
Languages	:	Tamil, English
Hobbies	:	Reading books
Address	:	4/128, Vittampalayam , Tiruchengode, Namakkal 637214

DECLARATION

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Place : Tiruchengode
Date : 04.01.2023

Yours truly,
S.R.Menaka