

Mrs. Megha H C

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CARRIER OBJECTIVE

Seeking a starting position where in I can utilize my technical skills for achieving the target & developing best performance in the company.

ACADEMIC QUALIFICATION

Degree/Course	Institution	Year of Passing	Percentage/ CGPA
Doctor of Philosophy (PhD) (CS&E)	Visvesvaraya Technological University (VTU)	Pursuing	-
Master of Technology (CS&E)	Vidyavardhaka College of Engineering, Mysore(VTU)	2020	8.73
Bachelor of Engineering (CS&E)	Rajeev Institute of Technology, Hassan(VTU)	2018	64.55%
Diploma in CS&E	Government Polytechnic, Belur (DTE, Bangalore)	2015	71.48%
SSLC	Government Girls PU College(Main), Hassan	2012	77.44%

WORKING EXPERIENCE

I am working as Assistant Professor in the Department of Computer Science & Engineering, at Rajeev Institute of Technology, Hassan from 5-Sep-2022 to till date.

SUBJECT HANDELED

Network Management, Computer Organization, Object Oriented Programming with JAVA, IoT - Internet of Things, Wireless network and Mobile Computing, Micro Controller & Embedded System.

ACADEMIC- PROJECT DETAILS

1. Final project in M.Tech

Title: “Brain Tumor Detection and Classification System for MRI image”

Description: For every life, Health is a most important in their lives. Brain tumor is the deadly cancer, chances of survival of human with cancer is very less. Early detection of cancer dramatically enhances of successful treatment. This application intended to detect and classify the brain tumor with help of MRI scanned images of brain using CNN deep learning classifier model. This application developed by python language, Django and machine learning (TensorFlow) framework.

2. Mini Project in M.Tech

Title: “Sentiment Analysis of Tweets using Lexicon based approach”

Description: Sentiment analysis of Tweets using Lexicon based application is a machine learning tool developed using python language. This is a technique of investigating, understanding the emotions or thoughts behind the text and whether the polarity of a subject under investigation is positive, negative, or neutral about that topic.

3. Final Year Project in BE

Title: “High Capacity Reversible Data Hiding in Encrypted Images by Patch-Level Sparse Representation”

Description: Reversible data hiding (RDH) in images aims to exactly recover both the embedded secret information and the original cover image. The pixels of the local structures like patches are heavily compressed, thus resulting in a large hiding room. The patch-level sparse representation when hiding the secrete data. The learned dictionary is also embedded into the encrypted image. This application more helps to military, medical and legal scenarios.

4. Final Year Project in Diploma

Title: “Maximize the Lifetime of Object tracking sensor network with Node-to-Node Activation Scheme (MLONAS)”

Description: A Sensor nodes are fitted with a battery which is not easily replaceable. The energy saving scheme called MLONAS in which minimum number of nodes are involved in tracking of an object while other nodes remain in the sleep mode. When an object is going to enter the region of other node it will activate that node. This scheme can increase the life of sensor network as few nodes are involved in tracking of moving object where as others remain in the sleep state.

PAPER PUBLICATION

1. Megha H C, Shashikala M K, “Exploratory Research of Brain-Tumor Detection and Classification using Deep-Learning-Technique”, Grenze International Journal of Engineering and Technology, June Issue, Grenze ID: GIJET.9.2.453© Grenze Scientific Society, 2023
2. Megha H C, “The Research Assessment study on Brain-Tumor Detection and Classification from MRI Imaging test”, International Journal of Scientific Development and Research (IJS DR) www.ijdsdr.org IJS DR2005094, © May 2020 IJS DR | Volume 5, Issue 5 ISSN: 2455-2631.
3. Megha H C, “Evaluation of Brain Tumor MRI Imaging Test Detection and Classification”, International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429, Volume 8 Issue VI June 2020, www.ijraset.com.

4. Megha H C, “Survey on Security threats and Remedies in cloud Computing”, International Research Journal of Engineering and Technology(IRJET), Volume 6 Issue 6 2019, e-ISSN: 2395-0056.

INDUSTRIAL EXPOSURE

1. Attended One day workshop on “Cyber-Hacking” in August 18th 2017 at Rajeev Institute of Technology, Hassan.
2. Participated in the “Kaizen IOT Workshop” conducted by Vidyavardhaka College of Engineering (VVCE) on 9th Nov -10th Nov, 2018 at Mysore.
3. Participated in the workshop “Local Host: Build and Deploy your First Website” and “Lets Switch Back to DS (Data Structure)” during major league hacking’s, Local Hack Day hosted by GitHub on 25th Sep 2018 at VVCE, Mysore.
4. Participated in the “Mobile Developer Fest” Google Developers, VVCE on 24th Sep 2018 at Mysore.
5. Participated in the One day Workshop on “IoT with Hands-on” organized by Dept. Of CSE, VVCE Mysore, on 11th Jan 2019.
6. Worked as Student Volunteer for the Faculty Development Program (FDP) on “Cyber Security, Network Simulators and Research Challenges in Networking” hosted by WING (Wireless Inter Networking-Group) on 21st -25th January 2019 at VVCE, Mysore.
7. Attended One day workshop on “ Paper Writing Skills” held at VVCE on September 7th 2019, Organized by Wireless Internetworking Group(WiNG) I association with VVCE ACM student chapter.
8. Completed 2 months Internship on “Design and Development of embedded systems using Raspberry pi and IOT” at Loginware Softtech Pvt. Ltd., Hassan, from 15-July-2019 to 15-Sep-2019.
9. Attended Two days’ workshop on “Paper Writing Skills & LaTeX Tool” held at VVCE, Mysore on October 17th and 18th 2019, Organized by Wireless Internetworking Group (WiNG) I association with VVCE ACM student chapter.
10. Attended 10 Days online FDP on “Cyber Security Essentials” from 15-Feb-2023 to 28-Feb-2023 by CDAC- Hyderabad in RIT, Hassan.
11. Attended 5 Days workshop on “Augmented Reality and Virtual Reality (AR-VR)” from 26-Apr-2023 to 30-Apr-2023 by ARK Unity in RIT, Hassan.
12. Participated in the “Ethical Hacking & Cyber Security workshop”, from 24th August- 26th August 2023, organized by NICC & Rajeev Institute of Technology, Hassan.
13. Participated in the online training program on “Overview of Space Science & Technology”, by Space Science and Technology Awareness Training (START), from 20-July-2023 to 07-Aug-2023 at RIT, Hassan.

TECHNICAL SKILLS

- **Programming languages:** C, C++, Java, .net, Mysql, python.
- **Web development** : HTML, CSS, JavaScript, PHP.
- **Frameworks** : Eclipse, Photoshop, Anaconda(Python, Jupyter notebook),
VNC Viewer, VMware, Google Colab, TensorFlow
- **Operating System** : Windows, Ubuntu

SOFT SKILLS

- Good Communication Skill
- Ability to produce best results within time
- Teamwork and Quick learner
- Self-Motivation

PERSONAL DETAILS

Name : Megha H C
Date of birth : 24/12/1996
Spouse name: Prashanth S B
Languages known : Kannada and English
Hobbies : Reading Newspaper, Listening Music, Reading Books, Drawing and Painting
Nationality : Indian

DECLARATION

I hereby declare that all the information furnished above is correct to the best of my knowledge.

(Megha H C)