

CURRICULUM VITAE

UMME SADIYA

Asst professor

Dept of ISE

MCE, Hassan

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EXPERIENCE:

9.5 years

CAREER PROFILE:

PRESESNT: MALNAD COLLEGE OF ENGINEERING HASSAN

An autonomous institute in Hassan, Karnataka, India. The courses of **MCE Hassan** are accredited by the NBA.

PAST: RAJEEV INSTITUTE OF TECHNOLOGY (2015 – 2023)

A Technical Institution in Hassan, Karnataka, India. As teaching faculty at the college I teach the following subjects to undergraduate students,

Programming in C and Data Structures, Computer Graphics, Data Structures, , python, Data Communications, Java , Compiler Design, OOMD, .net, C++ etc.,

PAST: L.V.POLYTECHNIC AND GOVT. ENGINEERING COLLEGE HASSAN (2011-2012, 2015)

A polytechnic institution in Karnataka, India. As a teaching faculty at the college I taught the following subjects to polytechnic students,

Computer Networks, C++, C,WEB..

TECHNICAL PUBLICATIONS:

1. UMME SADIYA, "Files and Account Security for Multi-Owners in cloud",

NATIONAL CONFERENCE on REAL TIME SYSTEMS,2014. Proceedings,
“International Journal of Engineering Research and Technology (IJERT) “, ISSN: 2278-0181, ESRSA Publications.

2. UMME SADIYA, VBHA N.H, SPANDANA S.H, “**Estimation of fetal birth weight during High-Risk pregnancies through Machine learning**”, 14th International conference on Advances in Computing, Control, and Telecommunication technologies-ACT 2023(June 15th 16th 2023), ISBN-978-81-955890-5-0.
3. UMME SADIYA, INDUMATHI H.S, VARSHA R.M, “**Fraud detection analysis for insurance claim using Machine learning**”,14th International conference on Advances in Computing, Control, and Telecommunication technologies-ACT 2023(June 15th 16th 2023), ISBN-978-81-955890-5-0.

SEMINARS /CONFERENCES/ WORKSHOP ATTENDED:

1. Faculty development program on “**IMAGE PROCESSING and PATTERN RECOGNITION**“ Malnad College of Engineering, Hassan March 2017
2. Students workshop on “**LATEX**” HKBK Engineering College, Bangalore April 2014
3. Workshop on “**WEB APPLICATION DEVELOPMENT USING BOOTSTRAP 4 AND SQL SERVER**” Rajeev institute of technology, Hassan, Oct 12 and 13 2019.
4. National workshop on “ **MACHINE LEARNING AN OUTREACH WORKSHOP OF TECHNEX’20, IIT Varanasi** in association by Dept. of CSE Rajeev institute of technology, Hassan.
5. National level workshop on on “**CISCO NETWORKING AND CYBER SECURITY**” Rajeev institute of technology, Hassan, organized by Lemures technologies Pvt. Ltd. April 4th and 5th 2017.
6. Five day national level faculty development program on “ **INCULCATING UNIVERSAL HUMAN VALUES IN EDUCATION AN ASPIRATION OF NEP 2020**”, HKBK COLLEGE Bangalore, organized by **internal quality assurance cell** in association with universal human values cell, 09/05/2022 to 13/05/2022.
7. National level workshop on “ **INNOVATIVE TECHNOLOGIES TO IMPROVE QUALITY OF TEACHING AND LEARNING**” organized by **internal quality**

- assurance cell sponsored by National assessment and accreditation council , from 4th April to 6th April 2022, G H RAISONI INSTITUTE OF ENGINEERING AND TECHNOLOGY, NAGPUR.
8. Online faculty development program on “ **CYBERSECURITY AND BLOCKCHAIN TECHNOLOGIES**”, organized by Dept. of CSE, East point college of engineering and technology, Bengaluru, from 5th April to 9th April 2022.
 9. Faculty development program on “ **GREEN, SMART, 5G TECHNOLOGIES**”, Dept. of EC, MALNAD COLLEGE OF ENGINEERING, HASSAN, from Dec 9th 2019 to Dec 21 2019.
 10. Five days FDP on “**INDUSTRIAL ADVANCEMENTS AND RESEARCH ON AI&ML**” from 29/8/2022 to 02/09/2022.
 11. Two days FDP on “**SCILAB**” ON 27th Aug 2022 and 03rd Sep 2022.
 12. Three days webinar on “ **IMPLEMENTATION OF NATIONAL EDUCATION POLICY-2020**” organized by Bangalore institute of technology from 6th to 8th December 2021.
 13. Five days online FDP on “**EMERGING TRENDS IN COMPUTATION**” in association with CISCO system pvt ltd., Bangalore from 2nd august to 6th august 2021, organized by dept of CSE,ISE and MCA, M S Ramaiah Institute of Technology, Bangalore, India.
 14. Training of trainers on “**BLOCKCHAIN TECHNOLOGY**” under ‘Future skills prime’ program, held from 9th March 2023 to 24th March 2023.
 15. Five days hybrid faculty development programme on “ **National education policy for skill India and data analytics and cloud computing**” in collaboration with Institute of Engineers(India) and Edunet foundation and EYGDS(London) from 10th April 2023 to 15th April 2023 at City Engineering College, Bengaluru.
 16. IP Awareness training program under “**National intellectual property awareness mission**” on April 20,2023, organized by Intellectual property office, India.

COURSES

1. NPTEL online certification course on “ **PROBLEM SOLVING THROUGH PROGRAMMING IN C**”, JAN-APR 2019

AREA OF INTEREST

1. Data structures
2. Cloud Computing
3. Network Security and Cryptography

QUALIFICATION:

MASTER OF TECHNOLOGY (Computer Science & Engineering),

HKBK College of Engineering, Bangalore,

Aggregate- 79%, Visvesvaraya Technological University, Belgaum, Karnataka (2012-2014).

PROJECT WORK:

File and Accounts security for multiple owners in Cloud (Oct 13 to July14)

- ❑ Cloud computing enables its users to share the group resources efficiently. In Cloud computing, Cloud service providers, such as Amazon, provide various services to the users. These users can migrate their local data into the Cloud and can enjoy high quality services of the Cloud.
- ❑ It is not an easy task to design an efficient secure system due to some following issues-
First, identity privacy. Without ensuring their privacy users may be unwilling to store or share the data into the Cloud. **Second**, in a multi-owner fashion, any member can be able to enjoy the data storing and sharing services provided by the Cloud. It is more flexible compared to single-owner access in practical applications. **Lastly**, when a new staff participates or current employee revoke, the anonymous system challenges them to learn the content of the data before their participation such that they could not have to contact data owners to obtain all the decryption keys.

To overcome these issues we try to propose secure multi-owner data sharing scheme which is also able to support dynamic groups efficiently.

BACHELOR OF ENGINEERING (Computer Science & Engineering)

Government Engineering College, Hassan, Visvesvaraya Technological University, Belgaum, Karnataka (2007-2011).

PROJECT WORKS:

Library Management System (Feb11 to June11)

- ❑ The main purpose of our project is to maintain the detailed information of books. Our project view is to overcome the problems faced by the Librarian in manual maintenance of books. Different reports and Queries can be generated based on vast options related to students, lecturers, department, allocation, author, publisher for the library.
- ❑ Our project “**Library Management System**” has been developed using XAMPP tool (front-end PHP back-end MySQL). It is a software application for education establishments to manage book data.

Motion Blur (May10 to July10)

- ❑ The main purpose of this project is to perceive motion blur when an object moves faster than our eyes can track it. In essence, the picture changes as the brain is “processing” the image, but the focus on the moving target is never lost. When you simulate motion blur with computer graphics, it is important to remember that the current (or final) position of the object you are blurring must look more solid (or focused) than the rest of the frames.
- ❑ This project is developed in CG. The team size was 2. We both had an important role in making this project success.

DECLARATION

I hereby declare that the above written particulars are true to the best of my knowledge and belief. Given an opportunity to work in your esteemed organization, I shall put my effort to your expectation.

UMME SADIYA