

## Jinu Mohan

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### Objective:

To pursue a challenging career and be part of a progressive organization that gives scope to enhance my knowledge, skills and to reach the pinnacle in the computing and research field with sheer determination, dedication and hard work.

### Profile Summary

- **Doctor of Philosophy in Computer Science** from Bharathiar University, Coimbatore.
- **Assistant Professor** at Computer Science and Engineering Department in FISAT, Angamaly.
- **Assistant Professor** at Computer Science and Engineering Department in SNGCE, Kadayiruppu.
- **Lecturer** at Computer Science and Engineering Department in Mangalam College of Engineering, Ettumanoor.
- **M.Tech** (Computer science and Information Systems) – M G University (FISAT).
- **B.Tech** (Computer science) – Cochin University of Science and Technology.
- Certificate course in Software Test Engineering (**PCSTE+**) from **Stag Software** Private Limited.

### Areas of Expertise

Languages – NS-2, C, C++, Java.

Database – Oracle, MS Access.

### Work Experience:

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About 13 years of Teaching experience in Computer Science & Engineering.

Worked as Assistant Professor at Federal Institute of Science and Technology, Angamaly from November 2019 to April 2021.

Worked as Assistant Professor at Sree Narayana Gurukulam College of Engineering, Kadayiruppu from November 2008 to September 2019.

Worked as Lecturer in the department of Computer Science & Engineering, Mangalam College of Engineering, Kerala for a period of one year.

## Educational Qualification:

Degree	Year of Passing	College/University	Marks Obtained
Ph.D (Computer Science)	2022	Bharathiar University,Coimbatore	
M. Tech (Computer Science and Information Systems)	2013	FISAT, Mahatma Gandhi University	CGPA 8.62
B.Tech (Computer Science)	2004	Kidangoor Engineering College, Cochin University of Science & Technology	68%
Pre-Degree	1999	Mahatma Gandhi University, Kerala	81%
SSLC	1997	Board Of Public Examinations, Govt of Kerala.	90%

## Ph.D Details:

Successfully completed Part Time Ph.D Programme at Bharathiar University, Coimbatore.

(Open Defense over on April 7,2022)

Subject for Research: Computer Science

Specialization: Data Security

Broad Field of Research: Visual Cryptography

Designed and developed an efficient multi-factor authentication method using Visual Cryptography and enhanced the performance of the multi-factor authentication process. Gender Classification was carried out for better accuracy. Designed a Secure Visual Cryptography scheme for encrypting secret shares.

## Publications:

➤ "Enhancing Home Security through Visual Cryptography" in Microprocessors and Microsystems (**ELSEVEIR**). [ISSN 0141-9331;Volume 80,February 2021,103355, **SCI,SCIE,SCOPUS INDEXED**]

➤ "Secure Visual Cryptography scheme with Meaningful shares" in the Indian Journal of Computer Science and Engineering, Volume 11, No.2, March-April 2020, ISSN 0976-5166 **SCOPUS INDEXED**]

➤ "Exploration of Color Visual Cryptography Schemes" in the International Journal of Science and Research, Volume 4, Issue 17, July 2015, ISSN 2319-7064]

**Project Details:**

(Carried out as part of M.Tech programme)

**Improving Web Image Search By Bag-based Re-ranking**

The objective of the work was to develop an approach to improve relevancy of Web Image search. Given a textual query in text-based image retrieval, relevant images are to be re-ranked using visual features after the initial text-based search.

Relevant images are clustered first using both visual and textual features. A novel GMI learning approach-based classifier was used for the re-ranking. The project was implemented in Matlab.

**Personal Details:**

Name : Jinu Mohan  
Date of birth : September 27, 1981  
Marital status : Married  
Languages known : English, Malayalam.

**Declaration:**

I do hereby declare that the above particulars furnished by me are true to the best of my knowledge.

Place: Vennikulam

Date: 24-07-2022

Jinu Mohan