# Jeshmol P J

Puthussery House,
Neericode P O,
Alangad via, Ernakulam
Email: jeshmoljames@gmail.com
Phone: +91-9544979131 (M)

---

**CAREER OBJECTIVES:**
- To strive for academic excellence and impart quality education with emphasis on Computer Science & Engineering.
- Seeking for a position in an organization where I can use my talent and skills in providing the• students with the best techniques.

**EXECUTIVE SUMMARY:**
- Flexibility –  fits to the environment comfortably
- Vigilant   –  likes to update knowledge to the core
- Leadership qualities – organized many intellectual conventions in college
- Good academic track record in the school and college level.
- Excellence in Communication and Interpersonal skills.

**CAREER SUMMARY:**
- Currently Working as an **Assistant Professor** in the Department of Computer Science in College of Engineering (IHRD Management), Cherthala (August 2018 Onwards).
- Worked as an **Assistant Professor** in the Department of Computer Science and Engineering in Baselios Thomas I Catholicose College of Engineering and Technology, Koothattukulam. (July 2017 – July 2018).
- Worked as a **Technical Support Engineer** in Xntrix IA Systems Pvt. Ltd, Aluva, Ernakulam (Aug 2014 – Aug 2015).
- Worked as a **Graduate Trainee** in the Department of Computer Science in Fertilizers and Chemicals Travancore Ltd. (FACT Ltd.), Udyogamandal, Ernakulam (July 2013- June 2014).
- Worked as a **Teacher** in TCIL-IT, a govt. of india recognised institution in N.Parur, (June 2012 - May 2013).

**EDUCATIONAL QUALIFICATIONS:**

| Educational Qualification | Institute | Board/University | Month and Year of completion | Class Obtained | % of Marks |
|---|---|---|---|---|---|
| M Tech(CSE) | Govt. Model Engineering College, Thrikkakara, Ernakulam, Kerala. | APJ Abdul Kalam Technological University, Trivandrum | June 2017 | First Class with Distinction | 85% (CGPA 8.87) |
| B Tech(CSE) | Matha College of Technology,     N. Parur, Ernakulam, Kerala. | Mahatma Gandhi (MG) University, Kottayam | June 2012 | First Class with Distinction | 77% |
| HSC (Computer Science) | St. Francis HSS, Aluva, Ernakulam, Kerala. | Board of Higher Secondary Examination, Kerala | March 2008 | First Class with Distinction | 85% |
| SSLC | St. Joseph's HSS, Koonammavu, Ernakulam, Kerala. | Board of Secondary Examination, Kerala | March 2006 | First Class with Distinction | 82% |

**ACADEMIC EXPERIENCE AND EXCELLENCE:**

- Currently Working as an **Assistant Professor** in Department of Computer Science in College of Engineering, Cherthala.
  Handled classes on Digital Image Processing, Advanced Data Structures and Algorithms. Also handled laboratory classes on Data Structure  and Seminar and Project Preliminary.

- Worked as an **Assistant Professor** in Department of Computer Science & Engineering in Baselios Thomas I Catholicose College of Engineering and Technology, Koothattukulam. Handled classes on Web Technology (MG University & KTU), Object Oriented Modeling and Design, Data Structures, Object Oriented Design and Programming, Design and analysis of algorithms. Also handled laboratory classes on Network Programming Lab, Computer programming, Data Structure etc.
  **MG University Valuation Duty** in Mar Athanasius College of Engineering, Kothamangalam for the Subject Database Management System.
  **MG University Invigilation Duty** in VISAT, Elanji, Piravom.

**PROFESSIONAL EXPERIENCE:**

- Worked as a Technical Support Engineer in Xntrix IA Systems Pvt Ltd., Aluva. Projects done in Industrial Automation using SCADA Software Migration & PLC Programming along with Visual Basic 6.0 & Sql Server Database of **Malabar Cements Ltd., Walayar, Malabar Cements Ltd., Cherthala and HIC-ABF Pvt. Ltd., Aroor**. Xntrix IA Systems offers conceptual design service to assist in the development of project with onsite support. It reveals through an integrated network of design & integration services, Testing, onsite support and remote support services etc.

  The main responsibilities were requirement gathering and analysis, Development of complex SQL queries/reports for Invoice Processing, Documenting the business process flows, Scheduling  meetings and present technical issues to business users and developers, Solving day-to-day problems and giving support to the end users.

- Worked as a Graduate Trainee in Fertilizers And Chemicals Travancore Ltd. (FACT Ltd.), Udyogamandal. FACT Government of India Enterprise has business interests in manufacturing and marketing of fertilizers, chemicals, caprolactam, engineering consultancy and fabrication of equipments. The ERP Software is SAP. FACT has been using SAP ECC 6.0 and has implemented the FI, CO, MM, PM, SD and QM modules. **Technical Environment:** Oracle Sql Developer, SAP especially in ABAP Programming.

  The Project mainly deals with the stock management between the company and the supplier. About stock updating, new stocks, stock consumptions, stock consumptions, stock balance, stock details etc. in Computer Service Centre of FACT Ltd. It automates

the system records, Maintenance and Balance evaluation. The project helps to record the complaints that are reporting from the different divisions of FACT Ltd.

**PAPERS PUBLISHED IN INTERNATIONAL JOURNALS:**

- Published a research paper titled **"A Survey on Latent Fingerprint Enhancement via Image decomposition techniques"** in International Journal of Innovative Research in Science, Engineering and Technology (**IJIRSET**) Volume 6, Special Issue 6, March 2017.

- Published a research paper titled **"A Review on Enhancement of Latent Fingerprint images by Multi-scale Patch based Sparse Representation and Enhancement of Hazy images by Image Dehazing and Transmission map refinement"** in International Journal of Innovative Research in Computer and Communication Engineering **(IJIRCCE)** Volume 5, Issue 4, April 2017.

- Published the paper in Proceedings of VLES'17-National Conference on VLSI, Signal Processing & Communication organized by Viswajyothi College of Engineering and Technology, Ernakulam, Kerala on topic **"Multi-scale Patch based sparse representation of Latent Fingerprint Enhancement"**, April 2017.

- Published the paper in Proceedings of NPCCC'17-National Conference on Power, Control, Communication and Computing organized by College of Engineering, Adoor, Kerala, on topic "**A Survey on Image Decomposition Techniques in Latent Fingerprint images",** February 2017.

**PAPERS PUBLISHED IN NATIONAL CONFERENCES**

- Presented the paper on the topic "Multi-scale Patch based sparse representation of Latent Fingerprint Enhancement", in VLES'17-National Conference on VLSI, Signal Processing & Communication organized by Viswajyothi College of Engineering and Technology, Ernakulam, Kerala, April 2017.

- Presented the paper on the topic "A Survey on Latent Fingerprint Enhancement via Image Decomposition Techniques" in NFTPCOS'17- National Conference on Future Technologies in Power, Control & Communication Systems organized by College of Engineering, Perumon, Kerala, March 2017.

- Presented the paper on the topic "A Survey on Image Decomposition techniques in Latent Fingerprint images", in NPCCC'17-National Conference on Power, Control, Communication and Computing organized by College of Engineering, Adoor, Kerala, February 2017.

**AWARDS & HONOURS:**

- Got a **"BEST PAPER AWARD"** for the paper on topic "Multi-scale Patch based sparse representation of Latent Fingerprint Enhancement", in VLES'17-National Conference on VLSI, Signal Processing & Communication organized by Viswajyothi College of Engineering and Technology, Ernakulam, Kerala, April 2017.
- School Topper in Secondary and Higher Secondary Examinations.
- Received scholarships and awards for getting good marks in competitive exams.
- Won several prizes in various sports events at school & college level.

**INTERESTS AND ACTIVITIES:**

- Co-ordinator of iPAM Association, conducted a workshop on Open CV in Govt. Model Engineering College, Thrikkakara (2017).
- Training Workshop of iPAM in Govt. Model Engineering College, Thrikkakara (2016).
- Participant of Workshop on Cloud Computing in Matha College of Technology, N. Parur (2011).
- Coordinator of CyberCratz in Matha College of Technology, N. Parur (2010).

**PERSONAL PROFILE:**

|                    |                                        |
|--------------------|----------------------------------------|
| Father's Name      | : James P K                            |
| Date of Birth      | : 15/12/1990                           |
| Gender             | : Female                               |
| Citizenship        | : Indian                               |
| Marital Status     | : Single                               |
| Religion           | : Christian                            |
| Languages Known    | : English, Malayalam, Hindi and Tamil  |

**DECLARATION:**

All the above-mentioned statements are true to the best of my knowledge and belief is correct if required additional proves will be provided.

**07-12-2018**                                                          **Jeshmol P J**