

# JAYA JOHN

Assistant Professor  
College of Engineering Cherthala  
Alappuzha  
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## CAREER OBJECTIVE

Seeking a career to share my knowledge and experience with students and gain more experience into the education and teaching field.

## WORK EXPERIENCE(Total Experience – 3.5 Yrs):

- Assistant Professor  
*College of Engg. Certhala (1<sup>st</sup> August 2018 onwards )*
- Assistant Professor  
Vimal Jyothi Engg. College, Kannur (2012-2014)

## RESEARCH INTEREST:

- Deep Learning
- Image Processing

## ACADEMIC PROJECTS/INTERNSHIP

- **Internship at TCS**  
M.Phil. Project conducted through internship at TCS: Automated System for Diabetic Retinopathy Detection.
- **ME Project**  
Estimating missing values with mixture kernel regression functions for mixed attribute data sets.
- **B.Tech Project**  
Network intrusion detection system.

## ACHIEVEMENTS:

- UGC NET Qualified Candidate.
- Secured **19th University Rank** in **M.E. Computer Science and Engineering** of **Anna University, Coimbatore** in the academic year 2012-2014.
- Attended and presented in variety of technical seminars and workshops.

## EDUCATION

- **MPhil in Computer Science and Engineering** – IITMK, Trivandrum, *May 2018*  
**CGPA: 8**
- **ME - Computer Science and Engineering** - SNS College of Technology (Anna University), Coimbatore, *July 2012*  
**CGPA: 9.22**
- **B.Tech - Information Technology** - Caarmel Engineering College (M G University), Perunad, *June 2009*  
**Aggregate: 63.7%**
- **Plus Two** – Nicholson Syrian Girls Higher Secondary School, Thiruvalla, *March 2005*  
**Aggregate: 72%**
- **SSLC** - Nicholson Syrian Girls Higher Secondary School, Thiruvalla, *March 2005*  
**Aggregate: 69%**

## CERTIFICATION:

Completed training programme: **“Certified Software Developer .NET Track”**

## SKILLS

- Good team player
- Good communication and training skills, having worked in the education field
- Goal oriented- Research helped in developing a hardworking and determined mindset to achieve tough goals in limited time
- Skilled in Windows, Ubuntu, Linux
- Well versed in Python, C, C++, C#, HTML, Java, Android, ASP.Net, SQL Server, XML

## LIST OF PUBLICATIONS

- **“Estimating Missing Values Using Mixture Kernel Regression”**  
Jaya John, Vinodhini B, Karthik S(2012), International Journal of Computer Application in Engineering Sciences(IJCAES), ISSN: 2231-4946, Vol II, Issue II, pp 83-88.
- **“An Analytic Approach Towards Internet Protocol Transmission Methods-Version 4 to Version 6”**  
National Conference on "Advanced Trends in Engineering and Technology" organised by the Dept. of EEE of Vimal Jyothi Engineering College, Chemperi, 09/11/2012.
- **“A non parametric iterative mixture kernel based imputation algorithm for mixed attribute dataset”**  
International Conference on "Emerging Trends in Computer and Communication Technologies" organized by Marian College of Engineering and Technology, Kanyakumari, 16th & 17th February 2012

## FDPS/WORKSHOPS ATTENDED:

- Faculty Development Programme on "Blockchain" - sponsored by AICTE training and Learning(ATAL) Academy at College of Engineering, Cherthala, from October 14-18, 2019.

- Faculty Development Programme in "Teaching-Learning Methodologies in Engineering (An OBE Approach) " - conducted by Teaching Learning Centre - IIT Madras and co-sponsored by Indian Society for Technical Education (ISTE) Kerala Section at Carmel Engineering College Alappuzha, from 11/07/2019- 13/07/ 2019.
- FDP on "JAVA" - combinedly organized by Oracle Academy and ICT Academy of Kerala at College of Engineering Chengannur, from 07/01/2019-11/01/2019.
- Workshop on Emerging Technologies in IT("EMERGTECH") - IIITM-K, Trivandrum
- Workshop on BRAIN, COMPUTATION AND LEARNING organized by Indian Institute of Science, Bangalore, Jan 2018.
- National Workshop Technologies and Tools for Scientific Research - University of Kerala, Kariavattom, Thiruvananthapuram, September 2017.

## PERSONAL DATA

Marital Status : Married  
Date of birth : 14th March 1987  
Gender : Female  
Languages known : English, Malayalam, Tamil

## DECLARATION

I solemnly declare that all the statements made in this resume are true, complete and correct to the best of my knowledge and belief.

Place: Kottayam

Jaya John

Date: