

CURRICULUM VITAE

MARIA JOY
W/O MATHEW JOSEPH K
C-203, DEVKRUPA GREENS
VINZOL, HATHIJAN



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Career Objective:

Searching for favorable career opportunities that would assist me in gaining greater practical excellence in the IT and software industry and where I can put my analytical and technical skills to contribute to the growth of the organization

Professional Experience : 11 years 6 months

Designation	Institution	Period	Years
Assistant Professor, Dept. of Computer Science	KMEA Engineering College, Edathala, Aluva	August 2011- March 2022	10 Years 8 months
Research Assistant in Information Technology	Toc H Institute of Science and Technology	November 2008- September 2009	11 months

Recent Work:

UG Level (B.Tech) – 10.1 years

PG Level (M.Tech) – 2 years

Involved in guiding B.Tech and M.Tech projects for final year students.

Course handled: C Programming, Database Management, Python Programming basics, Principles of Information Security, Cryptography and Network Security, Graph Theory, Design and Analysis of Algorithm, Advanced Data Structure(M Tech), Computer Security (M Tech), Operating System, C++ Programming, Computer Organizations.

Recent Project Guided:

Online voting system using Blockchain technology

Academic Qualifications:

Name of Examination & Year of Completion	Institution	Board/ University	Marks
M.Tech in Computer science, specialization in Data Security, 2011	TocH Institute of Science and Technology, Arakunnam	Cochin University of Science and Technology	CGPA: 8.15
B Tech (Computer Science and Engineering), 2008	TocH Institute of Science and Technology, Arakunnam	Cochin University of Science and Technology	68%
Plus-Two	M. K. M HSS Piravom	Board of Higher Secondary Examinations Kerala	75%

S.S.L.C.	F.M.E.M HSS Piravom	Board of Public Examinations, Kerala.	81.8%
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Roles and Responsibilities :

- NAAC – College level Coordinator Criteria 1
- NBA – Department level Coordinator Criteria 1
- College Website coordinator
- Technical Empowerment Cell Department level Co-ordinator
- College level Monitoring Committee member
- Women's Forum Department member
- Department Association Coordinator
- Coordinator of FDP on Graph Theory and Combinatorics, Department of Computer Science and Engineering, KMEA engineering College, 2017.

Publications:

Own Publications:

- Maria Joy: Batch Verification in Multicast Network. In: Proceedings of National Conference on Information, Communication and Intelligent Systems at KMEA College, 2011.
- Maria Joy: Attacked Packet Detection and Batch Verification in Multicast Network. In: proceedings of International Conference on Information Security at Adi Shankara College, Kalady, 2011.

Student Papers Published

- Chinnu R, Maria Joy & A.Neela madheswari, A new CAPTCHA Authentication Mechanism based on Eight-panel Cartoon CAPTCHA and Clickspell. IRACST - International Journal of Computer Science and Information Technology & Security (IJCSITS), ISSN: 2249-9555 Vol. 3, No.5, October 2013.
- Triple protection for web documents using the combination of Cryptographic and hashing technique. Mathematical science International journal volume 2 issue 2 2013.
- Ayana B C, Maria Joy, "Security Evaluation of Single Sign on mechanism for Distributed Computer Network", UGC Sponsored National Conference on Information and Communication Technologies (NCICT), Mar 2014.
- Aparna C Bhadrar, Maria Joy, "Enhanced Large Universe Cipher text Policy Attribute Based Encryption." Volume 6, Issue 1, January 2016 ISSN: 2277 128X International Journal of Advanced Research in Computer Science and Software Engineering.
- Maria Joy "Trouble SOCCERBOT" International Journal of Computer Science Trends and Technology (IJCSST) V7(2): Mar-Apr 2019. ISSN: 2347-8578. March 2019.
- PINK BUS – An Intelligent Prototype System for Women Safety in Public Transport International Journal \ Multidisciplinary Educational Research ISSN:2277-7881; IMPACT FACTOR :6.514(2020); IC VALUE:5.16; ISI VALUE:2.286 Peer Reviewed:VOLUME:9, ISSUE:5(3), MAY:2020

Participation in Professional Development Activities (Workshops/ Faculty Development Program)

- AICTE Training And Learning (ATAL) Academy Online FDP on " Cryptography and Cyber Security" from 26th to 30th July 2021 at National Institute of Technology Agartala.
- Six-hour Online Workshop on "Blockchain Technologies and Decentralized Environments" organized by Department of CSE, IIT Guwahati held during 22 & 29 July 2021 under the SPARC Project P:271

- Coursera Certificate on "Programming For Everybody (getting Started with Python)", February 2021.
- Six Days FDP on Emerging trends in cryptography and its applications in Cyber Security AICTE from 1st to 6th February 2021 at Vidya Academy of Science and Technology.
- AICTE Training And Learning (ATAL) Academy Online FDP on "Block chain" from 2020-10-19 to 2020-10-23 at Viswajyothi College of Engineering, Vazhakulam.
- 3 Days Online FDP on "Cyber Security", from 9th-11th July 2020, St. Thomas college of Engineering & Technology, Kozhuvallur, Chenganoor.
- 1 Day Online FDP on "Outcome based education software", 4th July 2020.
- Five days International online FDP on "Emerging Trends in Information Technology" organized by Department of Information Technology, Karpagam College of Engineering, Coimbatore from 23rd June to 27th June 2020.
- 2 Days FDP Organized and attended on Graph Theory and Combinatorics on 25th and 26th of July 2017, KMEA Engineering College.
- Two weeks ISTE Workshop on "Cyber Security" conducted by IIT Bombay, July 10th to 20th 2014.
- Two weeks ISTE Workshop on "Computer Programming" conducted by IIT Bombay, from May 20th 2014.
- Two weeks ISTE Workshop on "Database Management Systems" conducted by IIT Bombay, from May 21st 2013.

Personal Information:

Name : Maria Joy
 Date of Birth : 26/11/1986
 Sex : Female
 Marital Status : Married
 Husband's Name : Mathew Joseph K
 Nationality : Indian
 Religion : Christian
 Permanent Address : Keezethumattathil House,
 Kaninadu P.O,
 Puthencruz, Ernakulam, 682310
 E mail : imariajoy@gmail.com

References :

1. Ms. Selin M, Associate Professor (Department of Computer Science and Engineering)
KMEA Engineering College, Aluva.
2. Ms. Sheena Kurian K, Associate Professor (Department of Computer Science and Engineering)
KMEA Engineering College, Aluva.

Declaration :

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

Place: Ernakulam
Date: 18/4/2022

MARIA JOY