

BETTY MARY JACOB



Designation: Head of the Department

Qualification: M.Tech in Computer Science & Engineering

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EDUCATIONAL QUALIFICATION

- M.Tech in Computer Science & Engineering.
- B.Tech in Computer Science & Engineering

WORK EXPERIENCE (RESEARCH /TEACHING)

- Assistant Professor in Mount Zion College of Engineering, Kadammanitta, Pathanamthitta, Kerala (May 2011- present)
- Lecturer in Mount Zion College of Engineering, Kadammanitta, Pathanamthitta, Kerala,(February 2008 – October 2009))

AREA OF INTEREST (RESEARCH /TEACHING)

- Data Structures
- Artificial Intelligence
- System Software
- Compiler Design

JOURNAL PUBLICATION

- Published a paper on Insight for Blind in International Research Journal of Engineering and Technology (IRJET) Volume 7, Issue 12, December 2020
- Published a paper on Deep Learning Performance with Random Forest HTM Cortical Learning and TensorFlow Library in International Journal for Scientific Research & Development (IJSRD) Volume 8, Issue 9, November 2020
- Published a paper on Ambiguity with Building Data Science Profession Team Roles and the need for a frame work in International Journal for Scientific Research & Development (IJSRD) Volume 8, Issue 9, November 2020

- Published a paper on Using Markov Chains complexity Minimization with GFDM for integrated Terrestrial Communication in International Research Journal of Engineering and Technology (IRJET) Volume 7, Issue 9, September 2020
- Published a paper on Enhanced Topology Discovery Protocol for SDN in International Journal for Science & Research (IJSR) Volume 8, Issue 12, December 2019
- Published a paper on Data Transmission in Cluster based Delay Tolerant Mobile Networks using UTDG and RER Protocol in International Journal for Scientific Research & Development (IJSRD) Volume 7, Issue 10, December 2019
- Published a paper on Prediction Based Routing With Epidemic Protocol For Clustering In Delay Tolerant Mobile Networks in IJPT Volume 9, Issue 1, April 2017

WORKSHOPS / TRAINING ATTENDED

- Attended the TEQIP-II sponsored 6-day online FDP on “Applications of Artificial Intelligence and IoT in Engineering” from February 1 to 6, 2021 organized by College of Engineering Perumon, Kollam, Kerala
- Participated & completed five days AICTE Training and Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)" from January 11 to 15, 2021 at Amal Jyothi College of Engineering.
- Participated & completed five days AICTE Training and Learning (ATAL) Academy Online FDP on "Cyber Security" from 28-12-2020 to 1-1-2021 at Thangal Kunju Musaliar College of Engineering.
- Attended the AICTE sponsored 6-day online STTP on “Guidance and Counseling” from December 7 to 12, 2020 organized by St. Joseph’s College of Engineering and Technology, Palai, Kerala
- Attended the AICTE sponsored one week online STTP on “Empowering the Moral Values, Ethics and Behavioral Attitude in Teaching Skills among Teachers” from December 1 to 7, 2020 organized by Dr.N.G.P Institute of Technology, Coimbatore.
- Participated & completed five days online workshop on Universal Human Value on the theme “Inculcating Universal Human Values in Technical Education” during 2-6 November, 2020 as organized by All India Council for Technical Education (AICTE).
- Attended the AICTE sponsored 6-day online STTP on “Implementation of Outcome Based Education to Enhance the Quality of HEIs” from July 15 to 21, 2020 at Sri Ramakrishna College of Arts & Science.