

CURRICULUM VITAE

MOHAMMAD KHAMRUDDIN

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CAREER OBJECTIVE

To be a part of skilled faculty in a progressive organization that gives me scope to apply my creative thoughts, skills, and work dynamically towards organizational and personal growth.

ACADEMIC RECORD

S.No	Degree	COLLEGE	YEAR	PERCENTAGE
1	Ph.D. (Computer Science)	University of Sains Malaysia, Malaysia	<i>Pursuing</i>	<i>Pursuing</i>
2	M TECH (COMPUTER SCIENCE & ENGINEERING)	Jawaharlal Nehru Technological University Hyderabad.	2008	<i>First Class with Distinction (75%).</i>
3	B TECH (COMPUTER SCIENCE & ENGINEERING)	Jawaharlal Nehru Technological University Hyderabad.	2003	<i>First Class with Distinction (70%).</i>

TEACHING EXPERIENCE

S.No	COLLEGE	POSITION	DEPARTMENT	PERIOD
1	College of Engineering & Computer Science, Jazan University, KSA	LECTURER	COMPUTER SCIENCE	30-SEP-2013
2	VVIT, Guntur, India	Assistant Professor	Computer Science and Engineering	2011-2013
3	Vignan University, Guntur, India	Assistant Professor	Computer Science and Engineering	2010-2011
4	Nimra College of Engg and Technology. Vijayawada, INDIA	Assistant Professor	Computer Science and Engineering	2008-2010
5	Nimra College of Engg and Technology. Vijayawada, INDIA	Assistant Professor	Computer Science and Engineering	2003-2006

SUBJECTS TAUGHT

- I CAN TEACH ANY COURSE IN THE COMPUTER SCIENCE /COMPUTER ENGINEERING STREAM WITH THE WILL OF ALMIGHTY, I AM EXPERTISE IN THE FOLLOWING COURSES SINCE I HAVE A GOOD AMOUNT OF EXPERIENCE IN THESE COURSES,
 - COMPUTER NETWORKS
 - MOBILE COMPUTING
 - DATA MINING & DATA WAREHOUSING
 - COMPUTER ORGANIZATION
 - INFORMATION SECURITY
 - OPERATING SYSTEMS
 - ADVANCED DATA STRUCTURES
 - OBJECT ORIENTED PROGRAMMING (C++, JAVA)
 - C PROGRAMMING
 - DATA STRUCTURES AND ALGORITHMS
 - ADVANCE OPERATING SYSTEM
 - ARTIFICIAL INTELLIGENCE
 - UNIX AND SHELL PROGRAMMING
 - ADVANCED COMPUTER ARCHITECTURE

WORKSHOPS AND TRAINING PROGRAMS

- Four days “**FACULTY ENABLEMENT PROGRAM**” (Infosys Campus Connect program) held at Pragati Engineering College, Kakinada.
- Two-week staff development program sponsored by AICTE On “**WIRELESS NETWORKS**” at Vignan University.

- Two-week staff development program sponsored by AICTE On “**EMERGING TRENDS IN DATA MINING**” at GRIET Hyderabad.
- Two-week staff development program sponsored by AICTE on “**WEB SECURITY**” at RVR&JC Guntur.
- One week “**ORACLE FACULTY ENABLEMENT PROGRAM**” (Oracle Database 10g: Administration workshop) at Noble Institute of Science & Technology, Vizag.
- One week “**IT WORKSHOP**” at ASC JNTU Hyderabad.

QUALITY AND ASSURANCE UNIT

- I was a member of **ABET** for the Information System department, I was responsible for the facilities chapter and preparing students assessment w.r.t course learning outcomes.
- I have prepared a Microsoft Excel solver for student assessments.
- I have reviewed thoroughly the **CLOSO** software which can be used for automating student assessment and the ABET accreditation process.

Computer Labs and Administration Unit(CLA)

- Currently I am a member and Assistant Coordinator for the **CLA** unit at the college level, we as a CLA team are responsible for all the hardware and software-related maintenance in Computer Labs and Faculty offices.
- I am the administrator for **NEC servers** installed at the main campus, and responsible for installation and updating of labs as per the requirement of LABs schedule.

RESEARCH AND PUBLICATIONS

- **Balancing data privacy and sharing in IIoT: Introducing the GFL-LFF aggregation algorithm.** *Computer Networks Journal, Elsevier, June 2024.*
- **The COVID-19: Saudi Government's Comprehensive Guide to Safety Measures Analysis with Big Data.** *JOURNAL OF PHARMACEUTICAL NEGATIVE RESULTS, An official publication of Association of Indian pharmacist-AIP, Published by ResearchTrentz.*
- **Healthcare IoT Framework for Disease Prediction and Health Monitoring in Mobile Environment,** 2021 4th International Conference on Recent Trends in Computer Science and Technology (ICRTCST).
- **Blockchain for IoT based Educational Certificates Generation and Verification,** 2021 2nd International Conference on Computing and Information Technology (ICCIT).
- **IoT Devices for Detecting and Machine Learning for Predicting COVID-19 Outbreak,** *Recent Trends in Communication & Intelligent Systems- ICRTCIS-2021.*
- **A Rule Based DDoS Detection and Mitigation Technique** 3rd Nirma University International Conference on Engineering (NUICONE-2012 IEEE).

M TECH PROJECT WORK

MULTIDIMENSIONAL HETEROGENEOUS CLUSTERING WITH DBSCAN ALGORITHM

B TECH PROJECT WORK

IMPLEMENTATION OF INTERACTIVE VOICE RESPONSE SYSTEM

STUDENT PROJECTS GUIDED

UNDERGRADUATE LEVEL PROJECTS:

1. ONLINE FEEDBACK SYSTEM
2. TIME TABLE GENERATOR

POSTGRADUATE LEVEL PROJECTS:

1. IDENTIFICATION OF DDOS ATTACKS USING CLUSTERING TECHNIQUE

2. MINING WEIGHTED ASSOCIATION RULES WITHOUT PREASSIGNED WEIGHTS

PERSONAL DATA

NAME: MOHAMMAD KHAMRUDDIN
FATHER NAME: MOHAMMAD SHAMSHUDDIN
DATE OF BIRTH: 1980
SEX: MALE
NATIONALITY: INDIAN
MARITAL STATUS: MARRIED
LINGUISTIC SKILLS: ENGLISH (Professional Working Proficiency).

DECLARATION

I HEREBY DECLARE THAT THE INFORMATION FURNISHED ABOVE IS TRUE TO THE BEST OF MY KNOWLEDGE
MOHAMMAD KHAMRUDDIN
PLACE: **SAUDI ARABIA**