



MOHAMMAD ALI JINNAH UNIVERSITY

Live, Learn and Be Inspired

MS COMPUTER SCIENCE

DO YOU WANT TO ACQUIRE KNOWLEDGE, PROBLEM-SOLVING SKILLS, AND HABITS OF LOGICAL THINKING THAT WILL SERVE AS A COMPETITIVE ADVANTAGE TO YOU IN



WHY MS Computer Science?

- Fastest Growing Tech Market
- Top Salaries
- Computing is now Everywhere
- Diversified Scope
- I wish to be a Problem-solving Computing Guru

WHY MAJU?

- 80% of all PhD faculty at Mohammad Ali Jinnah University is foreign qualified
- Active Collaboration with top-ranked universities & institutes
- State-of-art Research Labs
- Scholarships available
- Accredited by major Professional Bodies (like PEC, NCEAC, NBEAC, etc.)

CAREER PROSPECTS

Rapid growth in technology-based jobs in all industries has created a need for technologically skilled professionals.

- Senior Database Administrator
- Game Developer
- Computer Network Architect
- Information Systems Manager
- Senior IT Consultant
- Multimedia Programmer
- Senior Systems Analyst
- Senior Systems Developer

- Senior Web Developer
- Information Security Analyst
- Business Systems Analyst
- E-Commerce Analyst
- Mobile Application Developer
- Quality Assurance Associate
- Information Technology Auditor
- Research Associate

OUR POTENTIAL EMPLOYERS



OUR FACULTY



NAME: Dr. Raazi M. K. Syed

QUALIFICATION: Ph.D. in Computer Engineering (Kyung Hee University, South Korea)

RESEARCH AREA: IOT, Information and Network Security, Data Structures

ABOUT: Dr. Raazi Syed is an experienced faculty member with a demonstrated history of teaching core IT subjects with a practical approach. His skills include Core Computer Science, Security, IoT, Java, LaTeX, .NET Framework, and C#. He has a PhD in Computer Engineering from Kyung Hee University. His research interests include Information Security, Internet of Things, and Next Generation Computer Networks.



NAME: Dr. Abdul Qadar Kara

QUALIFICATION: Ph.D. (Information Technology), 2012, George Mason University, USA

RESEARCH AREA: Operations Research, Artificial Intelligence, Constraint Programming, Machine Learning, Data Science

ABOUT: Dr. Kara is currently working as an Associate Professor at the Department of Computer Science, Mohammad Ali Jinnah University (MAJU), Karachi. He is an alumnus of MAJU, completing his bachelor's from here. Since finishing his Ph.D., in 2012, he was working as an Assistant Professor, at the Systems Engineering Department, King Fahd University of Petroleum and Minerals (KFUPM), Saudi Arabia until 2021.

His research interest includes solving problems generated from diverse practical applications such as scheduling, scarce resource management, transportation, routing, etc. using techniques from Operations Research (OR), Artificial Intelligence (AI), and/or Constraint Programming (CP) and recently Machine Learning (ML) and Data Science paradigms.

CURRICULUM/PLAN OF STUDY

SEMESTER-I

Advanced Topics in Theoretical Computer Science
Applied Programming
Elective 1

SEMESTER-II

Advanced Research Methods
Advanced Analysis of Algorithms
Elective-II

SEMESTER-III

Elective-III / Research Thesis-I
Elective-IV

SEMESTER-IV

Research Thesis-II / Research Project
Elective-V

ELIGIBILITY CRITERIA

16 YEARS RELEVANT QUALIFICATION WITH
MINIMUM 2.00 CGPA (ON A SCALE OF 4.00) OR 50%
MARKS IN CASE OF ANNUAL SYSTEM VERIFIED BY HEC.

SCHOLARSHIPS AND FINANCIAL AID

MERIT-BASED, NEED-BASED, SIBLING
ALUMNI AND DONOR-BASED

Contact Us!

📍 22-E, Block-6, PECHS, MAJU Bus Stop, Shahrah-e-Faisal, Karachi



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