

Iqra Yasmin

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Gender: Female

ABOUT ME MSCS (Software Engineering) , MIT , BSC (Computer Science)

I am a dedicated university lecturer committed to creating an engaging and supportive learning environment while helping students achieve academic excellence. Alongside my teaching responsibilities, I actively handle key administrative tasks, particularly in the coordination and smooth conduct of examinations, ensuring accuracy, fairness, and efficiency in all processes. With strong organizational skills, professionalism, and a passion for academic growth, I work collaboratively with colleagues and students to uphold high institutional standards and contribute positively to the overall functioning of the university.

SKILLS

- Software Engineering and Agile Development
- Requirement Engineering & Software Testing
- Data Structure & Algorithms
- Academic Research & Technical Writing
- Student Mentoring & Supervision
- Academic Administration & Exam Coordinator

PROFESSIONAL EXPERIENCE

[15/09/2023– Current]

Lecturer | BIMS (PMAS Arid Agriculture University Rawalpindi)

- Deliver lectures, tutorials, and seminars with a focus on engaging teaching methods and student-centered learning.
- Develop, plan, and update course materials, lesson plans, and assessments aligned with academic standards.
- Guide, mentor, and support students in academic development, research work, and project submissions.
- Collaborate with faculty members and administrative staff to ensure smooth academic and administrative operations.

[15/02/2024 – present]

Lecturer | UIIT (PMAS Arid Agriculture University Rwp)

- Deliver lectures, tutorials, and seminars with a focus on engaging teaching methods and student-centered learning.
- Develop, plan, and update course materials, lesson plans, and assessments aligned with academic standards.
- Guide, mentor, and support students in academic development, research work, and project submissions.

[09/2018 – present]

Departmental &Exam Coordinator | BIMS (PMAS Arid Agriculture)

- Oversee and coordinate day-to-day departmental activities to ensure smooth academic and administrative functioning.
- Plan, organize, and manage all examination processes, including timetable preparation, question paper coordination, invigilation schedules, and result compilation.

- Ensure strict adherence to examination policies, academic regulations, and quality standards.
- Facilitate communication between faculty, students, and administrative units to address academic and exam-related concerns efficiently.
- Maintain accurate academic records, documentation, and departmental reports.
- Assist in curriculum planning, workload distribution, and overall departmental administration.

[07/2017 – 2018]

Developing | Circular Byte Solution)

- Develop responsive and user friendly web interfaces using HTML , CSS and JS.
- Design modern and visually appealing web designs.
- Performed quality assurance (QA) testing , bug identification and report writing.
- Participated in requirement analysis, sprint planning and SDLC processes.

[2023 – Present]

Freelance web developer & Technical Research Writer

- Developed and updated websites for clients.
- Wrote technical reports and research-based content
- Conducted online research on technical topics .
- Communicated with clients and met project deadlines.

EDUCATION & TRAINING

[2023]

MSCS (Software Engineering)

PMAS Arid Agriculture University Rawalpindi

Field(s) of study: Software Engineering

- Advance Software Engineering
- Advance Operating System
- Advance Analysis of Algorithm
- Formal Software Specification and Development
- Theory of computation
- Software Requirement Engineering
- Software Analysis and Design Patterns

[2017]

MIT

PMAS Arid Agriculture University Rawalpindi

Field(s) of study: Information Technology

- Software Engineering
- Database
- Programming fundamental
- Object Oriented Programming
- Data Structure and Algorithm
- Networking

[2015] **BSC (Computer Science)**
 Makkah System of Education
 Field(s) of study: Computer Science
 • Introduction to Computer Science
 • C#
 • English
 • Economics & Psychology (Supporting Subject)

[2013] **F.sc**
 Makkah System of Education

[2011] **Matric**
 VIP Secondary School

CERTIFICATION AND TRAINING

[2016] 1 week training of entrepreneurship at Youth Development Center Murree (YDC)

[2017] PEEF scholarship Certificate

[2023] Attended 1 Days Workshop on hands in practice on SPSS

[2023] Seminar on artificial intelligence

RESEARCH PUBLICATION

- **TITLE**

Enabling Requirement Prioritization Techniques to Improve Agile Quality of Agile Practices.

- **JOURNAL**

Technical Journal, UET taxila

<https://tj.uettaxila.edu.pk/index.php/technica-journal/article/view/1809>.

- **TITLE**

An Industry academia perspective on acceptance testing practices and challenges. **(Submitted)**

- **JOURNAL**

International Journal of Software Engineering (IJSE)

FINAL YEAR PROJECT (FYP) SUPERVISION

Project Title	Technology	Description
Electronic Voting System	Software Development	Guided students through system design, implementation, testing, and documentation.
Automated Number Plate Recognition	Computer Vision / AI	Oversaw development of a system for automatic license plate detection and recognition.
AI-based Mental Health Monitoring	Artificial Intelligence	Mentored students in developing AI models for mental health assessment and monitoring.
Fake Review Detection	AI / Data Analytics	Supervised creation of algorithms to detect fraudulent or fake online reviews.
Brain Tumor Detection and Localization	AI / Medical Imaging	Supervised students in developing AI-based solutions for detecting and localizing brain tumors in imaging data.

