DURATION 3 YEARS   **MNQF LEVEL** 9

MI COLLEGE

MASTER OF SOFTWARE ENGINEERING

SEMESTER 1

- Leadership Qualities for IT Industry - *Mandatory*
- Tools and Techniques for ITPM - *Mandatory*
- Python Programming - *Mandatory*
- Data Warehousing and Data Mining - *Mandatory*

SEMESTER 2

- Digital Marketing
- Information Security
- Software Testing and Quality Assurance
- Project - Python Application Development

OR

- Information Systems Research Methodology
- Tools & Techniques for Research
- Industry Research Project

MQA APPROVED INTERNATIONALLY RECOGNIZED

Enroll Now

CAMPUS MALE' CITY

Viber 740 6003 | 334 1536 / 334 1545
SCHOLARSHIP OPPORTUNITIES

MASTER OF SOFTWARE ENGINEERING

MQA APPROVED INTERNATIONALLY RECOGNIZED

MVR **5,000.**00 PER MONTH

GOALS AND OBJECTIVES OF THE PROGRAMME

Graduates will be professionally competent in the following areas:

• Students will be able to demonstrate agility in solving software and system challenges with a comprehensive set of skills appropriate to the needs of the dynamic global computing-based society.

• Train students to be capable of diverse team and organizational leadership in computing project settings.

• Make student capable of to be employed in industry, government, or entrepreneurial endeavors to demonstrate professional advancement through significant technical achievements and expanded leadership responsibility.

• Use and apply current technical concepts and practices in the core Software engineering and IT such as Leadership Qualities and OB for IT Industry, Tools and Techniques for ITPM, Python Programming and Data Warehousing and Data Mining.

• Provide deep knowledge in Digital Marketing, Information Security, Software Testing and Quality Assurance and Project - Python Application Development.

OR

• Information Systems Research Methodology and Tools & Techniques for Research.

• Demonstrate a deep understanding of the IT methodologies and frameworks used to solve complex computing problems related to at least one Projects.

• Take on leadership positions and/or embark on IT/Programming career in the field.

• Collaborate in diverse team environments to make positive contributions in the Computer Science field.

• Identify and analyze user needs and consider them in the selection, creation, evaluation and administration of computer data systems.

• Must train students to handle IT projects effectively.

OUTCOMES OF THE PROGRAMME

The course is so designed as to develop:

• Be successful professionals in the field with solid fundamental knowledge of software engineering.

• Deliver quality software products by possessing the leadership skills as an individual or contributing to the team development and demonstrating effective and modern working strategies by applying both communication and negotiation management skill.

• Apply new software models, testing techniques and technologies to bring out innovative and novelistic solutions for the growth of the society in all aspects and evolving into their continuous professional development.

• To train students to effective programming in Python.

• Students will be able to demonstrate a broad knowledge of Information Technology, which includes Leadership Qualities for IT Industry, Tools and Techniques for ITPM and Data Warehousing and Data Mining.

• Students will gain a substantial knowledge of one of the following Computer Science Specialties: Digital Marketing, Information Security, Software Testing and Quality Assurance and Project - Python Application Development. .

OR

• Information Systems Research Methodology, Tools & Techniques for Research. Students will become successful professionals able to gain Employment and/or to be accepted into an Information Technology Ph.D. program.

• To develop an educated and well-behaved citizen throughout the course period.