

Master of Computer Applications

Project Guideline

- **Objective:**
 - The Major Project in the MCA program is designed to provide students with a comprehensive learning experience that integrates theoretical knowledge with practical skills, preparing them for industry challenges.
- **Registration Requirement:**
 - Students intending to pursue the Major Project must complete the registration process in the Amrita University Management System (AUMS), in accordance with academic guidelines.
- **Coursera Course Requirement:**
 - As part of the Major Project, students must enroll in the recommended Coursera course. To be eligible for grading, they are required to complete all assessments and evaluations mandated for course completion in the Coursera platform and earn the professional certificate.
- **Deliverable:**
 - Coursera Professional Certificate

Evaluation Policy

Continuous Evaluation– 30%			
Periodic Evaluation			30%
3 Evaluations, Based on Coursera Usage Report			
Progress Milestone	Progress Percentage Range	Marks Calculation	
5 th week	0% - 25%	= (Progress Percentage / 25) * 10	
11 th week	0% - 50%	= (Progress Percentage / 50) * 10	
15 th week	0% - 75%	= (Progress Percentage / 75) * 10	
End Semester Evaluation - 70%			
MCQ Test conducted during the end of the semester - based on the Coursera Course			30%

Grades from Coursera	40%
Average Grade for all courses in a specialization (scaled to 40%)	

Course Details

Courses are allocated based on the student's specialization to ensure alignment with their academic and career interests. The sample list of courses for each specialization will be shared with the students during the beginning of the semester. Students can choose one course from the list shared.

Stream	Coursera Course	Course Provider	Course Details	Total Duration	Link
MCA Regular	IBM Full Stack Software Developer Professional Certificate	IBM	15 Course Series	176 Hours	https://www.coursera.org/professional-certificates/ibm-full-stack-cloud-developer
	Meta Back-End Developer Professional Certificate	Meta	9 Course Series	232Hours	https://www.coursera.org/professional-certificates/meta-back-end-developer
	Three specializations: <ul style="list-style-type: none"> ● Cybersecurity Fundamentals Specialization ● Certified Ethical 	IBM, Learnkart s , EC Council	4 Course Series, 4 Course Series , 3 Course Series	159 hrs (43 hrs 28 hours + 88 hours)	https://www.coursera.org/programs/faculty-development-program-v188o/specializations/cybersecurity-fundamentals#courses &

	Hacking (v12) Specialization ● Cybersecurity Attack and Defense Fundamentals Specialization				https://www.coursera.org/specializations/certified-ethical-hacking-v12-cehv12-exam-prep-course & https://www.coursera.org/specializations/cybersecurity-attack-and-defense
MCA AI	IBM AI Engineering Professional Certificate	IBM	13 Course Series	156 Hours	https://www.coursera.org/professional-certificates/ai-engineer
	Microsoft AI & ML Engineering Professional Certificate	Microsoft	5 Course series	178 Hours	https://www.coursera.org/professional-certificates/microsoft-ai-and-ml-engineering

Timeline

Tasks	Timeline
Course enrolment	Week 1
Progress Milestone 1	Last day of week 5
Progress Milestone 2	Last day of week 11
Progress Milestone 3	Last day of week 15
Certificate Submission Due	Will be announced from the Department

MCQ Test for End Semester Evaluation	As per Examination Schedule released from the department- after 17 th week
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