

Programme Outline for Master of Science in Embedded and Mobile Systems

A list of courses for the degree of Master of Science in Embedded and Mobile Systems (EMoS) is provided below in terms of course ante, name and credits

AREA OF SPECIALISATION:

- (i) Embedded Systems (ES)
- (ii) Mobile Systems (MS)

SEMESTER I – YEAR I

Course Category	Course Name
Common Core	- Foundations of Law, Philosophy, and Ethics - Technological Innovation and Entrepreneurship Management
Programme Core	- Soft Skills - Research Methods and Communication - Electronic Business
Specialty	
Embedded Systems	- Sensors and Actuators - Embedded Networking
Mobile Systems	- Applied Information Systems - Mobile Commerce

SEMESTER II – YEAR 1

Course Category	Course Name
Programme Core	Internet of Things and Embedded Systems
Specialty	
Embedded Systems	- Embedded Systems Engineering - Advanced Applied Electronics
Mobile Systems	Mobile Telecommunication Technology
Elective	- Machine Learning - Testing of Embedded Systems
Course Category	Course Name
PROGRAMME CORE	- Group Project - Outreach and Internship
SPECIALTY	
Mobile Systems	Mobile Application Development
Elective	- RFID Systems - System Development Methodology - Embedded Systems in Traffic Applications - Safety Critical Systems

SEMESTER III YEAR 2

Course Category	Course Name
Seminars	Graduate Seminar
Project	Project

- Students complete at least four (4) weeks field attachment.
- Students must take at least two (2) elective courses.