CURRICULUM LEADING TO THE DEGREE OF
MASTER OF ENGINEERING IN COMPUTER ENGINEERING
EFFECTIVE SECOND SEMESTER OF SY 2020 – 2021

Catalog	No.	Descriptive Title	Hours/Week Lec	Lab	Credit
CORE COURSES (9 UNITS)					
MERC	111	Engineering Analysis	3	0	3
MERC	112	Research Techniques with Statistical Methods	3	0	3
MERC	113	Advanced Optimization Theory and Methods	3	0	3
SPECIALIZATION COURSES (9 UNITS)					
MEMC	121	Advanced Computer Systems Architecture	3	0	3
MEMC	122	Advanced Embedded Systems	3	0	3
MEMC	124	Software Systems Design	3	0	3
ELECTIVE COURSES (6 UNITS)					
MEEC	131	High-Speed Networks	3	0	3
MEEC	114	Network Security Systems Design	3	0	3
MEEC	115	Artificial Intelligence	3	0	3
MEEC	134	Advanced Software Engineering	3	0	3
MEEC	116	Advanced Project Management	3	0	3
MEEC	136	Mechatronic and Robotic Systems	3	0	3
PSMDSBE	102	Special Topics in Data Science	3	0	3
MEEC	111	Management of Technology	3	0	3
PSMDSSC	103	Applied Machine Learning	3	0	3
MEMC	123	Advance Microprocessor Design			
MEEC	112	Special Topics	3	0	3
CAPSTONE COURSES (6 UNITS)					
MPCP	101	Capstone Project 1	3	0	3
MPCP	102	Capstone Project 2	3	0	3

TOTAL = 30 UNITS