



# Programme Structure

## Master of Engineering in Telecommunications (Part-Time)

SUBJECT	TRI1	TRI2	TRI3	TOTAL
<b>Core</b>				
ATE7113 Modern Digital Communications	3			3
ATE7123 Communications and Networking Technologies	3			3
ATE7133 Mobile Wireless Communications	3			3
ATE7143 Cellular Network Planning and Optimization		3		3
ATE7153 Artificial Intelligence		3		3
<b>Electives</b>				
Elective 1		3		3
Elective 2		3		3
Elective 3			3	3
<b>Compulsory Modules</b>				
Research Methodology	3			3
Project Management	3			3
<b>Project</b>				
Project Part 1		5		5
Project Part 2			5	5
<b>TOTAL</b>	<b>15</b>	<b>17</b>	<b>8</b>	<b>40</b>



# Programme Structure

## Master of Engineering in Telecommunications (Part-Time)

SUBJECT	TRI1	TRI2	TRI3	TRI4	TRI5	TRI6	TOTAL
<b>Core</b>							
Modern Digital Communications	3						3
Communications and Networking Technologies	3						3
Mobile Wireless Communications				3			3
Artificial Intelligence		3					3
Cellular Network Planning and Optimization		3					3
<b>Electives</b>							
Elective 1			3				3
Elective 2					3		3
Elective 3						3	3
<b>Compulsory Modules</b>							
Research Methodology	3						3
Project Management				3			3
<b>Project</b>							
Project Part 1				5			5
Project Part 2					5		5
<b>TOTAL</b>	<b>9</b>	<b>6</b>	<b>3</b>	<b>11</b>	<b>8</b>	<b>3</b>	<b>40</b>



# Programme Structure

## Master of Engineering in Telecommunications (List of Subjects)

Technical Core Subjects	Technical Elective Subjects (Choose 3):	Compulsory subjects	Project with Report
<ul style="list-style-type: none"><li>• Modern Digital Communications</li><li>• Communications and Networking Technologies</li><li>• Mobile Wireless Communications</li><li>• Artificial Intelligence</li><li>• Cellular Network Planning and Optimization</li></ul>	<ul style="list-style-type: none"><li>• Computer and Network Security</li><li>• Optical Communication Systems</li><li>• Signal Processing for Telecommunications</li><li>• Satellite Communication Systems</li><li>• Embedded Systems and IoT Technologies</li><li>• Active Microwave Circuit</li><li>• Passive Microwave Circuit</li></ul>	<ul style="list-style-type: none"><li>• Research Methodology</li><li>• Project Management</li></ul>	<ul style="list-style-type: none"><li>• Project Parts 1 and 2</li></ul>

### Number of Subjects:

5 core subjects, 3 Elective subjects, 1 Research Methodology subject, 1 Project Management subject and 1 Project (with thesis report)