

## Module Distribution Plan – Intake 35

### Level 1

#### Semester 1

CODE	MODULE	CATEGORY	CREDITS	
			GPA	NGPA
CE 1102	Fundamentals of Civil Engineering	C	2	-
MA 1103	Basic Engineering Mathematics	C	3	-
CS 1012	Programming fundamentals	C	2	-
ME 1103	Workshop Technology	C	3	-
ME 1112	Engineering Drawing	C	2	-
EE 1102	Fundamentals of Electrical Engineering	C	2	-
ET 1102	Fundamentals of Electronic Engineering	C	2	-
DL 1131	English : Basic Study Skill (Engineering)	C	-	1
<b>TOTAL CREDITS</b>			16	1

#### Intermediate Semester – Level 1

CODE	MODULE	CATEGORY	CREDITS	
			GPA	NGPA
EN1011	Sinhala/ Tamil Basic for Beginners	C		1
EN1012	Mathematical Software	C	2	

#### Semester 2

CODE	MODULE	CATEGORY	CREDITS	
			GPA	NGPA
CE 1203	Building Construction and Material	C	3	-
CE 1213	Soil Mechanics & Geology	C	3	-
CE 1222	Structural Mechanics I	C	2	-
CE 1232	Fluid Mechanics I	C	2	-
ME 1202	Fundamentals of Thermodynamics	C	2	-
MA 1203	Calculus	C	3	-
ME 1222	Applied Mechanics	C	2	-
DL 2141	English Advanced Study Skills (Engineering)	C	-	1
<b>TOTAL CREDITS</b>			17	1

## Level 2

### Semester 3

CODE	MODULE	CATEGORY	CREDITS	
			GPA	NGPA
CE 2102	Structural Mechanics II	C	2	-
CE 2112	Fundamentals of Transportation Engineering	C	2	-
CE 2123	Surveying I	C	3	-
CE 2133	Engineering Hydrology	C	3	-
CE 2142	Structural Analysis I	C	2	-
CE 2152	Concrete Technology	C	2	-
MA 2103	Multivariate calculus and Integral transforms	C	3	-
ME 2102	Computer Aided Drafting	C	2	-
DL 3151	English: Writing & Speaking Skills	C	-	1
<b>TOTAL CREDITS</b>			19	1

### Semester 4

CODE	MODULE	CATEGORY	CREDITS	
			GPA	NGPA
CE 2203	Hydraulic Engineering	C	3	-
CE 2213	Environmental Engineering I	C	3	-
CE 2222	Structural Analysis II	C	2	-
CE 2232	Surveying II	C	2	-
CE 2242	Design of Timber & Masonry Structures	C	2	-
CE 2253	Highway Engineering	C	3	-
MA2203	Numerical Methods & complex variables	C	3	-
DL 4161	English: Research Writing Skills	C	-	1
<b>TOTAL CREDITS</b>			18	1

### Intermediate Semester – Level 2

CODE	MODULE	CATEGORY	CREDITS	
			GPA	NGPA
EN 2XX2	Humanities Elective I	C		2
EN 2XX2	Humanities Elective II	C		2
CE 2261	Industrial visits & report writing	C		1
CE 2272	Survey camp	C		2

### Level 3

#### Semester 5

CODE	MODULE	CATEGORY	CREDITS	
			GPA	NGPA
CE 3102	Fluid Mechanics II	C	2	-
CE 3113	Environmental Engineering II	C	3	-
CE 3123	Design of Concrete Structures I	C	3	-
CE 3132	Professional Ethics	C	2	-
CE 3143	Construction Planning & Cost Estimating	C	3	-
MF 3122	Principles of Management	C	2	-
MA 3102	Applied Statistics	C	2	-
CE 35X2	Technical Elective I	E	2	-
<b>TOTAL CREDITS</b>			19	

#### Semester 6

CODE	MODULE	CATEGORY	CREDITS	
			GPA	NGPA
CE 3203	Geotechnical Engineering	C	3	-
CE 3212	Construction Management	C	2	-
CE 3222	Research Methodology	C	2	-
CE 3233	Design of Steel Structures	C	2	-
CE 3243	Design of Concrete Structures II	C	2	-
CE 3253	Construction Technology	C	3	-
CE 3261	Individual Research Project	C	1	
MF 3112	Business Economics & Financial Accounting	C	2	-
<b>TOTAL CREDITS</b>			17	-

#### Industrial Training

CODE	MODULE	CATEGORY	CREDITS	
			GPA	NGPA
CE 3276	Industrial Training			6

## Level 4

### Semester 7

CODE	MODULE	CATEGORY	CREDITS	
			GPA	NGPA
CE 4102	Hydraulic Design	C	2	-
CE 4115	Individual Research Project	C	2	-
CE 4124	Comprehensive Design Project	C	1	-
CE 4133	Geotechnical Design	C	3	-
CE 4142	Building Services Engineering	C	3	-
MF4112	Human Resource Management & Industrial Relations	C	2	-
CE41X2	Technical Elective II	E	2	-
<b>TOTAL CREDITS</b>			15	-

### Semester 8

CODE	MODULE	CATEGORY	CREDITS	
			GPA	NGPA
CE 4115	Individual Research Project	C	3	-
CE 4124	Comprehensive Design Project	C	3	-
CE 4232	Engineering Economics	C	2	-
LW5512	Commercial & Industrial Law	C	2	-
CE42X2	Technical Elective III	E	2	-
<b>TOTAL CREDITS</b>			12	-

### **TOTAL CREDITS FOR THE PROGRAMME**

<b>GPA</b>	<b>135</b>
<b>NGPA</b>	<b>18</b>

**Technical and Humanities Elective subjects**

<b>Subject Code</b>	<b>Subject</b>	<b>GPA Credits</b>		<b>Type</b>
CE 3152	Highway Maintenance Management	2	Semester 5	Technical Electives
CE 3162	Coastal Engineering	2		
CE 3172	Irrigation Engineering	2		
CE 3182	Concrete Technology	2		
CE 4152	Remote Sensing, GIS and Mapping	2	Semester 7	
CE 4162	Applied Finite Element Methods in Structural Analysis	2		
CE 4172	Traffic Engineering	2		
CE 4232	Bridge Engineering	2	Semester 8	
CE 4242	Airport Design	2		
EN2012	Art and Tradition	2	Intermediate Semester 1	
EN2022	Photography	2	Intermediate Semester 2	
EN2032	Human Rights	2		
EN2042	History and Development of Engineering	2		
EN2052	Psychology for Engineers	2		