

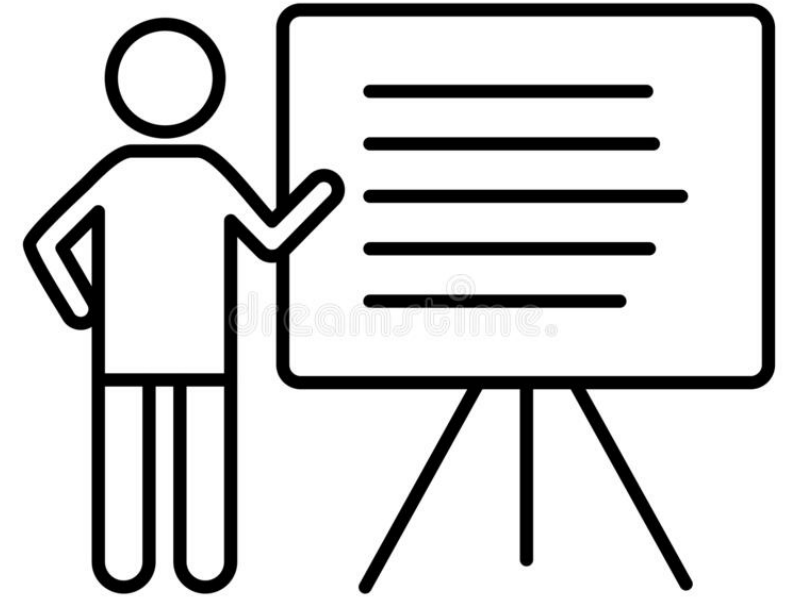


# SLT Calculation Results of Specific Programme Duration

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2<sup>nd</sup> November 2024

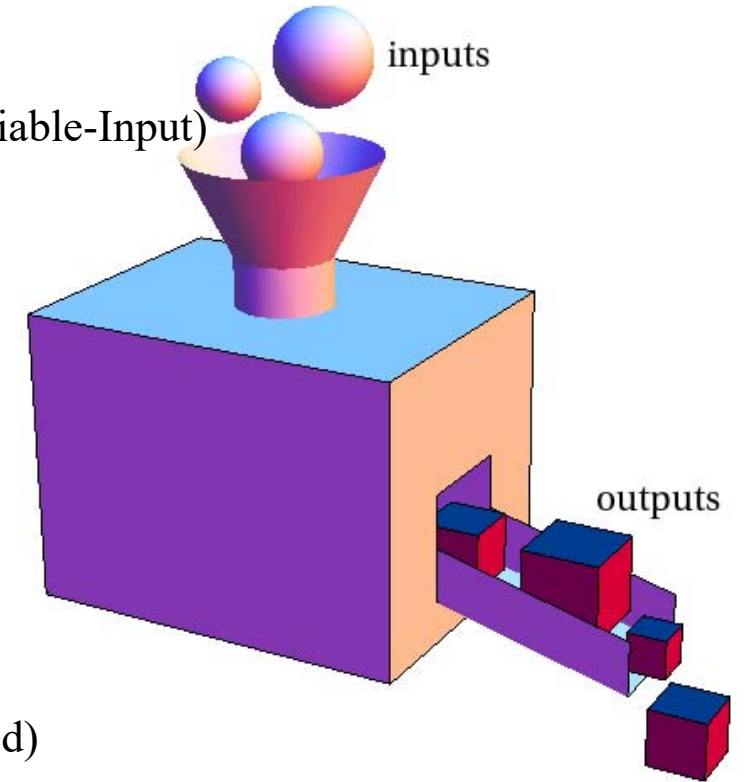
# Outline

- Variables for Analysis
- Criteria for Consideration
- Sample Calculation
- Formulation in Excel Spread Sheet for Calculation (Input and Generated)
- Calculation for Existing Condition
- Calculation for Specific Programme's Duration
- Discussion Points



# Variables for Analysis

- Column No. 1=Name of Programme (Variable-Input)
- Column No. 2=Total No. of Equivalent Core Subjects (Courses) for the B.E. Degree (Variable-Input)
- (Convert into Equivalent 3-Credit Subjects (Courses))
- Column No. 3= Total No. of Equivalent Supporting Subjects (Courses) (Variable-Input)
- (Convert into Equivalent 3-Credit Subjects (Courses))
- Column No. 4=Average No. of Equivalent Subjects/Week/Semester (Generated)
- Column No. 5=Total SLT Credit for the B.E. Degree (Variable-Input)
- Column No. 6=Average SLT Credit/Semester (Generated)
- Column No. 7=Total SLT Hours/Semester (Generated)
- Column No. 8=Average SLT Hours/Day (Face-to-Face) based on 5 Days/Week (Generated)
- Column No. 9= Average SLT Hours/Day (Non Face-to-Face) based on 6 Days/Week (Generated)
- Column No. 10=SLT Credit Ratio (%) (Supporting/Core Subjects) (Generated)
- Column No. 11=NSEM [NSEM=Total No. of Semesters (Variable-Input)]
- Column No. 12=F Ratio [F=F2F Hours and SLT Credit Ratio (Variable-Input)]
- Column No. 13=Hours/SLT Credit [HOUR/SLT CREDIT=No. of Learning Hours Per SLT Credit (F2F+Non F2F) (Variable-Input)]
- Column No. 14=No. of Days/Week (F2F)
- Column No. 15=No. of Days/Week (NF2F)
- Column No. 16=No. of Weeks/Semester (Net)



*Note: This programme is designed by MEngC for quick overall planning of future B.E. degree programme*

# Criteria for Consideration

One Credit = 1 Hour Lecture + 2 Hours (NF2F) or

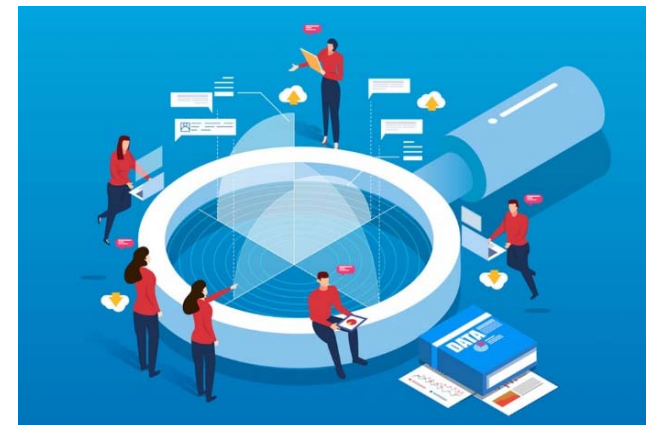
One Credit = 2 Hours Tutorial (Or) Practical/Laboratory + 2 Hours (NF2F)

Sr No	Course No	Course Title	Period Per Week (Avg)						SLT Credit
			L	T	P	F2F	NF2F	Total SLT	
1	XX	A	4	1	2	7	11	18	6
2	XX	B	3	1	2	6	9	15	5
3	XX	C	2	1	0	3	5	8	3
4	XX	D	1	0	0	1	2	3	1
5	XX	E	5	1	0	6	11	17	6
			15	4	4	23	38	61	21

$$\text{Total Equivalent 3-Credit Core Subjects (Courses)} = \frac{\sum \text{SLT Credits for all Core Subjects}}{3}$$

$$\text{Total Equivalent 3-Credit Core Subjects (Courses)} = \frac{\sum \text{SLT Credits for all Supporting Subjects}}{3}$$

$$\text{Multiplier F (F2F Hours-Credit Ratio)} = \frac{\sum \text{F2F Hours for all subjects}}{\sum \text{SLT Credits for all subjects}}$$



# Sample Calculation (1/2)

- NSEM=Total No. of Semesters (Variable-Input) **10**
- HOUR/SLT CREDIT=No. of Learning Hours Per SLT Credit (F2F+Non F2F) (Variable-Input)
- F=F2F Hours and SLT Credit Ratio (Variable-Input) **1.2**
- Column No. 1=Name of Programme (Variable-Input) **EP**
- Column No. 2=Total No. of Equivalent Core Subjects (Courses) for the B.E. Degree (Variable-Input)
- (Convert into Equivalent 3-Credit Subjects (Courses) **45 Core Subjects (Courses)**)
- Column No. 3= Total No. of Equivalent Supporting Subjects (Courses) (Variable-Input)
- (Convert into Equivalent 3-Credit Subjects (Courses) **15 Supporting Subjects (Courses)**)
- Column No. 4=Average No. of Equivalent Subjects/Week/Semester (Generated)  **$(45+15)/10=6$  Subjects/Week/Semester**
- Column No. 5=Total SLT Credit for the B.E. Degree (Variable-Input) **180 Total SLT Credit**
- Column No. 6=Average SLT Credit/Semester (Generated)  **$180/10=18$  SLT Credit/Semester**
- Column No. 7=Total SLT Hours/Semester (Generated)  **$18 \times 45=810$  SLT Hours/Semester**

# Sample Calculation (2/2)

- Column No. 8=Average SLT Hours/Day (Face-to-Face) based on 5 Days/Week (Generated)  
 **$(\text{SLT Credit}/\text{Semester Hours}/\text{Weeks})/5$**   
 **$18 \times 1.2 / 5 = 21.6 \text{ Hours/Week} / 5 \text{ Days/Week} = 4.32 \text{ Hours/Day}$**
- Column No. 9= Average SLT Hours/Day (Non Face-to-Face) based on 6 Days/Week (Generated)  
 **$810 \text{ Hours} / 15 = 54 - 21.6 \text{ Hours/Week} = 32.4 \text{ Non F2F Hours/Week}$**   
 **$32.4 / 6 = 5.4 \text{ Non F2F Learning Hours/Day}$**
- Column No. 10=SLT Credit Ratio (%) (Supporting/Core Subjects) (Generated)  
 **$15 / 45 = 25\% / 75\% (\text{Supporting Subjects/Core Subjects (Credit Ratio)})$**
- Column No. 11=NSEM
- Column No. 12=F Ratio
- Column No. 13=Hours/SLT Credit
- Column No. 14=No. of Days/Week (F2F)
- Column No. 15=No. of Days/Week (NF2F)
- Column No. 16=No. of Weeks/Semester (Net)

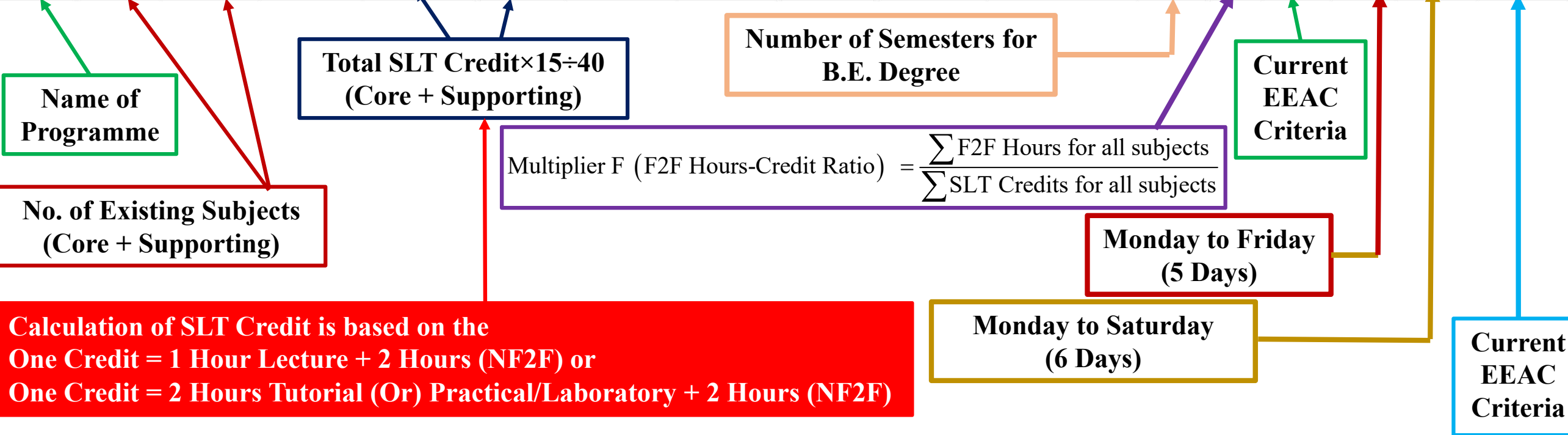




# Formulation in Excel Spread Sheet for Calculation (Input)

Analysis Table for Existing Programmes at YTU (SEM=12; Total SLT Credit as shown; Hours per SLT Credit=45)

Programme	Subject			Student Learning Time (SLT)						Supporting Subject/Core Subjects (%) (SLT Credit)	NSEM	F Ratio	Hour/SLT Credit	No. of Day/Week		No. of Week/Semester
	Total No.of Equivalent 3-Credit Subjects		Subject/ Week/ Semester	Total SLT Credit		Average SLT Credit/ Semester	Total SLT Hours/ Semester	SLT Hour/Day (F2F)	SLT Hour/Day (Non F2F)					F2F	NF2F	
	Core Subjects	Supporting Subjects		Supporting Subjects	Core Subjects											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Input	Input	Input	Generated	Input	Input	Generated	Generated	Generated	Generated	Generated	Input	Input	Input	Input	Input	Input
EP	41	15	4.6666667	94	161	21.25	956.25	5.1	6.375	27.3%/72.7%	12	1.2	45	5	6	15
EC	54	14	5.6666667	94	195	24.0833333	1083.75	5.78	7.225	25%/75%	12	1.2	45	5	6	15
Civil	45	16	5.0833333	94	164	21.5	967.5	4.73	6.8083333	33%/67%	12	1.1	45	5	6	15
Mech	41	16	4.75	94	149	20.25	911.25	4.86	6.075	28.6%/71.4%	12	1.2	45	5	6	15
Chemical	27	22	4.0833333	94	186	23.3333333	1050	5.1333333	7.3888889	44.4%/55.6%	12	1.1	45	5	6	15



# Formulation in Excel Spread Sheet for Calculation (Generated)

Analysis Table for Existing Programmes at YTU (SEM=12; Total SLT Credit as shown; Hours per SLT Credit=45)

Programme	Subject			Student Learning Time (SLT)						Supporting Subject/Core Subjects (%) (SLT Credit)	NSEM	F Ratio	Hour/SLT Credit	No. of Day/Week		No. of Week/Semester
	Total No.of Equivalent 3-Credit Subjects		Subject/ Week/ Semester	Total SLT Credit		Average SLT Credit/ Semester	Total SLT Hours/ Semester	SLT Hour/Day (F2F)	SLT Hour/Day (Non F2F)					F2F	NF2F	
	Core Subjects	Supporting Subjects		Supporting Subjects	Core Subjects											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Input	Input	Input	Generated	Input	Input	Generated	Generated	Generated	Generated	Generated	Input	Input	Input	Input	Input	Input
EP	41	15	4.6666667	94	161	21.25	956.25	5.1	6.375	27.3%/72.7%	12	1.2	45	5	6	15
EC	54	14	5.6666667	94	195	24.0833333	1083.75	5.78	7.225	25%/75%	12	1.2	45	5	6	15
Civil	45	16	5.0833333	94	164	21.5	967.5	4.73	6.8083333	33%/67%	12	1.1	45	5	6	15
Mech	41	16	4.75	94	149	20.25	911.25	4.86	6.075	28.6%/71.4%	12	1.2	45	5	6	15
Chemical	27	22	4.0833333	94	186	23.3333333	1050	5.1333333	7.38888889	44.4%/55.6%	12	1.1	45	5	6	15

Subjects/Weeks/Semester= 
$$\frac{(\text{No. of Core Subjects} + \text{No. of Supporting Subject})}{\text{No. of Semester}}$$

Average SLT Credit/Semester= 
$$\frac{(\text{SLT Credit for Core Subjects} + \text{SLT Credit for Supporting Subject})}{\text{No. of Semester}}$$

Total SLT Hours/Semester= 
$$\text{Average SLT Credit/Semester} \times \text{Hours/SLT Credit}$$

SLT Hours/Day (F2F)= 
$$\frac{\text{Total SLT Hours/Semester} \times \text{F Ratio}}{\text{No. of Day per Week (Weekday)}}$$

Supporting Subjects/Core Subjects (%)= 
$$\frac{\text{No. of Supporting Subjects}}{\text{No. of Core Subjects}}$$

SLT Hours/Day (Non F2F)= 
$$\frac{\left[ \frac{\text{Total SLT Hours/Semester}}{\text{No. of Semester}} - (\text{Average SLT Credit/Semester} \times \text{F Ratio}) \right]}{\text{No. of Days/Week (Monday to Saturday)}}$$



# Existing Calculation

Analysis Table for Existing Programmes at YTU (SEM=12; Total SLT Credit as shown; Hours per SLT Credit=45)

Programme	Subject			Student Learning Time (SLT)						Supporting Subject/Core Subjects (%) (SLT Credit)	NSEM	F Ratio	Hour/SLT Credit	No. of Day/Week		No. of Week/Semester
	Total No.of Equivalent 3-Credit Subjects		Subject/Week/Semester	Total SLT Credit		Average SLT Credit/Semester	Total SLT Hours/Semester	SLT Hour/Day (F2F)	SLT Hour/Day (Non F2F)					F2F	NF2F	
	Core Subjects	Supporting Subjects		Supporting Subjects	Core Subjects											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Input	Input	Input	Generated	Input	Input	Generated	Generated	Generated	Generated	Generated	Input	Input	Input	Input	Input	Input
EP	41	15	4.6666667	94	161	21.25	956.25	5.1	6.375	27.3%/72.7%	12	1.2	45	5	6	15
EC	54	14	5.6666667	94	195	24.0833333	1083.75	5.78	7.225	25%/75%	12	1.2	45	5	6	15
Civil	45	16	5.0833333	94	164	21.5	967.5	4.73	6.8083333	33%/67%	12	1.1	45	5	6	15
Mech	41	16	4.75	94	149	20.25	911.25	4.86	6.075	28.6%/71.4%	12	1.2	45	5	6	15
Chemical	27	22	4.0833333	94	186	23.3333333	1050	5.1333333	7.3888889	44.4%/55.6%	12	1.1	45	5	6	15

Analysis Table for Existing Programmes at YTU (SEM=10; Total SLT Credit=180; Hours per SLT Credit=45)

Programme	Subject		Subject/ Week/ Semester	Student Learning Time (SLT)						Supporting Subject/Core Subjects (%) (SLT Credit)	NSEM	F Ratio	Hour/ SLT Credit	No. of Day/ Week		No. of Week/ Semester
	Total No.of Equivalent 3-Credit Subjects			Total SLT Credit		Average SLT Credit/ Semester	Total SLT Hours/ Semester	SLT Hour/Day (F2F)	SLT Hour/Day (Non F2F)					F2F	NF2F	
	Core Subjects	Supporting Subjects		Supporting Subjects	Core Subjects											
EP	41	15	5.6	94	161	25.5	1147.5	6.12	7.65	27.3%/72.7%	10	1.2	45	5	6	15
EC	54	14	6.8	94	195	28.9	1300.5	6.936	8.67	25%/75%	10	1.2	45	5	6	15
Civil	45	16	6.1	94	164	25.8	1161	5.676	8.17	33%/67%	10	1.1	45	5	6	15
Mech	41	16	5.7	94	149	24.3	1093.5	5.832	7.29	28.6%/71.4%	10	1.2	45	5	6	15
Chemical	27	22	4.9	94	186	28	1260	6.16	8.8666667	44.4%/55.6%	10	1.1	45	5	6	15

Analysis Table for Existing Programmes at YTU (SEM=8; Total SLT Credit=180; Hours per SLT Credit=45)

Programme	Subject		Subject/ Week/ Semester	Student Learning Time (SLT)						Supporting Subject/Core Subjects (%) (SLT Credit)	NSEM	F Ratio	Hour/ SLT Credit	No. of Day/ Week		No. of Week/ Semester
	Total No.of Equivalent 3-Credit Subjects			Total SLT Credit		Average SLT Credit/ Semester	Total SLT Hours/ Semester	SLT Hour/Day (F2F)	SLT Hour/Day (Non F2F)					F2F	NF2F	
	Core Subjects	Supporting Subjects		Supporting Subjects	Core Subjects											
EP	41	15	7	94	161	31.875	1434.375	7.65	9.5625	27.3%/72.7%	8	1.2	45	5	6	15
EC	54	14	8.5	94	195	36.125	1625.625	8.67	10.8375	25%/75%	8	1.2	45	5	6	15
Civil	45	16	7.625	94	164	32.25	1451.25	7.095	10.2125	33%/67%	8	1.1	45	5	6	15
Mech	41	16	7.125	94	149	30.375	1366.875	7.29	9.1125	28.6%/71.4%	8	1.2	45	5	6	15
Chemical	27	22	6.125	94	186	35	1575	7.7	11.0833333	44.4%/55.6%	8	1.1	45	5	6	15

**Government of the Republic of the Union of Myanmar**  
**Myanmar Engineering Council**  
**Engineering Education Accreditation Committee**  
**Existing Results**

Sr No	Programme	Semester	Total SLT	Hours/SLT	Supporting%/ Core%	RESULTS Hours/Day		
						F2F	NF2F	TOTAL
1	EP	12	255	45	27.3%/72.7%	5.1	6.375	11.475
2	EC	12	289	45	25%/75%	5.78	7.225	13.005
3	Civil	12	258	45	33%/67%	4.73	6.80833333	11.5383
4	Mech	12	243	45	28.6%/71.4%	4.86	6.075	10.935
5	Chemical	12	280	45	44.4%/55.6%	5.133333	7.38888889	12.5222
6	EP	10	255	45	27.3%/72.7%	6.12	7.65	13.77
7	EC	10	289	45	25%/75%	6.936	8.67	15.606
8	Civil	10	258	45	33%/67%	5.676	8.17	13.846
9	Mech	10	243	45	28.6%/71.4%	5.832	7.29	13.122
10	Chemical	10	280	45	44.4%/55.6%	6.16	8.86666667	15.0267
11	EP	8	255	45	27.3%/72.7%	7.65	9.5625	17.2125
12	EC	8	289	45	25%/75%	8.67	10.8375	19.5075
13	Civil	8	258	45	33%/67%	7.095	10.2125	17.3075
14	Mech	8	243	45	28.6%/71.4%	7.29	9.1125	16.4025
15	Chemical	8	280	45	44.4%/55.6%	7.7	11.0833333	18.7833





# Calculation for Specific Programme (1&2)

SEM=12; Total SLT Credit=180; Hours per SLT Credit=50; Supporting=19																
Programme	Subject			Student Learning Time (SLT)						Supporting Subject/Core Subjects (%) (SLT Credit)	NSEM	F Ratio	Hour/S LT Credit	No. of Day/ Week		No. of Week/ Semester
	Total No.of Equivalent 3-Credit Subjects		Subject/ Week/ Semester	Total SLT Credit		Average SLT Credit/ Semester	Total SLT Hours/ Semester	SLT Hour/Day (F2F)	SLT Hour/Day (Non F2F)					F2F	NF2F	
	Core Subjects	Supporting Subjects		Supporting Subjects	Core Subjects											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Input	Input	Input	Generated	Input	Input	Generated	Generated	Generated	Generated	Generated	Input	Input	Input	Input	Input	Input
EP	45	19	5.3333333	45	135	15	750	3.6	5.33333333	30%/70%	12	1.2	50	5	6	15
EC	45	19	5.3333333	45	135	15	750	3.6	5.33333333	30%/70%	12	1.2	50	5	6	15
Civil	45	19	5.3333333	45	135	15	750	3.6	5.33333333	30%/70%	12	1.2	50	5	6	15
Mech	45	19	5.3333333	45	135	15	750	3.6	5.33333333	30%/70%	12	1.2	50	5	6	15
Chemical	45	19	5.3333333	45	135	15	750	3.6	5.33333333	30%/70%	12	1.2	50	5	6	15

SEM=12; Total SLT Credit=180; Hours per SLT Credit=50; Supporting=15																
Programme	Subject			Student Learning Time (SLT)						Supporting Subject/Core Subjects (%) (SLT Credit)	NSEM	F Ratio	Hour/S LT Credit	No. of Day/ Week		No. of Week/ Semester
	Total No.of Equivalent 3-Credit Subjects		Subject/ Week/ Semester	Total SLT Credit		Average SLT Credit/ Semester	Total SLT Hours/ Semester	SLT Hour/Day (F2F)	SLT Hour/Day (Non F2F)					F2F	NF2F	
	Core Subjects	Supporting Subjects		Supporting Subjects	Core Subjects											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Input	Input	Input	Generated	Input	Input	Generated	Generated	Generated	Generated	Generated	Input	Input	Input	Input	Input	Input
EP	45	15	5	45	135	15	750	3.6	5.33333333	25%/75%	12	1.2	50	5	6	15
EC	45	15	5	45	135	15	750	3.6	5.33333333	25%/75%	12	1.2	50	5	6	15
Civil	45	15	5	45	135	15	750	3.6	5.33333333	25%/75%	12	1.2	50	5	6	15
Mech	45	15	5	45	135	15	750	3.6	5.33333333	25%/75%	12	1.2	50	5	6	15
Chemical	45	15	5	45	135	15	750	3.6	5.33333333	25%/75%	12	1.2	50	5	6	15

# Calculation for Specific Programme (3&4)

SEM=12; Total SLT Credit=180; Hours per SLT Credit=45; Supporting=19

Programme	Subject			Student Learning Time (SLT)						Supporting Subject/Core Subjects (%) (SLT Credit)	NSEM	F Ratio	Hour/S LT Credit	No. of Day/ Week		No. of Week/ Semester
	Total No.of Equivalent 3-Credit Subjects		Subject/ Week/ Semester	Total SLT Credit		Average SLT Credit/ Semester	Total SLT Hours/ Semester	SLT Hour/Day (F2F)	SLT Hour/Day (Non F2F)					F2F	NF2F	
	Core Subjects	Supporting Subjects		Supporting Subjects	Core Subjects											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Input	Input	Input	Generated	Input	Input	Generated	Generated	Generated	Generated	Generated	Input	Input	Input	Input	Input	Input
EP	45	19	5.3333333	45	135	15	675	3.6	4.5	30%/70%	12	1.2	45	5	6	15
EC	45	19	5.3333333	45	135	15	675	3.6	4.5	30%/70%	12	1.2	45	5	6	15
Civil	45	19	5.3333333	45	135	15	675	3.6	4.5	30%/70%	12	1.2	45	5	6	15
Mech	45	19	5.3333333	45	135	15	675	3.6	4.5	30%/70%	12	1.2	45	5	6	15
Chemical	45	19	5.3333333	45	135	15	675	3.6	4.5	30%/70%	12	1.2	45	5	6	15

SEM=12; Total SLT Credit=180; Hours per SLT Credit=45; Supporting=15

Programme	Subject			Student Learning Time (SLT)						Supporting Subject/Core Subjects (%) (SLT Credit)	NSEM	F Ratio	Hour/S LT Credit	No. of Day/ Week		No. of Week/ Semester
	Total No.of		Subject/ Week/ Semester	Total SLT Credit		Average SLT Credit/ Semester	Total SLT Hours/ Semester	SLT Hour/Day (F2F)	SLT Hour/Day (Non F2F)					F2F	NF2F	
	Core Subjects	Supporting Subjects		Supporting Subjects	Core Subjects											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Input	Input	Input	Generated	Input	Input	Generated	Generated	Generated	Generated	Generated	Input	Input	Input	Input	Input	Input
EP	45	15	5	45	135	15	675	3.6	4.5	25%/75%	12	1.2	45	5	6	15
EC	45	15	5	45	135	15	675	3.6	4.5	25%/75%	12	1.2	45	5	6	15
Civil	45	15	5	45	135	15	675	3.6	4.5	25%/75%	12	1.2	45	5	6	15
Mech	45	15	5	45	135	15	675	3.6	4.5	25%/75%	12	1.2	45	5	6	15
Chemical	45	15	5	45	135	15	675	3.6	4.5	25%/75%	12	1.2	45	5	6	15

# Calculation for Specific Programme (5&6)

SEM=10; Total SLT Credit=170; Hours per SLT Credit=50; Supporting=19

Programme	Subject		Student Learning Time (SLT)							Supporting Subject/Core Subjects (%) (SLT Credit)	NSEM	F Ratio	Hour/ SLT Credit	No. of Day/ Week		No. of Week/ Semester
	Total No.of Equivalent 3-Credit Subjects		Subject/ Week/ Semester	Total SLT Credit		Average SLT Credit/ Semester	Total SLT Hours/ Semester	SLT Hour/Day (F2F)	SLT Hour/Day (Non F2F)					F2F	NF2F	
	Core Subjects	Supporting Subjects		Supporting Subjects	Core Subjects											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Input	Input	Input	Generated	Input	Input	Generated	Generated	Generated	Generated	Generated	Input	Input	Input	Input	Input	Input
EP	45	19	6.4	45	125	17	850	4.08	6.04444444	30%/70%	10	1.2	50	5	6	15
EC	45	19	6.4	45	125	17	850	4.08	6.04444444	30%/70%	10	1.2	50	5	6	15
Civil	45	19	6.4	45	125	17	850	4.08	6.04444444	30%/70%	10	1.2	50	5	6	15
Mech	45	19	6.4	45	125	17	850	4.08	6.04444444	30%/70%	10	1.2	50	5	6	15
Chemical	45	19	6.4	45	125	17	850	4.08	6.04444444	30%/70%	10	1.2	50	5	6	15

SEM=10; Total SLT Credit=170; Hours per SLT Credit=50; Supporting=15

Programme	Subject		Student Learning Time (SLT)							Supporting Subject/Core Subjects (%) (SLT Credit)	NSEM	F Ratio	Hour/ SLT Credit	No. of Day/ Week		No. of Week/ Semester
	Total No.of Equivalent 3-Credit Subjects		Subject/ Week/ Semester	Total SLT Credit		Average SLT Credit/ Semester	Total SLT Hours/ Semester	SLT Hour/Day (F2F)	SLT Hour/Day (Non F2F)					F2F	NF2F	
	Core Subjects	Supporting Subjects		Supporting Subjects	Core Subjects											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Input	Input	Input	Generated	Input	Input	Generated	Generated	Generated	Generated	Generated	Input	Input	Input	Input	Input	Input
EP	45	15	6	45	125	17	850	4.08	6.04444444	25%/75%	10	1.2	50	5	6	15
EC	45	15	6	45	125	17	850	4.08	6.04444444	25%/75%	10	1.2	50	5	6	15
Civil	45	15	6	45	125	17	850	4.08	6.04444444	25%/75%	10	1.2	50	5	6	15
Mech	45	15	6	45	125	17	850	4.08	6.04444444	25%/75%	10	1.2	50	5	6	15
Chemical	45	15	6	45	125	17	850	4.08	6.04444444	25%/75%	10	1.2	50	5	6	15



# Calculation for Specific Programme (7&8)

SEM=10; Total SLT Credit=170; Hours per SLT Credit=45; Supporting=19																
Programme	Subject			Student Learning Time (SLT)						Supporting Subject/Core Subjects (%) (SLT Credit)	NSEM	F Ratio	Hour/ SLT Credit	No. of Day/ Week		No. of Week/ Semester
	Total No.of Equivalent 3-Credit Subjects		Subject/ Week/ Semester	Total SLT Credit		Average SLT Credit/ Semester	Total SLT Hours/ Semester	SLT Hour/Day (F2F)	SLT Hour/Day (Non F2F)					F2F	NF2F	
	Core Subjects	Supporting Subjects		Supporting Subjects	Core Subjects											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Input	Input	Input	Generated	Input	Input	Generated	Generated	Generated	Generated	Generated	Input	Input	Input	Input	Input	Input
EP	45	19	6.4	45	125	17	765	4.08	5.1	30%/70%	10	1.2	45	5	6	15
EC	45	19	6.4	45	125	17	765	4.08	5.1	30%/70%	10	1.2	45	5	6	15
Civil	45	19	6.4	45	125	17	765	4.08	5.1	30%/70%	10	1.2	45	5	6	15
Mech	45	19	6.4	45	125	17	765	4.08	5.1	30%/70%	10	1.2	45	5	6	15
Chemical	45	19	6.4	45	125	17	765	4.08	5.1	30%/70%	10	1.2	45	5	6	15

SEM=10; Total SLT Credit=170; Hours per SLT Credit=45; Supporting=15																
Programme	Subject			Student Learning Time (SLT)						Supporting Subject/Core Subjects (%) (SLT Credit)	NSEM	F Ratio	Hour/ SLT Credit	No. of Day/ Week		No. of Week/ Semester
	Total No.of		Subject/ Week/ Semester	Total SLT Credit		Average SLT Credit/ Semester	Total SLT Hours/ Semester	SLT Hour/Day (F2F)	SLT Hour/Day (Non F2F)					F2F	NF2F	
	Core Subjects	Supporting Subjects		Supporting Subjects	Core Subjects											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Input	Input	Input	Generated	Input	Input	Generated	Generated	Generated	Generated	Generated	Input	Input	Input	Input	Input	Input
EP	45	15	6	45	125	17	765	4.08	5.1	25%/75%	10	1.2	45	5	6	15
EC	45	15	6	45	125	17	765	4.08	5.1	25%/75%	10	1.2	45	5	6	15
Civil	45	15	6	45	125	17	765	4.08	5.1	25%/75%	10	1.2	45	5	6	15
Mech	45	15	6	45	125	17	765	4.08	5.1	25%/75%	10	1.2	45	5	6	15
Chemical	45	15	6	45	125	17	765	4.08	5.1	25%/75%	10	1.2	45	5	6	15

# Calculation for Specific Programme (9&10)

SEM=10; Total SLT Credit=180; Hours per SLT Credit=50; Supporting=19

Programme	Subject		Student Learning Time (SLT)							Supporting Subject/Core Subjects (%) (SLT Credit)	NSEM	F Ratio	Hour/ SLT Credit	No. of Day/ Week		No. of Week/ Semester
	Total No.of Equivalent 3-Credit Subjects		Subject/ Week/ Semester	Total SLT Credit		Average SLT Credit/ Semester	Total SLT Hours/ Semester	SLT Hour/Day (F2F)	SLT Hour/Day (Non F2F)					F2F	NF2F	
	Core Subjects	Supporting Subjects		Supporting Subjects	Core Subjects											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Input	Input	Input	Generated	Input	Input	Generated	Generated	Generated	Generated	Generated	Input	Input	Input	Input	Input	Input
EP	45	19	6.4	45	135	18	900	4.32	6.4	30%/70%	10	1.2	50	5	6	15
EC	45	19	6.4	45	135	18	900	4.32	6.4	30%/70%	10	1.2	50	5	6	15
Civil	45	19	6.4	45	135	18	900	4.32	6.4	30%/70%	10	1.2	50	5	6	15
Mech	45	19	6.4	45	135	18	900	4.32	6.4	30%/70%	10	1.2	50	5	6	15
Chemical	45	19	6.4	45	135	18	900	4.32	6.4	30%/70%	10	1.2	50	5	6	15

SEM=10; Total SLT Credit=180; Hours per SLT Credit=50; Supporting=15

Programme	Subject			Student Learning Time (SLT)						Supporting Subject/Core Subjects (%) (SLT Credit)	NSEM	F Ratio	Hour/ SLT Credit	No. of Day/ Week		No. of Week/ Semester
	Total No.of Equivalent 3-Credit Subjects		Subject/ Week/ Semester	Total SLT Credit		Average SLT Credit/ Semester	Total SLT Hours/ Semester	SLT Hour/Day (F2F)	SLT Hour/Day (Non F2F)					F2F	NF2F	
	Core Subjects	Supporting Subjects		Supporting Subjects	Core Subjects											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Input	Input	Input	Generated	Input	Input	Generated	Generated	Generated	Generated	Generated	Input	Input	Input	Input	Input	Input
EP	45	15	6	45	135	18	900	4.32	6.4	25%/75%	10	1.2	50	5	6	15
EC	45	15	6	45	135	18	900	4.32	6.4	25%/75%	10	1.2	50	5	6	15
Civil	45	15	6	45	135	18	900	4.32	6.4	25%/75%	10	1.2	50	5	6	15
Mech	45	15	6	45	135	18	900	4.32	6.4	25%/75%	10	1.2	50	5	6	15
Chemical	45	15	6	45	135	18	900	4.32	6.4	25%/75%	10	1.2	50	5	6	15

# Calculation for Specific Programme (11&12)

SEM=10; Total SLT Credit=180; Hours per SLT Credit=45; Supporting=19

Programme	Subject			Student Learning Time (SLT)						Supporting Subject/Core Subjects (%) (SLT Credit)	NSEM	F Ratio	Hour/ SLT Credit	No. of Day/ Week		No. of Week/ Semester
	Total No.of Equivalent 3-Credit Subjects		Subject/ Week/ Semester	Total SLT Credit		Average SLT Credit/ Semester	Total SLT Hours/ Semester	SLT Hour/Day (F2F)	SLT Hour/Day (Non F2F)					F2F	NF2F	
	Core Subjects	Supporting Subjects		Supporting Subjects	Core Subjects											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Input	Input	Input	Generated	Input	Input	Generated	Generated	Generated	Generated	Generated	Input	Input	Input	Input	Input	Input
EP	45	19	6.4	45	135	18	810	4.32	5.4	30%/70%	10	1.2	45	5	6	15
EC	45	19	6.4	45	135	18	810	4.32	5.4	30%/70%	10	1.2	45	5	6	15
Civil	45	19	6.4	45	135	18	810	4.32	5.4	30%/70%	10	1.2	45	5	6	15
Mech	45	19	6.4	45	135	18	810	4.32	5.4	30%/70%	10	1.2	45	5	6	15
Chemical	45	19	6.4	45	135	18	810	4.32	5.4	30%/70%	10	1.2	45	5	6	15

SEM=10; Total SLT Credit=180; Hours per SLT Credit=45; Supporting=15

Programme	Subject		Subject/ Week/ Semester	Student Learning Time (SLT)						Supporting Subject/Core Subjects (%) (SLT Credit)	NSEM	F Ratio	Hour/ SLT Credit	No. of Day/ Week		No. of Week/ Semester
	Total No.of			Total SLT Credit		Average SLT Credit/ Semester	Total SLT Hours/ Semester	SLT Hour/Day (F2F)	SLT Hour/Day (Non F2F)					F2F	NF2F	
	Core Subjects	Supporting Subjects		Supporting Subjects	Core Subjects											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Input	Input	Input	Generated	Input	Input	Generated	Generated	Generated	Generated	Generated	Input	Input	Input	Input	Input	Input
EP	45	15	6	45	135	18	810	4.32	5.4	25%/75%	10	1.2	45	5	6	15
EC	45	15	6	45	135	18	810	4.32	5.4	25%/75%	10	1.2	45	5	6	15
Civil	45	15	6	45	135	18	810	4.32	5.4	25%/75%	10	1.2	45	5	6	15
Mech	45	15	6	45	135	18	810	4.32	5.4	25%/75%	10	1.2	45	5	6	15
Chemical	45	15	6	45	135	18	810	4.32	5.4	25%/75%	10	1.2	45	5	6	15

# Calculation for Specific Programme (13&14)

SEM=12; Total SLT Credit=170; Hours per SLT Credit=50; Supporting=19

Programme	Subject			Student Learning Time (SLT)						Supporting Subject/Core Subjects (%) (SLT Credit)	NSEM	F Ratio	Hour/S LT Credit	No. of Day/ Week		No. of Week/ Semester
	Total No.of Equivalent 3-Credit Subjects		Subject/ Week/ Semester	Total SLT Credit		Average SLT Credit/ Semester	Total SLT Hours/ Semester	SLT Hour/Day (F2F)	SLT Hour/Day (Non F2F)					F2F	NF2F	
	Core Subjects	Supporting Subjects		Supporting Subjects	Core Subjects											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Input	Input	Input	Generated	Input	Input	Generated	Generated	Generated	Generated	Generated	Input	Input	Input	Input	Input	Input
EP	45	19	5.3333333	45	125	14.1666667	708.33333	3.4	5.03703704	30%/70%	12	1.2	50	5	6	15
EC	45	19	5.3333333	45	125	14.1666667	708.33333	3.4	5.03703704	30%/70%	12	1.2	50	5	6	15
Civil	45	19	5.3333333	45	125	14.1666667	708.33333	3.4	5.03703704	30%/70%	12	1.2	50	5	6	15
Mech	45	19	5.3333333	45	125	14.1666667	708.33333	3.4	5.03703704	30%/70%	12	1.2	50	5	6	15
Chemical	45	19	5.3333333	45	125	14.1666667	708.33333	3.4	5.03703704	30%/70%	12	1.2	50	5	6	15

SEM=12; Total SLT Credit=170; Hours per SLT Credit=50; Supporting=15

Programme	Subject			Student Learning Time (SLT)						Supporting Subject/Core Subjects (%) (SLT Credit)	NSEM	F Ratio	Hour/S LT Credit	No. of Day/ Week		No. of Week/ Semester
	Total No.of Equivalent 3-Credit Subjects		Subject/ Week/ Semester	Total SLT Credit		Average SLT Credit/ Semester	Total SLT Hours/ Semester	SLT Hour/Day (F2F)	SLT Hour/Day (Non F2F)					F2F	NF2F	
	Core Subjects	Supporting Subjects		Supporting Subjects	Core Subjects											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Input	Input	Input	Generated	Input	Input	Generated	Generated	Generated	Generated	Generated	Input	Input	Input	Input	Input	Input
EP	45	15	5	45	125	14.1666667	708.33333	3.4	5.03703704	25%/75%	12	1.2	50	5	6	15
EC	45	15	5	45	125	14.1666667	708.33333	3.4	5.03703704	25%/75%	12	1.2	50	5	6	15
Civil	45	15	5	45	125	14.1666667	708.33333	3.4	5.03703704	25%/75%	12	1.2	50	5	6	15
Mech	45	15	5	45	125	14.1666667	708.33333	3.4	5.03703704	25%/75%	12	1.2	50	5	6	15
Chemical	45	15	5	45	125	14.1666667	708.33333	3.4	5.03703704	25%/75%	12	1.2	50	5	6	15



# Calculation for Specific Programme (15&16)

SEM=12; Total SLT Credit=170; Hours per SLT Credit=45; Supporting=19

Programme	Subject			Student Learning Time (SLT)						Supporting Subject/Core Subjects (%) (SLT Credit)	NSEM	F Ratio	Hour/S LT Credit	No. of Day/ Week		No. of Week/ Semester
	Total No.of Equivalent 3-Credit Subjects		Subject/ Week/ Semester	Total SLT Credit		Average SLT Credit/ Semester	Total SLT Hours/ Semester	SLT Hour/Day (F2F)	SLT Hour/Day (Non F2F)					F2F	NF2F	
	Core Subjects	Supporting Subjects		Supporting Subjects	Core Subjects											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Input	Input	Input	Generated	Input	Input	Generated	Generated	Generated	Generated	Generated	Input	Input	Input	Input	Input	Input
EP	45	19	5.3333333	45	125	14.1666667	637.5	3.4	4.25	30%/70%	12	1.2	45	5	6	15
EC	45	19	5.3333333	45	125	14.1666667	637.5	3.4	4.25	30%/70%	12	1.2	45	5	6	15
Civil	45	19	5.3333333	45	125	14.1666667	637.5	3.4	4.25	30%/70%	12	1.2	45	5	6	15
Mech	45	19	5.3333333	45	125	14.1666667	637.5	3.4	4.25	30%/70%	12	1.2	45	5	6	15
Chemical	45	19	5.3333333	45	125	14.1666667	637.5	3.4	4.25	30%/70%	12	1.2	45	5	6	15

SEM=12; Total SLT Credit=170; Hours per SLT Credit=45; Supporting=15

Programme	Subject			Student Learning Time (SLT)						Supporting Subject/Core Subjects (%) (SLT Credit)	NSEM	F Ratio	Hour/S LT Credit	No. of Day/ Week		No. of Week/ Semester
	Total No.of		Subject/ Week/ Semester	Total SLT Credit		Average SLT Credit/ Semester	Total SLT Hours/ Semester	SLT Hour/Day (F2F)	SLT Hour/Day (Non F2F)					F2F	NF2F	
	Core Subjects	Supporting Subjects		Supporting Subjects	Core Subjects											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Input	Input	Input	Generated	Input	Input	Generated	Generated	Generated	Generated	Generated	Input	Input	Input	Input	Input	Input
EP	45	15	5	45	125	14.1666667	637.5	3.4	4.25	25%/75%	12	1.2	45	5	6	15
EC	45	15	5	45	125	14.1666667	637.5	3.4	4.25	25%/75%	12	1.2	45	5	6	15
Civil	45	15	5	45	125	14.1666667	637.5	3.4	4.25	25%/75%	12	1.2	45	5	6	15
Mech	45	15	5	45	125	14.1666667	637.5	3.4	4.25	25%/75%	12	1.2	45	5	6	15
Chemical	45	15	5	45	125	14.1666667	637.5	3.4	4.25	25%/75%	12	1.2	45	5	6	15



# Calculation for Specific Programme (17&18)

SEM=8; Total SLT Credit=180; Hours per SLT Credit=50; Supporting=19																
Programme	Subject			Student Learning Time (SLT)						Supporting Subject/Core Subjects (%) (SLT Credit)	NSEM	F Ratio	Hour/ SLT Credit	No. of Day/ Week		No. of Week/ Semester
	Total No.of Equivalent 3-Credit Subjects		Subject/ Week/ Semester	Total SLT Credit		Average SLT Credit/ Semester	Total SLT Hours/ Semester	SLT Hour/Day (F2F)	SLT Hour/Day (Non F2F)					F2F	NF2F	
	Core Subjects	Supporting Subjects		Supporting Subjects	Core Subjects											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Input	Input	Input	Generated	Input	Input	Generated	Generated	Generated	Generated	Generated	Input	Input	Input	Input	Input	Input
EP	45	19	8	45	135	22.5	1125	5.4	8	30%/70%	8	1.2	50	5	6	15
EC	45	19	8	45	135	22.5	1125	5.4	8	30%/70%	8	1.2	50	5	6	15
Civil	45	19	8	45	135	22.5	1125	5.4	8	30%/70%	8	1.2	50	5	6	15
Mech	45	19	8	45	135	22.5	1125	5.4	8	30%/70%	8	1.2	50	5	6	15
Chemical	45	19	8	45	135	22.5	1125	5.4	8	30%/70%	8	1.2	50	5	6	15

SEM=8; Total SLT Credit=180; Hours per SLT Credit=50; Supporting=15																
Programme	Subject			Student Learning Time (SLT)						Supporting Subject/Core Subjects (%) (SLT Credit)	NSEM	F Ratio	Hour/ SLT Credit	No. of Day/ Week		No. of Week/ Semester
	Total No.of Equivalent 3-Credit Subjects		Subject/ Week/ Semester	Total SLT Credit		Average SLT Credit/ Semester	Total SLT Hours/ Semester	SLT Hour/Day (F2F)	SLT Hour/Day (Non F2F)					F2F	NF2F	
	Core Subjects	Supporting Subjects		Supporting Subjects	Core Subjects											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Input	Input	Input	Generated	Input	Input	Generated	Generated	Generated	Generated	Generated	Input	Input	Input	Input	Input	Input
EP	45	15	7.5	45	135	22.5	1125	5.4	8	25%/75%	8	1.2	50	5	6	15
EC	45	15	7.5	45	135	22.5	1125	5.4	8	25%/75%	8	1.2	50	5	6	15
Civil	45	15	7.5	45	135	22.5	1125	5.4	8	25%/75%	8	1.2	50	5	6	15
Mech	45	15	7.5	45	135	22.5	1125	5.4	8	25%/75%	8	1.2	50	5	6	15
Chemical	45	15	7.5	45	135	22.5	1125	5.4	8	25%/75%	8	1.2	50	5	6	15

# Calculation for Specific Programme (19&20)

SEM=8; Total SLT Credit=180; Hours per SLT Credit=45; Supporting=19

Programme	Subject		Student Learning Time (SLT)							Supporting Subject/Core Subjects (%) (SLT Credit)	NSEM	F Ratio	Hour/ SLT Credit	No. of Day/ Week		No. of Week/ Semester
	Total No.of Equivalent 3-Credit Subjects		Subject/ Week/ Semester	Total SLT Credit		Average SLT Credit/ Semester	Total SLT Hours/ Semester	SLT Hour/Day (F2F)	SLT Hour/Day (Non F2F)					F2F	NF2F	
	Core Subjects	Supporting Subjects		Supporting Subjects	Core Subjects											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Input	Input	Input	Generated	Input	Input	Generated	Generated	Generated	Generated	Generated	Input	Input	Input	Input	Input	Input
EP	45	19	8	45	135	22.5	1012.5	5.4	6.75	30%/70%	8	1.2	45	5	6	15
EC	45	19	8	45	135	22.5	1012.5	5.4	6.75	30%/70%	8	1.2	45	5	6	15
Civil	45	19	8	45	135	22.5	1012.5	5.4	6.75	30%/70%	8	1.2	45	5	6	15
Mech	45	19	8	45	135	22.5	1012.5	5.4	6.75	30%/70%	8	1.2	45	5	6	15
Chemical	45	19	8	45	135	22.5	1012.5	5.4	6.75	30%/70%	8	1.2	45	5	6	15

SEM=8; Total SLT Credit=180; Hours per SLT Credit=45; Supporting=15

Programme	Subject			Student Learning Time (SLT)						Supporting Subject/Core Subjects (%) (SLT Credit)	NSEM	F Ratio	Hour/ SLT Credit	No. of Day/ Week		No. of Week/ Semester
	Total No.of		Subject/ Week/ Semester	Total SLT Credit		Average SLT Credit/ Semester	Total SLT Hours/ Semester	SLT Hour/Day (F2F)	SLT Hour/Day (Non F2F)					F2F	NF2F	
	Core Subjects	Supporting Subjects		Supporting Subjects	Core Subjects											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Input	Input	Input	Generated	Input	Input	Generated	Generated	Generated	Generated	Generated	Input	Input	Input	Input	Input	Input
EP	45	15	7.5	45	135	22.5	1012.5	5.4	6.75	25%/75%	8	1.2	45	5	6	15
EC	45	15	7.5	45	135	22.5	1012.5	5.4	6.75	25%/75%	8	1.2	45	5	6	15
Civil	45	15	7.5	45	135	22.5	1012.5	5.4	6.75	25%/75%	8	1.2	45	5	6	15
Mech	45	15	7.5	45	135	22.5	1012.5	5.4	6.75	25%/75%	8	1.2	45	5	6	15
Chemical	45	15	7.5	45	135	22.5	1012.5	5.4	6.75	25%/75%	8	1.2	45	5	6	15

# Calculation for Specific Programme (21&22)

SEM=8; Total SLT Credit=170; Hours per SLT Credit=50; Supporting=19

Programme	Subject		Student Learning Time (SLT)							Supporting Subject/Core Subjects (%) (SLT Credit)	NSEM	F Ratio	Hour/ SLT Credit	No. of Day/ Week		No. of Week/ Semester
	Total No.of Equivalent 3-Credit Subjects		Subject/ Week/ Semester	Total SLT Credit		Average SLT Credit/ Semester	Total SLT Hours/ Semester	SLT Hour/Day (F2F)	SLT Hour/Day (Non F2F)					F2F	NF2F	
	Core Subjects	Supporting Subjects		Supporting Subjects	Core Subjects											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Input	Input	Input	Generated	Input	Input	Generated	Generated	Generated	Generated	Generated	Input	Input	Input	Input	Input	Input
EP	45	19	8	45	125	21.25	1062.5	5.1	7.55555556	30%/70%	8	1.2	50	5	6	15
EC	45	19	8	45	125	21.25	1062.5	5.1	7.55555556	30%/70%	8	1.2	50	5	6	15
Civil	45	19	8	45	125	21.25	1062.5	5.1	7.55555556	30%/70%	8	1.2	50	5	6	15
Mech	45	19	8	45	125	21.25	1062.5	5.1	7.55555556	30%/70%	8	1.2	50	5	6	15
Chemical	45	19	8	45	125	21.25	1062.5	5.1	7.55555556	30%/70%	8	1.2	50	5	6	15

SEM=8; Total SLT Credit=170; Hours per SLT Credit=50; Supporting=15

Programme	Subject			Student Learning Time (SLT)						Supporting Subject/Core Subjects (%) (SLT Credit)	NSEM	F Ratio	Hour/ SLT Credit	No. of Day/ Week		No. of Week/ Semester
	Total No.of Equivalent 3-Credit Subjects		Subject/ Week/ Semester	Total SLT Credit		Average SLT Credit/ Semester	Total SLT Hours/ Semester	SLT Hour/Day (F2F)	SLT Hour/Day (Non F2F)					F2F	NF2F	
	Core Subjects	Supporting Subjects		Supporting Subjects	Core Subjects											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Input	Input	Input	Generated	Input	Input	Generated	Generated	Generated	Generated	Generated	Input	Input	Input	Input	Input	Input
EP	45	15	7.5	45	125	21.25	1062.5	5.1	7.55555556	25%/75%	8	1.2	50	5	6	15
EC	45	15	7.5	45	125	21.25	1062.5	5.1	7.55555556	25%/75%	8	1.2	50	5	6	15
Civil	45	15	7.5	45	125	21.25	1062.5	5.1	7.55555556	25%/75%	8	1.2	50	5	6	15
Mech	45	15	7.5	45	125	21.25	1062.5	5.1	7.55555556	25%/75%	8	1.2	50	5	6	15
Chemical	45	15	7.5	45	125	21.25	1062.5	5.1	7.55555556	25%/75%	8	1.2	50	5	6	15

# Calculation for Specific Programme (23&24)

SEM=8; Total SLT Credit=170; Hours per SLT Credit=45; Supporting=19

Programme	Subject		Student Learning Time (SLT)							Supporting Subject/Core Subjects (%) (SLT Credit)	NSEM	F Ratio	Hour/ SLT Credit	No. of Day/ Week		No. of Week/ Semester
	Total No.of Equivalent 3-Credit Subjects		Subject/ Week/ Semester	Total SLT Credit		Average SLT Credit/ Semester	Total SLT Hours/ Semester	SLT Hour/Day (F2F)	SLT Hour/Day (Non F2F)					F2F	NF2F	
	Core Subjects	Supporting Subjects		Supporting Subjects	Core Subjects											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Input	Input	Input	Generated	Input	Input	Generated	Generated	Generated	Generated	Generated	Input	Input	Input	Input	Input	Input
EP	45	19	8	45	125	21.25	956.25	5.1	6.375	30%/70%	8	1.2	45	5	6	15
EC	45	19	8	45	125	21.25	956.25	5.1	6.375	30%/70%	8	1.2	45	5	6	15
Civil	45	19	8	45	125	21.25	956.25	5.1	6.375	30%/70%	8	1.2	45	5	6	15
Mech	45	19	8	45	125	21.25	956.25	5.1	6.375	30%/70%	8	1.2	45	5	6	15
Chemical	45	19	8	45	125	21.25	956.25	5.1	6.375	30%/70%	8	1.2	45	5	6	15

SEM=8; Total SLT Credit=170; Hours per SLT Credit=45; Supporting=15

Programme	Subject			Student Learning Time (SLT)						Supporting Subject/Core Subjects (%) (SLT Credit)	NSEM	F Ratio	Hour/ SLT Credit	No. of Day/ Week		No. of Week/ Semester
	Total No.of		Subject/ Week/ Semester	Total SLT Credit		Average SLT Credit/ Semester	Total SLT Hours/ Semester	SLT Hour/Day (F2F)	SLT Hour/Day (Non F2F)					F2F	NF2F	
	Core Subjects	Supporting Subjects		Supporting Subjects	Core Subjects											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Input	Input	Input	Generated	Input	Input	Generated	Generated	Generated	Generated	Generated	Input	Input	Input	Input	Input	Input
EP	45	15	7.5	45	125	21.25	956.25	5.1	6.375	25%/75%	8	1.2	45	5	6	15
EC	45	15	7.5	45	125	21.25	956.25	5.1	6.375	25%/75%	8	1.2	45	5	6	15
Civil	45	15	7.5	45	125	21.25	956.25	5.1	6.375	25%/75%	8	1.2	45	5	6	15
Mech	45	15	7.5	45	125	21.25	956.25	5.1	6.375	25%/75%	8	1.2	45	5	6	15
Chemical	45	15	7.5	45	125	21.25	956.25	5.1	6.375	25%/75%	8	1.2	45	5	6	15



**Government of the Republic of the Union of Myanmar**  
**Myanmar Engineering Council**  
**Engineering Education Accreditation Committee**  
**24 Combinations and Results**

Sr No	Semester	Total SLT	Hours/SLT	Core%/Supporting%	RESULTS Hours/Day		
					F2F	NF2F	TOTAL
1	12	180	50	70%/30%	3.6	5.33	8.93
2	12	180	50	75%/25%	3.6	5.33	8.93
3	12	180	45	70%/30%	3.6	4.5	8.1
4	12	180	45	75%/25%	3.6	4.5	8.1
5	12	170	50	70%/30%	3.4	5.04	8.44
6	12	170	50	75%/25%	3.4	5.04	8.44
7	12	170	45	70%/30%	3.4	4.25	7.65
8	12	170	45	75%/25%	3.4	4.25	7.65
9	10	180	50	70%/30%	4.32	6.4	10.72
10	10	180	50	75%/25%	4.32	6.4	10.72
11	10	180	45	70%/30%	4.32	5.4	9.72
12	10	180	45	75%/25%	4.32	5.4	9.72
13	10	170	50	70%/30%	4.08	6.04	10.12
14	10	170	50	75%/25%	4.08	6.04	10.12
15	10	170	45	70%/30%	4.08	5.1	9.18
16	10	170	45	75%/25%	4.08	5.1	9.18
17	8	180	50	70%/30%	5.4	8	13.4
18	8	180	50	75%/25%	5.4	8	13.4
19	8	180	45	70%/30%	5.4	6.75	12.15
20	8	180	45	75%/25%	5.4	6.75	12.15
21	8	170	50	70%/30%	5.1	7.56	12.66
22	8	170	50	75%/25%	5.1	7.56	12.66
23	8	170	45	70%/30%	5.1	6.38	11.48
24	8	170	45	75%/25%	5.1	6.38	11.48





# ဆွေးနွေးရန်အချက်များ

- လက်ရှိ Curriculum နှင့် Syllabus များအပေါ်တွင် အခြေခံ၍ တွက်ချက်ထားသည့် ရလဒ်များအရ ကျောင်းသား/ကျောင်းသူများသည် Overloading ဖြစ်နေမှု တွေ့ရှိရခြင်း
- တွက်ချက်ရန်အတွက် Variable-Inputs များနှင့် Generated တန်ဖိုးများကို တိကျစွာသတ်မှတ်ထားသည့်အတွက် မှန်ကန်သော ရလဒ်များရရှိမှု တွေ့ရှိရခြင်း
- အနာဂတ်အတွက် တွက်ချက်မှုမှ ရရှိလာသည့် ရလဒ် (၂၄) ခုပါ အနှစ်ချုပ် ဇယားအရ မည်သည့် အခြေအနေဖြင့် တိကျစွာသတ်မှတ်ပါက ကျောင်းသား/ကျောင်းသူများ အတွက် Overloading ဖြစ်ပေါ်လာခြင်းများအတွက် ရှောင်ရှားနိုင်မည့်အခြေအနေကို လွယ်ကူစွာ တွေ့ရှိရခြင်း



Thank You Very  
Much!