

STATE COUNCIL FOR TECHNICAL EDUCATION (SCTE)

Department of Technical Education: Nagaland: Kohima

NO.DTE.EXAM/49/2008-09; dt: 08-03-2013

Program Structure/Sample Path for Diploma in Computer Science & Engineering (CSE)

w.e.f. 2009 -

Semester -I

Sl. No.	Course Code	Name of Course	TeachingScheme				Credit	Examination Scheme				Total
			Pre-req.	L	T	P		Theory		Practical		
								ET	PA	ET	PA	
1	G1 01	Communication Skills-I		3	-	2	5	75	25	-	25	125
2	G1 02	Value and Ethics in Technical Education		-	1	1	2	-	-	25	25	50
3	G1 03	Engineering Mathematics-I		4	1	-	5	75	25	-	-	100
4	G1 04	Aplied Physics		3	-	2	5	75	25	25	25	150
5	G1 05	Aplied Chemistry		3	-	2	5	75	25	25	25	150
6	G2 02	Computer Fundamentals & Applications		2	-	4	6	75	25	25	25	150
Total							28					725

Semester -II

Sl. No.	Course Code	Name of Course	TeachingScheme				Credit	Examination Scheme				Total
			Pre-req.	L	T	P		Theory		Practical		
								ET	PA	ET	PA	
1	G2 01	Communication Skills-II	G101	3	1	-	4	75	25	-	-	100
2	G2 03	Engineering Drawing		2	-	6	8	75	25	25	25	150
3	G2 07	Engineering Mathematics-II	G104	4	1	-	5	75	25	-	-	100
4	CSE2 01 CPE2 01 IT2 01	Fundamentals of Electrical & Electronics	G105	3	-	2	5	75	25	50	25	175
5	CSE2 02 CPE2 02	Computer Center Management	G202	3	1	-	4	100	25	-	-	125
6	CSE4 06 CPE4 06 IT4 07	Programming in C	G202	2	-	3	5	75	25	50	25	175
Total							31					825

Semester -III

Sl. No.	Course Code	Name of Course	TeachingScheme				Credit	Examination Scheme				Total
			Pre-req.	L	T	P		Theory		Practical		
								ET	PA	ET	PA	
1	G3 03	Engineering Economics		3	2	-	5	75	25	-	-	100
2	CSE4 02 CPE4 02 IT4 03	Electronics Workshop	CSE201	1	-	3	4	-	-	100	25	125
3	CSE4 03 CPE4 03 IT4 04	Data Structure	CSE406	3	1	2	6	75	25	50	25	175
4	CSE4 05 CPE4 05 IT4 02	Operating System	G202	4	1	-	5	100	25	-	-	125
5	CSE4 07 CPE4 07 IT4 09	NetworkEssentials	G202	3	2	1	6	100	50	25	-	175
6	CSE5 05 CPE5 05 IT5 02	Object Oriented Programming in C++	CSE406	2	1	3	6	75	25	50	25	175
Total		6					32					875

Semester -IV

Sl. No.	Course Code	Name of Course	TeachingScheme				Credit	Examination Scheme				Total
			Pre-req.	L	T	P		Theory		Practical		
								ET	PA	ET	PA	
1	G 304	Marketing Management	-	3	2	-	5	75	25			100
2	CSE4 04 CPE4 04 IT4 06	Computer Architechture	G202	3	1	2	6	100	25	50	-	175
3	CSE4 08 CPE4 08	Database Management System	G202	4	1	2	7	100	25	25	25	175
4	CSE5 02 CPE5 02 IT5 03	Linux O.S.	CSE405	3	-	2	5	100	-	50	25	175
5	CSE5 07 CPE5 07	Multimedia Technology & Application	G202	3	-	3	6	75	25	50	25	175
6	CSE5 08 CPE5 08 IT5 06	Programing in Visual Basic	CSE505	3	1	2	6	75	25	50	25	175
Total		6					35					975

Semester -V

Sl. No.	Course Code	Name of Course	TeachingScheme				Credit	Examination Scheme				Total
			Pre-req.	L	T	P		Theory		Practical		
								ET	PA	ET	PA	
1	CSE4 01 CPE4 01	Software Engineering	G202	3	1	-	4	100	25	-	-	125
2	CSE5 01	MP & Programming	-	3	1	2	6	100	25	25	25	175
3	CSE5 03 CPE5 03 IT5 05	Client Server Applications	CSE408	3	1	2	6	75	25	50	25	175
4	CSE5 04	System Software	-	3	1	2	6	75	25	25	-	125
5	CSE5 06 CPE5 06	Web Page Design	CSE507	2	1	3	6	75	25	50	25	175
Total		5					28					775

Semester -VI

Sl. No.	Course Code	Name of Course	TeachingScheme				Credit	Examination Scheme				Total
			Pre-req.	L	T	P		Theory		Practical		
								ET	PA	ET	PA	
1	G5 01	Entrepreneurship Development	-	4	2	-	6	75	25	-		100
2	CSE5 09	Project	-	2	-	8	10	-	-	150	50	200
Networking Technology												
3	CSE6 01N CPE6 01N IT 6 01N	Computer Networks	#	4	2	1	7	100	25	25	25	175
4	CSE6 02N CPE6 02N IT6 02N	Network Installation & Management	#	4	-	2	6	100	-	50	25	175
5	CSE6 03N CPE6 03N IT6 03N	Wireless and Mobile communication	#	4	2	1	7	100	50	-	25	175
6	IBT 01	Industrial Training of six week duration	#				10	-	-	100	100	200
Total		6					46					1025

To be given in the last semester only

Total Subjects : 34+1 = 35

Total Credits : 190+10 = 200

Total Marks : 5000+200 = 5200