

NATIONAL INSTITUTE OF TECHNOLOGY SIKKIM
Ravangla Campus
Barfung Block, Ravangla Sub Division, South Sikkim-737139
Department of Civil Engineering
(Effective from 2017 Admitted Batch onwards)

Second Year

Semester	Subject Code	L-T-P	Subject Name	Credit	Class hr
3rd Semester	MA13101	3-1-0	Mathematics III	4	4
	CE13101	3-0-0	Mechanics of Solids	3	3
	CE13102	3-0-0	Fluid Mechanics with Applications	3	3
	CE13103	3-0-0	Concrete Technology	3	3
	CE13104	3-0-0	Surveying - I	3	3
	CE13201	0-0-3	Surveying Practice - I	2	3
	CE13202	0-0-3	Strength of Material Lab	2	3
			Total	20	22

Semester	Subject Code	L-T-P	Subject Name	Credit	Class hr
4th Semester	MA14101	3-1-0	Mathematics IV	4	4
	CE14101	3-1-0	Structural Analysis – I	4	4
	CE14102	3-0-0	Water Resources Engineering – I	3	3
	CE14103	3-0-0	Surveying - II	3	3
	CE14104	3-0-0	Transportation Engineering – I	3	3
	CE14105	3-0-0	Geotechnical Engineering - I	3	3
	CE14201	0-0-3	Concrete Technology Lab	2	3
	CE14202	0-0-3	Surveying Practice - II	2	3
			Total	24	25

Third Year

Semester	Subject Code	L-T-P	Subject Name	Credit	Class hr
5th Semester	CE15101	3-1-0	Structural Analysis – II	4	4
	CE15102	3-0-0	Structural Design - I	3	3
	CE15103	3-1-0	Geotechnical Engineering - II	4	4
	CE15104	3-1-0	Transportation Engineering - II	4	4
	CE15105	3-0-0	Environmental Engineering – I	3	3
	CE15201	0-0-3	Geotechnical Engineering Lab	2	3
	CE15202	0-0-3	Transportation Engineering Lab	2	3
	CE15203	0-1-3	CE Planning, Estimation and Drawing	3	4
				Total	25

Semester	Subject Code	L-T-P	Subject Name	Credit	Class hr
6th Semester	CE16101	3-1-0	Structural Analysis – III	4	4
	CE16102	3-1-0	Structural Design – II	4	4
	CE16103	3-1-0	Environmental Engineering – II	4	4
	CE16104	3-1-0	Water Resources Engineering - II	4	4
	HS16105	2-0-0	Professional Communication	2	2
	CE16201	0-0-3	Water Resources Engineering Lab	2	3
	CE16202	0-0-3	Environmental Engineering Lab	2	3
	CE16203	0-0-3	Fluid Mechanics Lab	2	3
				Total	24

Fourth Year

Semester	Subject Code	L-T-P	Subject Name	Credit	Class hr
7th Semester	CE1730X	3-0-0	Elective – I	3	3
	CE1730X	3-0-0	Elective – II	3	3
	CE1730X	3-0-0	Elective – III	3	3
	CE1730X	3-0-0	Elective – IV (CE/Open)	3	3
	HS17101	2-0-0	Principles of Management and Entrepreneurship	2	2
	CE17201	0-2-3	Computer Applications in Civil Engg	4	5
	CE17401	0-0-3	Project (Part – I) and Seminar	2	3
			Total	20	23

Semester	Subject Code	L-T-P	Subject Name	Credit	Class hr
8th Semester	CE18101	3-1-0	Construction Technology and Project Management	4	4
	HS18101	2-0-0	Engineering economics	2	2
	CE18401	0-0-16	Project (Part – II) and Seminar	8	16
	CE18402		Final Viva-voce	1	
			Total	15	22