

SEMESTER I

Subject Name	Subject Type	Subject Code	Subject Credit
MATHEMATICS - I	Open	1BS121	4
PHYSICS	Open	1BS123	4
ELEMENTS OF MECHANICAL ENGINEERING	Open	1ES113	3
MECHANICAL WORKSHOP	Open	1ES115	2
ENGINEERING MECHANICS	Open	1ES202	4
COMMUNICATIVE ENGLISH-1	Open	1HS121	4
CHEMISTRY-I	Open	1BS124	3

SEMESTER II

Subject Name	Subject Type	Subject Code	Subject Credit
COMMUNICATIVE ENGLISH-II	Open	1HS221	1
MATHEMATICS-II	Open	1BS221	4
OPEN SOURCE TECHNOLOGY	Open	1ES105	2
ENGINEERING DRAWING	Open	1ES114	4
CHEMICAL ENGINEERING MATERIALS	Core	1ES201	4
CHEMISTRY - II	Open	1BS222	6

SEMESTER III

Subject Name	Subject Type	Subject Code	Subject Credit
Petrochemical Technology	Core	1PCT2301	6
General Chemical Technology-I	Core	1PCT2302	5
Heat transfer Operation	Core	1PCT2303	4
Electrical & Electronics Engineering	Core	1PCT2304	4
Environmental Studies	Open	1PCT2305	2

SEMESTER IV

Subject Name	Subject Type	Subject Code	Subject Credit
Petroleum Refining Engineering	Core	1PCT2401	6
Natural Gas Processing	Core	1PCT2402	4
Drilling Engineering	Core	1PCT2403	5
General Chemical Technology-II	Core	1PCT2404	5
Fluid Flow Operation	Core	1PCT2405	4
Summer Internship	Open	1PCT2406	0

SEMESTER V

Subject Name	Subject Type	Subject Code	Subject Credit
Fertilizer Technology	Core	1PCT2501	4
Pipeline Engineering	Core	1PCT2502	3
Stoichiometry	Core	1PCT2503	4
Chemical Reaction Engineering & Kinetics	Core	1PCT2504	6
Health Environment & Safety	Core	1PCT2505	4

SEMESTER VI

Subject Name	Subject Type	Subject Code	Subject Credit
LNG Value Chain	Core	1PCT2601	3
Polymer Technology & Processing	Core	1PCT2602	5
Process Instrumentation & Control	Core	1PCT2603	4
Chemical Engineering Thermodynamics	Core	1PCT2604	6
Entrepreneurship development and Management	Open	1PCT2605	3