

**List of Mechanical Charts for GEM**

<b>STEAM SECTION</b>				
<b>No.</b>	<b>Name of charts</b>	<b>Code name</b>	<b>GEM PRODUCT CODE</b>	<b>GEM Link</b>
1	Babcock and Wilcox Boiler	S-1	5116877-67849430313	<a href="#">Link</a>
2	Loeffler Boiler	S-2	5116877-7842183188	<a href="#">Link</a>
3	Velox Boiler	S-3	5116877-11264036404	<a href="#">Link</a>
4	Green's Economiser	S-4	5116877-85356290195	<a href="#">Link</a>
5	Jet Condensers	S-5	5116877-68735401826	<a href="#">Link</a>
6	Surface Condensers	S-6	5116877-9360312	<a href="#">Link</a>
7	Separating Calorimeter	S-7	5116877-81714743252	<a href="#">Link</a>
8	Throttling Calorimeter	S-8	5116877-91203427128	<a href="#">Link</a>
9	Combined separating and throttling calorimeter	S-9	5116877-69992358877	<a href="#">Link</a>
10	Mollier Diagram	S-10	5116877-34794734030	<a href="#">Link</a>
11	Steam Turbines (Impulse)	S-11	5116877-85627543118	<a href="#">Link</a>
12	Steam Turbines (Reaction)	S-12	5116877-24322654059	<a href="#">Link</a>
13	Ramsbottom Safety Valve	S-13	5116877-49570738107	<a href="#">Link</a>
14	Lancashire Boiler	S-14	5116877-16233476621	<a href="#">Link</a>

<b>METALLURGY</b>				
<b>No.</b>	<b>Name of charts</b>	<b>Code name</b>	<b>GEM PRODUCT CODE</b>	<b>GEM Link</b>
1	Steels, their structures, and Applications	Met.-1	5116877-112474903	<a href="#">Link</a>
2	Metallurgical Microscope	Met.-2	5116877-64669431913	<a href="#">Link</a>
3	Grain Size	Met.-3	5116877-95258394706	<a href="#">Link</a>
4	T - T - T Diagram	Met.-4	5116877-65482372818	<a href="#">Link</a>
5	Common Crystal Structures	Met.-5	5116877-58406943842	<a href="#">Link</a>
6	comparison of optical & electron microscope	Met.-6	5116877-9997222320	<a href="#">Link</a>
7	Hardness tests	Met.-7	5116877-10826814796	<a href="#">Link</a>
8	Drawing of UTM- machine & samples	Met.-8	5116877-69715719231	<a href="#">Link</a>
9	Drawing of torsion testing machine	Met.-9	5116877-35221388323	<a href="#">Link</a>
10	drawing of indentation process in hardness	Met.-10	5116877-34840407153	<a href="#">Link</a>
11	Radiography	Met.-11	5116877-86206602566	<a href="#">Link</a>
12	Iron - carbide equilibrium diagram	Met.-12	5116877-82876308802	<a href="#">Link</a>
13	Cooling curve for a pure iron	Met.-13	5116877-83238905009	<a href="#">Link</a>
14	Fatigue testing	Met.-14	5116877-10825851374	<a href="#">Link</a>
15	Impact testing	Met.-15	5116877-11306462492	<a href="#">Link</a>
16	Iron carbon diagram	Met.-16	5116877-57150985548	<a href="#">Link</a>
17	Non destructive tests	Met.-17	5116877-12607405685	<a href="#">Link</a>

<b>METROLOGY</b>				
<b>No.</b>	<b>Name of charts</b>	<b>Code name</b>	<b>GEM PRODUCT CODE</b>	<b>GEM Link</b>
1	Vernier caliper	M-1	5116877-33101438915	<a href="#">Link</a>
2	Vernier depth gauge / height gauge	M-2	5116877-7445585137	<a href="#">Link</a>
3	External micrometer	M-3	5116877-88179483102	<a href="#">Link</a>
4	Depth micrometer / inside micrometer	M-4	5116877-91025060244	<a href="#">Link</a>
5	Limit gauges	M-5	5116877-81970870023	<a href="#">Link</a>
6	Engineering fits	M-6	5116877-92420460159	<a href="#">Link</a>

7	Thread measurement	M-7	5116877-7382951806	<a href="#">Link</a>
8	Gear tooth vernier caliper	M-8	5116877-7807413252	<a href="#">Link</a>
9	Tool maker's microscope	M-9	5116877-77034810726	<a href="#">Link</a>
10	Use of a vernier caliper	M-10	5116877-5632127744	<a href="#">Link</a>
11	Working of a micrometer	M-11	5116877-88155631398	<a href="#">Link</a>
12	fifferent types of fits	M-12	5116877-20614543820	<a href="#">Link</a>
13	Vernier caliper & types of vernier caliper	M-13	5116877-81645394018	<a href="#">Link</a>
14	surface roughness measurment	M-14	5116877-94877297417	<a href="#">Link</a>
15	slip gauges	M-15	5116877-79586631759	<a href="#">Link</a>
16	Gear tooth measurement	M-16	5116877-62707885049	<a href="#">Link</a>
17	Thread gauges	M-17	5116877-87641618316	<a href="#">Link</a>
18	Types of bevel protector	M-18	5116877-46020214617	<a href="#">Link</a>
19	Limit gauges- plug snap gauges	M-19	5116877-25517937509	<a href="#">Link</a>
20	Gauges - types of gauges	M-20	5116877-22851444513	<a href="#">Link</a>
21	Pneumatic comparator	M-21	5116877-11109390984	<a href="#">Link</a>
22	Geometric dimensioning	M-22	5116877-15333412745	<a href="#">Link</a>
23	Surface finish symbols	M-23	5116877-19461646319	<a href="#">Link</a>
24	Limits , fits & tolerances	M-24	5116877-74069273770	<a href="#">Link</a>
25	Mechanical bevel protector	M-25	5116877-22650644344	<a href="#">Link</a>
26	Optical bevel protector	M-26	5116877-53980512891	<a href="#">Link</a>
27	Uses of sine bar	M-27	5116877-10600853750	<a href="#">Link</a>
28	Priciple of auto collimator	M-28	5116877-62566602712	<a href="#">Link</a>
29	Surface finish / welding symbols	M-29	5116877-95907706826	<a href="#">Link</a>

#### REFRIGERATION

No.	Name of charts	Code name	GEM PRODUCT CODE	GEM Link
1	Vapour compression refrigeration cycle	R-1	5116877-12721504121	<a href="#">Link</a>
2	Vapour absorption refrigeration cycle	R-2	5116877-15423748666	<a href="#">Link</a>
3	Window air conditioner	R-3	5116877-75272948514	<a href="#">Link</a>
4	General Layout of ice factory	R-4	5116877-67477822487	<a href="#">Link</a>
5	Ref. and air cond. Cont. - I	R-5	5116877-74701347786	<a href="#">Link</a>
6	Ref. and air cond. Cont. - II	R-6	5116877-98118885905	<a href="#">Link</a>
7	Domestic refrigerator	R-7	5116877-89081184568	<a href="#">Link</a>
8	Water cooler	R-8	5116877-37765254026	<a href="#">Link</a>
9	Hermetically sealed compressor	R-9	5116877-14745053179	<a href="#">Link</a>
10	Different types of refrigeration cycles - I	R-10	5116877-79323590136	<a href="#">Link</a>
11	Different types of refrigeration cycles - II	R-11	5116877-82471741480	<a href="#">Link</a>
12	Basic vapour compression refrigeration system	R-12	5116877-94996607484	<a href="#">Link</a>
13	Psychometric chart	R-13	5116877-76976828744	<a href="#">Link</a>
14	Refrigerant condition in A. C. Unit	R-14	5116877-40208513835	<a href="#">Link</a>
15	Types of compressor in RAC	R-15	5116877-97659302370	<a href="#">Link</a>
16	Constant pressure expansion valve	R-16	5116877-64984720069	<a href="#">Link</a>
17	Central air conditioning system	R-17	5116877-17198015156	<a href="#">Link</a>

#### SMITHY

No.	Name of charts	Code name	GEM PRODUCT CODE	GEM Link
1	Smith's hearth / smith's anvil / swage block	SM-1	5116877-6486867895	<a href="#">Link</a>
2	Blacksmith's hammers	SM-2	5116877-37645538505	<a href="#">Link</a>
3	Blacksmith's tongs	SM-3	5116877-51531877791	<a href="#">Link</a>
4	Blacksmith's swages	SM-4	5116877-20404020847	<a href="#">Link</a>

5	Blacksmith's chisels	SM-5	5116877-83832230699	<a href="#">Link</a>
6	Blacksmith's fullers	SM-6	5116877-62048547044	<a href="#">Link</a>
7	Flatter and set hammer	SM-7	5116877-16137182106	<a href="#">Link</a>
8	Punches and drifting	SM-8	5116877-75010955810	<a href="#">Link</a>
9	Blacksmith's welds	SM-9	5116877-88624487506	<a href="#">Link</a>
10	Hand forging operations	SM-10	5116877-23973504191	<a href="#">Link</a>
11	Hand tools used in smithy	SM-11	5116877-46724334579	<a href="#">Link</a>
12	Forging tools	SM-12	5116877-20213803765	<a href="#">Link</a>
13	Forging equipment and operations	SM-13	5116877-51681279545	<a href="#">Link</a>

AUTO - ENGINEERING				
No.	Name of charts	Code name	GEM PRODUCT CODE	GEM Link
1	Two stroke operation	AE-1	5116877-54351080237	<a href="#">Link</a>
2	Four steoke cycle	AE-2	5116877-79193661400	<a href="#">Link</a>
3	Single cylinder engine	AE-3	5116877-71843606966	<a href="#">Link</a>
4	Four stroke petrol engine	AE-4	5116877-85047896852	<a href="#">Link</a>
5	Four stroke diesel engine	AE-5	5116877-38798984117	<a href="#">Link</a>
6	Coil system of ignition	AE-6	5116877-16996506659	<a href="#">Link</a>
7	Electronic ignition system	AE-7	5116877-20137880299	<a href="#">Link</a>
8	Spark plugs	AE-8	5116877-50742262049	<a href="#">Link</a>
9	Layout of simple fuel injection system	AE-9	5116877-87815559273	<a href="#">Link</a>
10	In-line plunger type fuel injection pump	AE-10	5116877-2730752278	<a href="#">Link</a>
11	Rotary distributor type fuel injection pump	AE-11	5116877-33055479245	<a href="#">Link</a>
12	Mechanical petrol pump / Electrical petrol pump	AE-12	5116877-86594384341	<a href="#">Link</a>
13	Piston and piston rings	AE-13	5116877-71051243737	<a href="#">Link</a>
14	Types of fuel filters	AE-14	5116877-73422460435	<a href="#">Link</a>
15	Full pressure engine lubricating system	AE-15	5116877-78270509853	<a href="#">Link</a>
16	Circulating splash lubricating system	AE-16	5116877-40960563718	<a href="#">Link</a>
17	Engine cooling system	AE-17	5116877-62155258486	<a href="#">Link</a>
18	Starter motor	AE-18	5116877-89089410858	<a href="#">Link</a>
19	Constant mesh gear box	AE-19	5116877-1223684246	<a href="#">Link</a>
20	Four speed sliding mesh gear box	AE-20	5116877-48081230308	<a href="#">Link</a>
21	Synchromesh gear box	AE-21	5116877-62987902425	<a href="#">Link</a>
22	Action of differential	AE-22	5116877-96183769342	<a href="#">Link</a>
23	Single plate clutch	AE-23	5116877-76549802477	<a href="#">Link</a>
24	Hydraulic brake system	AE-24	5116877-55965299774	<a href="#">Link</a>
25	Wankel engine	AE-25	5116877-24501037377	<a href="#">Link</a>
26	The car	AE-26	5116877-20656051478	<a href="#">Link</a>
27	Lubricating oils	AE-27	5116877-959236639	<a href="#">Link</a>
28	Gear puller	AE-28	5116877-62476002526	<a href="#">Link</a>
29	Disc brake system	AE-29	5116877-6716430459	<a href="#">Link</a>
30	Two stroke petrol engine port timing diagram	AE-30	5116877-61497938605	<a href="#">Link</a>
31	Two stroke diesel engine port timing diagram	AE-31	5116877-77941926458	<a href="#">Link</a>
32	Components of a chasis	AE-32	5116877-21511195118	<a href="#">Link</a>
33	Valve operations in automobile engine	AE-33	5116877-79941925569	<a href="#">Link</a>
34	Joints in the automobile system	AE-34	5116877-74425980280	<a href="#">Link</a>
35	Four stroke diesel engine valve timing diagrams	AE-35	5116877-70299236387	<a href="#">Link</a>
36	Types of auto engines	AE-36	5116877-27016791699	<a href="#">Link</a>
37	Various types of engines	AE-37	5116877-25928546280	<a href="#">Link</a>
38	Four stroke operation	AE-38	5116877-76064762326	<a href="#">Link</a>

39	Manual transmission	AE-39	5116877-79500358544	<a href="#">Link</a>
40	Automotive electrical wiring diagram - diesel engine	AE-40	5116877-85628789535	<a href="#">Link</a>
41	Exhaust system	AE-41	5116877-5393492174	<a href="#">Link</a>
42	Automobile electric circuits	AE-42	5116877-67024757737	<a href="#">Link</a>
43	Automotive lightening system	AE-43	5116877-73604011851	<a href="#">Link</a>
44	Auto electrical symbols	AE-44	5116877-77560819369	<a href="#">Link</a>
45	Power transmission line layout	AE-45	5116877-52983849336	<a href="#">Link</a>
46	Automatic transmission	AE-46	5116877-20512625925	<a href="#">Link</a>
47	Differential & rear axle	AE-47	5116877-73373983979	<a href="#">Link</a>
48	Transmission assembly	AE-48	5116877-67500477183	<a href="#">Link</a>
49	Catalytic converter	AE-49	5116877-47239870443	<a href="#">Link</a>
50	Flash and fire point apparatus	AE-50	5116877-73400225255	<a href="#">Link</a>
51	Suspension system	AE-51	5116877-64035933519	<a href="#">Link</a>
52	Braking system	AE-52	5116877-709067230	<a href="#">Link</a>
53	Steering system	AE-53	5116877-13596943126	<a href="#">Link</a>
54	Power operated brakes	AE-54	5116877-17355768072	<a href="#">Link</a>
55	Layout of complete brake system on an automobile	AE-55	5116877-33058034046	<a href="#">Link</a>
56	Spark ignition engine	AE-56	5116877-75700969031	<a href="#">Link</a>
57	Fuel injection system - Mechanical	AE-57	5116877-74302891773	<a href="#">Link</a>
58	Fuel injection system -Electronic	AE-58	5116877-28352899487	<a href="#">Link</a>
59	Types of injection	AE-59	5116877-17082401658	<a href="#">Link</a>
60	Combustion in C. I. engine	AE-60	5116877-35384900395	<a href="#">Link</a>
61	Combustion in S. I. engine	AE-61	5116877-69617969853	<a href="#">Link</a>
62	Components of an automobile system	AE-62	5116877-32942343752	<a href="#">Link</a>
63	Clutches and assembly	AE-63	5116877-32387740040	<a href="#">Link</a>
64	diaphragm spring clutch	AE-64	5116877-9687064038	<a href="#">Link</a>
65	different types of carburettors	AE-65	5116877-6112174966	<a href="#">Link</a>
66	parts of aircraft engine	AE-66	5116877-57561272483	<a href="#">Link</a>
67	fuel system for turbo-jet engine	AE-67	5116877-13357998064	<a href="#">Link</a>
68	working cycle of a turbo-jet engine	AE-68	5116877-48815451053	<a href="#">Link</a>
69	working of car compressor	AE-69	5116877-46867846638	<a href="#">Link</a>
70	wheel alignment	AE-70	5116877-64855223148	<a href="#">Link</a>

WELDING				
No.	Name of charts	Code name	GEM PRODUCT CODE	GEM Link
1	Electric rresistance welding	W-1	5116877-4489182208	<a href="#">Link</a>
2	Spot welding	W-2	5116877-52471467321	<a href="#">Link</a>
3	Seam welding	W-3	5116877-51569366241	<a href="#">Link</a>
4	Flash welding, Projection welding, Percussion welding	W-4	5116877-18124801339	<a href="#">Link</a>
5	Electroslag welding	W-5	5116877-91512147048	<a href="#">Link</a>
6	Oxy - Acetylene torch	W-6	5116877-29007172870	<a href="#">Link</a>
7	Welding torches	W-7	5116877-67535818335	<a href="#">Link</a>
8	Gas flames	W-8	5116877-73004284634	<a href="#">Link</a>
9	Electric arc welding	W-9	5116877-94475680271	<a href="#">Link</a>
10	Submerged arc welding	W-10	5116877-18111529603	<a href="#">Link</a>
11	Atomic hydrogen welding	W-11	5116877-46417391615	<a href="#">Link</a>
12	Electron beam welding / laser beam welding	W-12	5116877-94798930343	<a href="#">Link</a>
13	Thermit welding	W-13	5116877-98535020600	<a href="#">Link</a>
14	TIG welding	W-14	5116877-96285627094	<a href="#">Link</a>

15	MIG welding	W-15	5116877-73613511840	<a href="#">Link</a>
16	Weld symbols - I	W-16	5116877-76181705724	<a href="#">Link</a>
17	Weld symbols - II	W-17	5116877-94107152081	<a href="#">Link</a>
18	Welded joints	W-18	5116877-53318239071	<a href="#">Link</a>
19	Arc welding equipments	W-19	5116877-69496494815	<a href="#">Link</a>
20	Gas welding	W-20	5116877-48055249783	<a href="#">Link</a>
21	Electric resistance welding	W-21	5116877-11450461469	<a href="#">Link</a>
22	Different types of welding	W-22	5116877-52798832408	<a href="#">Link</a>
23	Oxy - Acetylene welding	W-23	5116877-89234319217	<a href="#">Link</a>
24	Laser beam welding	W-24	5116877-86653590769	<a href="#">Link</a>
25	Types of flames	W-25	5116877-15218054716	<a href="#">Link</a>
26	Hand tools used in welding	W-26	5116877-54557884530	<a href="#">Link</a>
27	Tig & Mig welding	W-27	5116877-36225715924	<a href="#">Link</a>
28	Safety in welding	W-28	5116877-14299997782	<a href="#">Link</a>
29	Types of welded joints	W-29	5116877-34965888812	<a href="#">Link</a>
30	Defects in welding	W-30	5116877-24423726016	<a href="#">Link</a>
31	Resistance welding controls	W-31	5116877-66318947562	<a href="#">Link</a>

ENGINEERING DRAWING				
No.	Name of charts	Code name	GEM PRODUCT CODE	GEM Link
1	Conventional representation of lines / materials	ED-1	5116877-87735750812	<a href="#">Link</a>
2	Methods of projection	ED-2	5116877-59547951420	<a href="#">Link</a>
3	Dimensioning - I	ED-3	5116877-70008232683	<a href="#">Link</a>
4	Dimensioning - II	ED-4	5116877-19714702613	<a href="#">Link</a>
5	Orthographic projection - I	ED-5	5116877-51715035873	<a href="#">Link</a>
5A	Types of pictorial projection	ED-5A	5116877-71776428508	<a href="#">Link</a>
6	Orthographic projection - II	ED-6	5116877-277331334	<a href="#">Link</a>
6A	Orthographic projection - II	ED-6A	5116877-8419044798	<a href="#">Link</a>
6B	1st angle and 3rd angle proje.	ED-6B	5116877-94700836136	<a href="#">Link</a>
7	Section planes	ED-7	5116877-50108417892	<a href="#">Link</a>
8	Rivets and riveted joints	ED-8	5116877-26822585619	<a href="#">Link</a>
9	Main thread forms	ED-9	5116877-99579393748	<a href="#">Link</a>
10	Types of Gears	ED-10	5116877-17964851338	<a href="#">Link</a>
11	Couplings - I	ED-11	5116877-49529181324	<a href="#">Link</a>
12	Couplings - II	ED-12	5116877-14717273684	<a href="#">Link</a>
13	Knuckle joint	ED-13	5116877-7909334420	<a href="#">Link</a>
14	Types of key	ED-14	5116877-28533467993	<a href="#">Link</a>
15	Pulleys - I	ED-15	5116877-16100222770	<a href="#">Link</a>
16	Pulleys - II	ED-16	5116877-72428322653	<a href="#">Link</a>
17	Bearings	ED-17	5116877-737846	<a href="#">Link</a>
18	Bolts and washers	ED-18	5116877-9819878824	<a href="#">Link</a>
19	Types of Nut	ED-19	5116877-70923134505	<a href="#">Link</a>
20	Types of screw	ED-20	5116877-78150723081	<a href="#">Link</a>
21	Intersection of two prisms	ED-21	5116877-5868924955	<a href="#">Link</a>
22	Intersection of a prism and a cone	ED-22	5116877-73061591807	<a href="#">Link</a>
23	Development of surfaces of solids	ED-23	5116877-12111915493	<a href="#">Link</a>
24	Ramsbottom safety valve (Assembly)	ED-24	5116877-71201427711	<a href="#">Link</a>
25	Assembly of electric	ED-25	5116877-69434868831	<a href="#">Link</a>
26	Cut section models of solids	ED-26	5116877-66485754628	<a href="#">Link</a>
27	Assembly of connecting rod	ED-27	5116877-26907058123	<a href="#">Link</a>

28	Pipe joints	ED-28	5116877-74235428273	<a href="#">Link</a>
29	Assembly of blow off cock	ED-29	5116877-58297431266	<a href="#">Link</a>
30	Cotter joint with sleeve	ED-30	5116877-71437257879	<a href="#">Link</a>
31	Quadrant system	ED-31	5116877-91224995686	<a href="#">Link</a>
32	Orthographic and isometric projections	ED-32	5116877-85532891718	<a href="#">Link</a>
33	Proj of solids	ED-33	5116877-50465821223	<a href="#">Link</a>
34	Types of solids	ED-34	5116877-79099852559	<a href="#">Link</a>
35	Assembly drawing with BOM	ED-35	5116877-17766688400	<a href="#">Link</a>
36	Exploded assembly drawing	ED-36	5116877-48416353410	<a href="#">Link</a>
37	Production drawing	ED-37	5116877-52314187313	<a href="#">Link</a>
38	Drafting instruments	ED-38	5116877-639372271	<a href="#">Link</a>
39	Drawing of different geometrical shapes	ED-39	5116877-60590826999	<a href="#">Link</a>
40	Projection of a point in ver and hor plane	ED-40	5116877-2868575399	<a href="#">Link</a>
41	Projection of a point in four quadrants	ED-41	5116877-12805121378	<a href="#">Link</a>
42	Projection of straight line in different quadrants	ED-42	5116877-94229563313	<a href="#">Link</a>
43	Projection of planes	ED-43	5116877-48603948561	<a href="#">Link</a>
44	Sections of solids - I classificaion and terminology	ED-44	5116877-30870176486	<a href="#">Link</a>
45	Conventional representation of springs in drawing	ED-45	5116877-96580665920	<a href="#">Link</a>
46	Sections of solids in engineering drawing	ED-46	5116877-42288211698	<a href="#">Link</a>
47	Sections of solids - II	ED-47	5116877-69907470902	<a href="#">Link</a>
48	Cross head for a horizontal steam engine	ED-48	5116877-94415580703	<a href="#">Link</a>
49	Stuffing box of a vertical steam engine	ED-49	5116877-28389040636	<a href="#">Link</a>
50	Lathe tailstock - Details and arrangement	ED-50	5116877-4558228617	<a href="#">Link</a>
51	Spur and bevel gear terminology	ED-51	5116877-1906809977	<a href="#">Link</a>
52	Plummer block - Details and arrangement	ED-52	5116877-74842649781	<a href="#">Link</a>
53	Types of pictorial projection	ED-53	5116877-30694187663	<a href="#">Link</a>
54	Isometric projection	ED-54	5116877-25486365643	<a href="#">Link</a>
55	Screw jack assembly	ED-55	5116877-36632726693	<a href="#">Link</a>

BASIC ELECTRONICS				
No.	Name of charts	Code name	GEM PRODUCT CODE	GEM Link
1	Electronic components (Active)	E-1	5116877-16820885080	<a href="#">Link</a>
2	Electronic components (Passive)	E-2	5116877-83361030879	<a href="#">Link</a>
3	Diode as a rectifier	E-3	5116877-78677422781	<a href="#">Link</a>
4	Integrated circuit components	E-4	5116877-78586522365	<a href="#">Link</a>
5	Junction transistors	E-5	5116877-84249283670	<a href="#">Link</a>
6	Transistor as an amplifier	E-6	5116877-47413495409	<a href="#">Link</a>
7	Push-pull amplifier	E-7	5116877-51573300565	<a href="#">Link</a>
8	Loudspeaker and audio power amplifier	E-8	5116877-16616967099	<a href="#">Link</a>
9	LC oscillators	E-9	5116877-61717060328	<a href="#">Link</a>
10	JFET / MOSFET	E-10	5116877-19201738522	<a href="#">Link</a>
11	Radio receivers	E-11	5116877-48128397280	<a href="#">Link</a>
12	Facsimile transmission - I (Facsimile Sender)	E-12	5116877-92385284790	<a href="#">Link</a>
13	Facsimile transmission - II (Facsimile Receiver)	E-13	5116877-36575824133	<a href="#">Link</a>
14	Television cameras	E-14	5116877-23568146953	<a href="#">Link</a>
15	B / W television receiver	E-15	5116877-45775103771	<a href="#">Link</a>
16	Colour television receiver	E-16	5116877-22935250754	<a href="#">Link</a>
17	B / W television transmitter	E-17	5116877-22236891691	<a href="#">Link</a>
18	A colour - Television transmitter	E-18	5116877-95021773012	<a href="#">Link</a>
19	Picture tube	E-19	5116877-98884621832	<a href="#">Link</a>

20	Modem	E-20	5116877-24014358866	<a href="#">Link</a>
21	Basic logic gates	E-21	5116877-13063183244	<a href="#">Link</a>
22	Diodes - I	E-22	5116877-29358777925	<a href="#">Link</a>
23	Diodes - II	E-23	5116877-3332505629	<a href="#">Link</a>
24	Flip flop types	E-24	5116877-24224650688	<a href="#">Link</a>
25	Semi conductor fundamentals - I	E-25	5116877-45463367218	<a href="#">Link</a>
26	Semi conductor fundamentals - II	E-26	5116877-99162843484	<a href="#">Link</a>
27	Optical fiber	E-27	5116877-70580637058	<a href="#">Link</a>
28	Voltage waveforms in thyristors as a 3 phase rectifier	E-28	5116877-8176452560	<a href="#">Link</a>
29	Pulse modulation	E-29	5116877-79146026694	<a href="#">Link</a>
30	UJT and SCR	E-30	5116877-28579806381	<a href="#">Link</a>
31	N type and P type semiconductors	E-31	5116877-61466956896	<a href="#">Link</a>
32	Software defined radio	E-32	5116877-85822933366	<a href="#">Link</a>
33	Electronic symbols - I	E-33	5116877-99464702588	<a href="#">Link</a>
34	Electronic symbols - II	E-34	5116877-6481817861	<a href="#">Link</a>
35	Photoelectric devices	E-35	5116877-7105966216	<a href="#">Link</a>
36	Zener diode & its characteristics	E-36	5116877-97028203442	<a href="#">Link</a>
37	Fet & Mosfet	E-37	5116877-30133921646	<a href="#">Link</a>
38	Transistor configuration and its characteristics	E-38	5116877-72867614502	<a href="#">Link</a>
39	Applications op-amp-2	E-39	5116877-58638590622	<a href="#">Link</a>
40	Digital multimeters	E-40	5116877-10259932247	<a href="#">Link</a>
41	Rectifiers	E-41	5116877-94422759831	<a href="#">Link</a>
42	Feedback amplifiers	E-42	5116877-56595253806	<a href="#">Link</a>
43	Shift register types	E-43	5116877-52889884672	<a href="#">Link</a>
44	Sampling & encoding techniques	E-44	5116877-45708086997	<a href="#">Link</a>
45	Network devices	E-45	5116877-31967238953	<a href="#">Link</a>
46	Wireless communication	E-46	5116877-28858498501	<a href="#">Link</a>
47	Vlsi IC design flow	E-47	5116877-32696963983	<a href="#">Link</a>
48	Fabrication steps of CMOS	E-48	5116877-59719568063	<a href="#">Link</a>
49	Redix 2 fet algorithm	E-49	5116877-32336330357	<a href="#">Link</a>
50	Characteristics families of signal & their roc's	E-50	5116877-86668334621	<a href="#">Link</a>
51	Classification of signals	E-51	5116877-35500400407	<a href="#">Link</a>
52	Digital FI filter signals	E-52	5116877-44538078436	<a href="#">Link</a>
53	TMS320C6713 architecture	E-53	5116877-43085042366	<a href="#">Link</a>
54	Digital IIR filter signals	E-54	5116877-48782011262	<a href="#">Link</a>
55	Fibre optic communication	E-55	5116877-2443802967	<a href="#">Link</a>
56	CRO & function genrator	E-56	5116877-74725877142	<a href="#">Link</a>
57	Multi meter- principel of working	E-57	5116877-96209530852	<a href="#">Link</a>
58	Strain gauges	E-58	5116877-58779694132	<a href="#">Link</a>
59	LVDT	E-59	5116877-80436942156	<a href="#">Link</a>
60	Resistance measurment using bridge	E-60	5116877-9151679212	<a href="#">Link</a>
61	A. C bridges - I	E-61	5116877-20652874845	<a href="#">Link</a>
62	A .C bridge -II	E-62	5116877-82261317830	<a href="#">Link</a>
63	Tipes of optical fiber	E-63	5116877-25709039639	<a href="#">Link</a>
64	Numrical aperture in optical fiber	E-64	5116877-17691021378	<a href="#">Link</a>
65	Losses in optical fiber	E-65	5116877-94034508823	<a href="#">Link</a>
66	mechsniism and types of laser	E-66	5116877-57619148782	<a href="#">Link</a>
67	Comparison of various basing techiques for BJT	E-67	5116877-44909004144	<a href="#">Link</a>
68	Types of electronic counters	E-68	5116877-97124429369	<a href="#">Link</a>
69	Response of 1St order system to various inputs	E-69	5116877-92059363744	<a href="#">Link</a>

70	Response of 2ND order system to various input	E-70	5116877-39766789912	<a href="#">Link</a>
71	SCR firing circuits	E-71	5116877-68650763309	<a href="#">Link</a>
72	SCR inverters	E-72	5116877-20850437659	<a href="#">Link</a>
73	standard inputs	E-73	5116877-50949528721	<a href="#">Link</a>
74	Static and dynamic of FET	E-74	5116877-37455940598	<a href="#">Link</a>
75	Transistor oscillators	E-75	5116877-26583031034	<a href="#">Link</a>
76	Electronic symbols - I	E-76	5116877-16537213063	<a href="#">Link</a>
77	Electronic symbols- II	E-77	5116877-15878376802	<a href="#">Link</a>
78	Photoelectric devices	E-78	5116877-43255271418	<a href="#">Link</a>
79	semi-conductor fundamentals - I	E-79	5116877-30138593890	<a href="#">Link</a>
80	Semi-conductor fundamentals - II	E-80	5116877-13592693548	<a href="#">Link</a>

#### ELECTRICAL TECHNOLOGY

No.	Name of charts	Code name	GEM PRODUCT CODE	GEM Link
1	Electric cells	ET-1	5116877-19095335803	<a href="#">Link</a>
2	Permanent magnet moving coil instrument	ET-2	5116877-35184281272	<a href="#">Link</a>
3	Moving iron instruments	ET-3	5116877-91342696379	<a href="#">Link</a>
4	Watt- hour meter	ET-4	5116877-35869840918	<a href="#">Link</a>
5	Hydro - electric power plant	ET-5	5116877-22233408745	<a href="#">Link</a>
6	Thermo-electric power plant	ET-6	5116877-39999062435	<a href="#">Link</a>
7	Solar power plant	ET-7	5116877-85190191285	<a href="#">Link</a>
8	Nuclear power plant	ET-8	5116877-53723580305	<a href="#">Link</a>
9	Steam - electric power plant	ET-9	5116877-56968187869	<a href="#">Link</a>
10	Working of an electric motor	ET-10	5116877-73434442286	<a href="#">Link</a>
11	Direct current motor	ET-11	5116877-73504163308	<a href="#">Link</a>
12	Alternating current motor	ET-12	5116877-50853281658	<a href="#">Link</a>
13	Cutaway of a single phase induction motor	ET-13	5116877-1585838380	<a href="#">Link</a>
14	D.C genrator	ET-14	5116877-78012748190	<a href="#">Link</a>
15	Alternating current genrator	ET-15	5116877-14902085631	<a href="#">Link</a>
16	Transformers	ET-16	5116877-34565281823	<a href="#">Link</a>
17	Electric stole/ electric iron	ET-17	5116877-29217768986	<a href="#">Link</a>
18	Soldering iron/ immersion heater / geyser	ET-18	5116877-75107568186	<a href="#">Link</a>
19	Electric bell	ET-19	5116877-75279982641	<a href="#">Link</a>
20	Treatment against shock	ET-20	5116877-5964766358	<a href="#">Link</a>
21	Wireman's tools-I	ET-21	5116877-43273149447	<a href="#">Link</a>
22	Wireman's tools-II	ET-22	5116877-71495346696	<a href="#">Link</a>
23	Wireman's tools-III	ET-23	5116877-6894068248	<a href="#">Link</a>
24	Types of cable/conductor	ET-24	5116877-86453595463	<a href="#">Link</a>
25	Procedure of making a joint/ telegraph joint	ET-25	5116877-35379563307	<a href="#">Link</a>
26	Britannia / Belhanger's joint	ET-26	5116877-54864652578	<a href="#">Link</a>
27	Western union joint/ T-joint between 1/18" wires	ET-27	5116877-31168667628	<a href="#">Link</a>
28	T-joint between 3/22" wires/ PVC insulated wires	ET-28	5116877-64907321900	<a href="#">Link</a>
29	Types of fuses	ET-29	5116877-57625485594	<a href="#">Link</a>
30	Earthing	ET-30	5116877-58767035166	<a href="#">Link</a>
31	Electrical accessories-I	ET-31	5116877-58480997707	<a href="#">Link</a>
32	Electrical accessories-II	ET-32	5116877-55002088572	<a href="#">Link</a>
33	electrical accessories-III	ET-33	5116877-9000003914	<a href="#">Link</a>
34	Types of electric poles	ET-34	5116877-42996440203	<a href="#">Link</a>
35	Methods of supporting a pole	ET-35	5116877-17524409476	<a href="#">Link</a>
36	Types of insulators/ brackets	ET-36	5116877-80871341263	<a href="#">Link</a>



37	Filament lamps	ET-37	5116877-20460392204	<a href="#">Link</a>
38	Fluorescent tube	ET-38	5116877-1488607574	<a href="#">Link</a>
39	Mercury vapour lamp	ET-39	5116877-71740066228	<a href="#">Link</a>
40	Sodium vapour lamp	ET-40	5116877-62446467586	<a href="#">Link</a>
41	Electrical mixer	ET-41	5116877-87179780544	<a href="#">Link</a>
42	Sandwich maker	ET-42	5116877-65924937823	<a href="#">Link</a>
43	Water purifier-I	ET-43	5116877-28373512901	<a href="#">Link</a>
44	water purifier-II	ET-44	5116877-37959303585	<a href="#">Link</a>
45	CEILING FAN	ET-45	5116877-62097077619	<a href="#">Link</a>
46	Electrical geyser	ET-46	5116877-68830727229	<a href="#">Link</a>
47	Steam electric iron	ET-47	5116877-364721747	<a href="#">Link</a>
48	DOL starter	ET-48	5116877-83267283912	<a href="#">Link</a>
49	Electric kettle	ET-49	5116877-9520347795	<a href="#">Link</a>
50	Soldering practice	ET-50	5116877-4690978859	<a href="#">Link</a>
51	Electrical symbols	ET-51	5116877-68394699431	<a href="#">Link</a>
52	Microwave	ET-52	5116877-8934175923	<a href="#">Link</a>
53	Rules of wiring	ET-53	5116877-30924085673	<a href="#">Link</a>
54	Ohm's law	ET-54	5116877-32409297816	<a href="#">Link</a>
55	Wiring diagram	ET-55	5116877-20930440349	<a href="#">Link</a>
56	Layout of power station	ET-56	5116877-33975828067	<a href="#">Link</a>
57	Magnetic effects-I	ET-57	5116877-23434460943	<a href="#">Link</a>
58	Magnetic effects-II	ET-58	5116877-81870029982	<a href="#">Link</a>
59	Fleming's left & right hand rule	ET-59	5116877-13923939243	<a href="#">Link</a>
60	CRO	ET-60	5116877-69320040438	<a href="#">Link</a>
61	Introduction of electricity	ET-61	5116877-8081958640-	<a href="#">Link</a>
62	Classification of electrical conducting materials	ET-62	5116877-10917129716	<a href="#">Link</a>
63	Potential transformers	ET-63	5116877-45730911364	<a href="#">Link</a>
64	Current transformers	ET-64	5116877-27141011000	<a href="#">Link</a>
65	Power generator, Tran, dist layout	ET-65	5116877-12418086278	<a href="#">Link</a>
66	Substation layout	ET-66	5116877-84953775158	<a href="#">Link</a>
67	Electrical wire size table	ET-67	5116877-4122736621-	<a href="#">Link</a>
68	Electric cells-I	ET-68	5116877-92772351488	<a href="#">Link</a>
69	Electric cells-II	ET-69	5116877-90330522830	<a href="#">Link</a>
70	Electrical safety-I	ET-70	5116877-69239315553	<a href="#">Link</a>
71	Electrical safety-II	ET-71	5116877-76590796693	<a href="#">Link</a>
72	Safety Signs and symbols - I	ET-72	5116877-94348910867	<a href="#">Link</a>
73	Safety Signs and symbols - II	ET-73	5116877-80598203229	<a href="#">Link</a>
74	Network theorems	ET-74	5116877-20734465481	<a href="#">Link</a>
75	Alternator	ET-75	5116877-1935601302	<a href="#">Link</a>
76	DC generator & its parts	ET-76	5116877-76660322341	<a href="#">Link</a>
77	A c squirrel cage induction motor	ET-77	5116877-39156957694	<a href="#">Link</a>
78	A C slip ring ind motor	ET-78	5116877-98931454750	<a href="#">Link</a>
79	Modeling of control system	ET-79	5116877-71410594259	<a href="#">Link</a>
80	Components of control system - I	ET-80	5116877-73877039218	<a href="#">Link</a>
81	Components of control system - II	ET-81	5116877-3174470515	<a href="#">Link</a>
82	555 multivibrator	ET-82	5116877-38811412804	<a href="#">Link</a>
83	PID controller	ET-83	5116877-62935732111	<a href="#">Link</a>
84	Safety precautions in electrical lab	ET-84	5116877-27233048900	<a href="#">Link</a>
85	Parts of a DC machine	ET-85	5116877-58831188263	<a href="#">Link</a>
86	Types of DC generator	ET-86	5116877-52552368991	<a href="#">Link</a>

87	Motor and generator	ET-87	5116877-14664878735	<a href="#">Link</a>
88	Principle of A.C motor	ET-88	5116877-29770356357	<a href="#">Link</a>
89	A.C motor starter - DOL stater	ET-89	5116877-19132253130	<a href="#">Link</a>
90	Circuit for which lamp glow bright	ET-90	5116877-83883201566	<a href="#">Link</a>
91	Circuit for lamp in series & parallel	ET-91	5116877-30543205900	<a href="#">Link</a>
92	To convert one way switch into two way switch	ET-92	5116877-31721272893	<a href="#">Link</a>
93	D.C series motor	ET-93	5116877-26609631923	<a href="#">Link</a>
94	D.C generator & its principle	ET-94	5116877-21646682276	<a href="#">Link</a>
95	D.C machine characteristics	ET-95	5116877-90728056543	<a href="#">Link</a>
96	D.C shunt motor	ET-96	5116877-4765697840	<a href="#">Link</a>
97	D.C compound motor	ET-97	5116877-60318277963	<a href="#">Link</a>
98	Effect of electric current	ET-98	5116877-17430731707	<a href="#">Link</a>
99	Electronic motor control	ET-99	5116877-1943684905	<a href="#">Link</a>
100	Insulators-I	ET-100	5116877-56965281638	<a href="#">Link</a>
101	Insulators-II	ET-101	5116877-7763193522	<a href="#">Link</a>
102	Lap& wave winding	ET-102	5116877-94251663541	<a href="#">Link</a>
103	Lenze's law : self & mutual induction	ET-103	5116877-47357451628	<a href="#">Link</a>
104	Magnetic effects-I	ET-104	5116877-95262339195	<a href="#">Link</a>
105	magnetic effects-II	ET-105	5116877-38672814009	<a href="#">Link</a>
106	Oil circuit breakers	ET-106	5116877-24439389443	<a href="#">Link</a>
107	Table of laplace transforms	ET-107	5116877-95933307954	<a href="#">Link</a>
108	Transformer cooling system	ET-108	5116877-66960974798	<a href="#">Link</a>
109	Electrical symbols-I	ET-109	5116877-40629509694	<a href="#">Link</a>
110	Electrical symbols-II	ET-110	5116877-87546416378	<a href="#">Link</a>

#### CARPENTRY

No.	Name of charts	Code name	GEM PRODUCT CODE	GEM Link
1	Carpentry making tools	C-1	5116877-55656486755	<a href="#">Link</a>
2	Carpentring measuring tools	C-2	5116877-74195467200	<a href="#">Link</a>
3	Carpentry saws	C-3	5116877-49414036200	<a href="#">Link</a>
4	Carpentry chisels	C-4	5116877-33498156596	<a href="#">Link</a>
5	Carpentry planes	C-5	5116877-59531042984	<a href="#">Link</a>
6	Carpentry braces	C-6	5116877-88244104574	<a href="#">Link</a>
7	Carpentry holding tools	C-7	5116877-99635963369	<a href="#">Link</a>
8	Hand ttols used in carpentry	C-8	5116877-56225101969	<a href="#">Link</a>
9	Carpentry joint-I	C-9	5116877-93550259140	<a href="#">Link</a>
10	Carpentry joints-II	C-10	5116877-45200663753	<a href="#">Link</a>
11	Types of patterns-I	C-11	5116877-75597778115	<a href="#">Link</a>
12	Types of patterns-II	C-12	5116877-38572287090	<a href="#">Link</a>
13	Types of wood & its faults	C-13	5116877-90751643634	<a href="#">Link</a>
14	Safety in carpentry shop	C-14	5116877-28617764189	<a href="#">Link</a>

#### HYDRAULICS

No.	Name of charts	Code name	GEM PRODUCT CODE	GEM Link
1	HYDRO - electric power plant	H-1	5116877-50788570256	<a href="#">Link</a>
2	PELTON WHEEL	H-2	5116877-15667647650	<a href="#">Link</a>
3	FRANCIS TURBINE	H-3	5116877-30108562330	<a href="#">Link</a>
4	KAPLAN TURBINE	H-4	5116877-42383044548	<a href="#">Link</a>
5	CENTRIFUGAL PUMPS	H-5	5116877-34816173464	<a href="#">Link</a>
6	IMPELLERS OF CENTRIFUGAL PUMPS	H-6	5116877-17042510102	<a href="#">Link</a>

7	EXTERNAL PUMP	H-7	5116877-85587500700	<a href="#">Link</a>
8	INTERNAL GEAR PUMP	H-8	5116877-10069456163	<a href="#">Link</a>
9	LOBE PUMP	H-9	5116877-17355517704	<a href="#">Link</a>
10	GENERATED ROTOR PUMP	H-10	5116877-93424534269	<a href="#">Link</a>
11	SCREW PUMP	H-11	5116877-38573894718	<a href="#">Link</a>
12	UNBALANCED TYPE VANE PUMP	H-12	5116877-33018793803	<a href="#">Link</a>
13	BALANCED TYPE BVANE PUMP	H-13	5116877-69549678875	<a href="#">Link</a>
14	STRAIGHT AXIS PISTON PUMP	H-14	5116877-20487858540	<a href="#">Link</a>
15	BENT AXIS PISTON PUMP	H-15	5116877-63744667855	<a href="#">Link</a>
16	STATIONARY CYLINDER TYPE RADIAL PISTON	H-16	5116877-18145395780	<a href="#">Link</a>
17	ROTATING CYLINDER TYPE RADIAL PISTON PUMP	H-17	5116877-70756691013	<a href="#">Link</a>
18	STRUCTURE OF THE HYDRAULIC POWER SYSTEM	H-18	5116877-61712186076-	<a href="#">Link</a>
19	EXTERNAL GEAR PUMP	H-19	5116877-76169700760	<a href="#">Link</a>
20	INTERNAL GEAR PUMP	H-20	5116877-76673900710	<a href="#">Link</a>
21	LOBE PUMP	H-21	5116877-31588449366	<a href="#">Link</a>
22	GEROTOR PUMP	H-22	5116877-78138920611	<a href="#">Link</a>
23	SCREW PUPM	H-23	5116877-82735783711	<a href="#">Link</a>
24	VANE PUMP	H-24	5116877-76730767839	<a href="#">Link</a>
25	AXIAL PISTON PUMP	H-25	5116877-54756551302	<a href="#">Link</a>
26	RADIAL PISTON PUMP	H-26	5116877-99501455697	<a href="#">Link</a>
27	HYGRAULIC ACTUATORS - CYLINDERS	H-27	5116877-24594806533	<a href="#">Link</a>
28	HYDRAulic CYLINDR CUSHIONS	H-28	5116877-28487610984	<a href="#">Link</a>
29	CONTROL COMPONENTS-I	H-29	5116877-64740036644	<a href="#">Link</a>
30	CONTROL COMPONENTS- II	H-30	5116877-33677072019	<a href="#">Link</a>
31	CONTROL COMPONENTS-III	H-31	5116877-79599163753	<a href="#">Link</a>
32	HYDRAULIC & PNEUMATIC CIRCUIT SYMSBOLS-I	H-32	5116877-19393574309	<a href="#">Link</a>
33	HYDRAULIC & PNEUMATIC CIRCUIT SYMSBOLS-II	H-33	5116877-7865041357	<a href="#">Link</a>
34	HYDRAULIC CIRCUITS - I	H-34	5116877-50960857643	<a href="#">Link</a>
35	HYDRAULIC CIRCUITS - II	H-35	5116877-94050211517	<a href="#">Link</a>
36	HYDRAULIC CIRCUITS - III	H-36	5116877-83205719591	<a href="#">Link</a>
37	HYDRAULIC CIRCUITS - IV	H-37	5116877-96038496057	<a href="#">Link</a>
38	FLUID SYSTEM	H-38	5116877-23867248622	<a href="#">Link</a>
39	PRESSURE MEASUREMENT	H-39	5116877-46060044898	<a href="#">Link</a>
40	NOTCHES & WEIRS	H-40	5116877-85412140994-	<a href="#">Link</a>
41	ORIFICES & MOUTHPIECES	H-41	5116877-98811479760	<a href="#">Link</a>
42	ROTAMETER	H-42	5116877-39400359198	<a href="#">Link</a>
43	ORIFICE METER SETUP	H-43	5116877-97004164133	<a href="#">Link</a>
44	VENTURIMETER	H-44	5116877-92563426299	<a href="#">Link</a>
45	PELTON WHEEL - TANGENTIAL FLOW IMP TURBINE	H-45	5116877-10443767139	<a href="#">Link</a>
46	FLUID SYSTEM - II	H-46	5116877-53600218069-	<a href="#">Link</a>
47	FLUID SYSTEM - III	H-47	5116877-9383090902	<a href="#">Link</a>
48	FLUID SYSTEM - IV	H-48	5116877-29192732036	<a href="#">Link</a>
49	VARIABLE SPEED CENTRIFUGAL PUMP SETUP	H-49	5116877-56266512105	<a href="#">Link</a>
50	VARIOUS TYPES OF PUMP - GEAR PUMP	H-50	5116877-28662079645	<a href="#">Link</a>
51	FLOW THROUGH PIPES- MINOR ENERGY LOSSES	H-51	5116877-3608517403	<a href="#">Link</a>
52	PIPE FLOW ANALYSIS	H-52	5116877-70752199128	<a href="#">Link</a>
53	COMPRESSORS- RESIPROCATING & ROTARY	H-53	5116877-60003939535	<a href="#">Link</a>
54	GOVERNERS	H-54	5116877-69460566748	<a href="#">Link</a>
55	REACTION TURBINE ( RADIAL & AXIAL)	H-55	5116877-23754932919	<a href="#">Link</a>
56	FLOW CONTROL IN HYDRAULIC CIRCUITS	H-56	5116877-74784221661	<a href="#">Link</a>

57	RPRESSURE CONTROL IN HYDRAULIC CIRCUITS	H-57	5116877-86354885812	<a href="#">Link</a>
58	BERNOULLI'S THEOREM APPARATUS	H-58	5116877-68984230040	<a href="#">Link</a>
59	REYNOLDS APPARATUS	H-59	5116877-15823733720	<a href="#">Link</a>
60	TIME DELAY VALVE & SHUTTLE VALVE	H-60	5116877-22614368079	<a href="#">Link</a>
61	TWIN PRESSURE VALVE	H-61	5116877-16743803190	<a href="#">Link</a>
62	SOLENOID OPERATED VALVE	H-62	5116877-49973036725	<a href="#">Link</a>

FOUNDRY TECHNOLOGY				
No.	Name of charts	Code name	GEM PRODUCT CODE	GEM Link
1	CUPOLA FURNACE	FT-1	5116877-7493171943	<a href="#">Link</a>
2	BLAST FURNACE	FT-2	5116877-36137533143	<a href="#">Link</a>
3	ELECTRIC ARC FURNACE	FT-3	5116877-72804982997	<a href="#">Link</a>
4	FOUNDRY HAND TOOLS-I	FT-4	5116877-38492038062	<a href="#">Link</a>
5	FOUNDRY HAND TOOLS-II	FT-5	5116877-93065424895	<a href="#">Link</a>
6	CENTRIFUGAL CASTING	FT-6	5116877-85884908990	<a href="#">Link</a>
7	CONTINUOUS CASTING	FT-7	5116877-19010980806	<a href="#">Link</a>
8	GATING SYSTEM	FT-8	5116877-61671845533	<a href="#">Link</a>
9	MOULDING HAND TOOLS	FT-9	5116877-42824098612	<a href="#">Link</a>

FITTING				
No.	Name of charts	Code name	GEM PRODUCT CODE	GEM Link
1	PIPE VICE / BENCH VICE	F-1	5116877-98806452756	<a href="#">Link</a>
2	TYPES OF HAMMER	F-2	5116877-37003278167	<a href="#">Link</a>
3	FITTING CHISETS	F-3	5116877-50938125148	<a href="#">Link</a>
4	LKINDS OF FILES	F-4	5116877-72277936446	<a href="#">Link</a>
5	SCRAPERS	F-5	5116877-97674409497	<a href="#">Link</a>
6	HACKSAWS	F-6	5116877-29457899683	<a href="#">Link</a>
7	TRY SQUARE / VEE BLOCK/ ANGLE PLATE	F-7	5116877-11212302581	<a href="#">Link</a>
8	SAWING / FILING / CHISELLING	F-8	5116877-45226300905	<a href="#">Link</a>
9	TAPS AND DIES	F-9	5116877-11634364318	<a href="#">Link</a>
10	REAMERS	F-10	5116877-6371070120	<a href="#">Link</a>
11	PIPE FITTING	F-11	5116877-21977355289	<a href="#">Link</a>
12	WRENCHES	F-12	5116877-74470421296	<a href="#">Link</a>
13	HAND TOOLS USED IN FITTING SHOP	F-13	5116877-37691626237	<a href="#">Link</a>
14	TAPPING A BLIND HOLE	F-14	5116877-25590647652	<a href="#">Link</a>
15	CUTTING A THREAD WITH DIE AND STOCK	F-15	5116877-9549166042	<a href="#">Link</a>
16	METHODS OF FILLING	F-16	5116877-58998925826	<a href="#">Link</a>
17	TAPPING THROUGH HOLES	F-17	5116877-96429697195	<a href="#">Link</a>

PRODUCTION				
No.	Name of charts	Code name	GEM PRODUCT CODE	GEM Link
1	MILLING CUTTERS-I	P-1	5116877-31530726224	<a href="#">Link</a>
2	MILLING CUTTERS-II	P-2	5116877-32924553466	<a href="#">Link</a>
3	ELEMENT OF JIGS AND FIX (LOCATING DIVICES)	P-3	5116877-32309709011	<a href="#">Link</a>
4	ELEMENT OF JIGS AND FIX (CAMPING DIVICES)	P-4	5116877-6365076134	<a href="#">Link</a>
5	ELEMENT OF JIGS AND FIX (INDEXING DIVICES)	P-5	5116877-41105358819	<a href="#">Link</a>
6	ELEMENTS OF JIGS (DRILL BUSHES)	P-6	5116877-95627376023	<a href="#">Link</a>
7	SHEET METAL TOOLS - I	P-7	116877-28653428528	<a href="#">Link</a>
8	SHEET METAL TOOLS - I I	P-8	5116877-43823850017	<a href="#">Link</a>
9	LATHE PARTS	P-9	5116877-54274043304	<a href="#">Link</a>

10	SCREW CUTTING IN THE LATHE	P-10	5116877-67875573296	<a href="#">Link</a>
11	TAPER TURNING	P-11	5116877-5469566367	<a href="#">Link</a>
12	UNIVERSAL DIVIDING HEAD	P-12	5116877-18743664165	<a href="#">Link</a>
13	TURRET LATHE	P-13	5116877-50704805731	<a href="#">Link</a>
14	CAPSTAN LATHE	P-14	5116877-11156969386	<a href="#">Link</a>
15	PARTS OF A STANDARD SHAPER	P-15	5116877-80781076951	<a href="#">Link</a>
16	VERTICAL MILLING MACHINE	P-16	5116877-20026761223	<a href="#">Link</a>
17	COLUMN AND KNEE TYPE MILLING MACHINE	P-17	5116877-63968270112	<a href="#">Link</a>
18	GRINDING MACHINES	P-18	5116877-79181921654	<a href="#">Link</a>
19	GRINDING WHEELS	P-19	5116877-63276774651	<a href="#">Link</a>
20	SENSITIVE DRILLING MACHINE VERTICAL DRILLING MACHINE	P-20	5116877-60788580088	<a href="#">Link</a>
21	RADIAL DRILLING MACHINE	P-21	5116877-50921808481	<a href="#">Link</a>
22	LATHE OPERATION - I	P-22	5116877-94374415170	<a href="#">Link</a>
23	LATHE OPERATION - II	P-23	5116877-72403451025	<a href="#">Link</a>
24	DRILLING MACHINE OPERATIONS - I	P-24	5116877-75326573798	<a href="#">Link</a>
25	DRILLING MACHINE OPERATIONS - II	P-25	5116877-86864202543	<a href="#">Link</a>
26	LATHE WORK HOLDING DEVICES	P-26	5116877-70378750776	<a href="#">Link</a>
27	TYPES OF JOINTS IN SHEET METAL	P-27	5116877-56277032819	<a href="#">Link</a>
28	TYPES OF SHEETS IN SHEET METAL	P-28	5116877-55686266278	<a href="#">Link</a>
29	FLY PRESS	P-29	5116877-83196961937	<a href="#">Link</a>
30	LATHE MACHINES	P-30	5116877-54016547035	<a href="#">Link</a>
31	PLANING MACHINES	P-31	5116877-52132305754	<a href="#">Link</a>
32	TYPES OF SNIPS	P-32	5116877-55653425238-	<a href="#">Link</a>
33	SWG CHARTS	P-33	5116877-30357775471	<a href="#">Link</a>
34	CNC TURNING	P-34	5116877-28871562285	<a href="#">Link</a>
35	CNC MILLING	P-35	5116877-17513299411	<a href="#">Link</a>
36	BASIC REQUIREMENT OF CUTTING TOOLS	P-36	5116877-36335638263	<a href="#">Link</a>
37	SINGLE POINT TOOL	P-37	5116877-93347641046	<a href="#">Link</a>
38	TYPES OF CHIP & CHIP BREAKERS	P-38	5116877-22119037823	<a href="#">Link</a>
39	TURRET INDEXING MECHANISM	P-39	5116877-50942760120	<a href="#">Link</a>
40	TOOL LAYOUT OF TURRET LATH	P-40	5116877-91198703754	<a href="#">Link</a>
41	MACHINE HANDLING SAFETY MEASURES	P-41	5116877-8556602098	<a href="#">Link</a>
42	SAFETY ON A LATHE MACHINE	P-42	5116877-16018236516	<a href="#">Link</a>
43	SAFETY ON A MILLING MACHINE	P-43	5116877-5012625401	<a href="#">Link</a>
44	FIRE PREVENTIONS	P-44	5116877-5582266789	<a href="#">Link</a>
45	PRECAUTIONS IN WORKSHOP	P-45	5116877-83214642280	<a href="#">Link</a>
46	SAFETY ON A FITTING BENCH	P-46	5116877-99457273174	<a href="#">Link</a>
47	SAFETY IN CARPENTRY SHOP	P-47	5116877-7907441852	<a href="#">Link</a>
48	TOOL GEOMETRY	P-48	5116877-42094633251	<a href="#">Link</a>
49	HYDRAULIC SHAPER MECHANISM	P-49	5116877-92951771501	<a href="#">Link</a>
50	QUICK RETURN MECHANISM OF A SHAPING MACH	P-50	5116877-61749110223	<a href="#">Link</a>
51	LATHE TOOLS	P-51	5116877-90531277242	<a href="#">Link</a>
52	BAR FEEDING MECHANISM IN LATHE	P-52	5116877-88133255941	<a href="#">Link</a>
53	SHEARING PRESS	P-53	5116877-24211078174	<a href="#">Link</a>
54	SENSITIVE DRILLING MACHINE	P-54	5116877-763295970	<a href="#">Link</a>
55	VERTICAL DRILLING MACHINE	P-55	5116877-16682626925	<a href="#">Link</a>
56	POWER HACKSAWS	P-56	5116877-83446032760	<a href="#">Link</a>
57	SAFETY ON SHAPER MACHINE	P-57	5116877-34260900766	<a href="#">Link</a>
58	SAFETY ON SURFACE GRINDER	P-58	5116877-64064011981	<a href="#">Link</a>

59	SAFETY ON A DRILLING MACHINE	P-59	5116877-15590860744	<a href="#">Link</a>
60	ELECTRICAL DISCHARGE MACHINE	P-60	5116877-90628841723	<a href="#">Link</a>
61	TYPES OF COLLET CHUCKS	P-61	5116877-28525612896	<a href="#">Link</a>
62	SAFETY IN PRESS WORK	P-62	5116877-90510397771	<a href="#">Link</a>
63	SAFETY IN SHEET METAL WORK	P-63	5116877-92202294978	<a href="#">Link</a>
64	PERSONAL PROTECTION	P-64	5116877-45268683290	<a href="#">Link</a>

INSTRUMENTATION				
No.	Name of charts	Code name	GEM PRODUCT CODE	GEM Link
1	ANALOG TRANSDUCERS	I-1	5116877-16299167055	<a href="#">Link</a>
2	DIGITAL TRANSDUCERS	I-2	5116877-82111035537	<a href="#">Link</a>
3	INSTRUMENTATION AMPLIFIERS	I-3	5116877-6778863070	<a href="#">Link</a>
4	A-D AND D-A CONVERTERS	I-4	5116877-20001963692	<a href="#">Link</a>
5	DATA TRANSMISSION ELEMENTS-I	I-5	5116877-66227619356	<a href="#">Link</a>
6	DATA TRANSMISSION ELEMENTS - II	I-6	5116877-7839465225	<a href="#">Link</a>
7	MOTION MEASUREMENT	I-7	5116877-96279714319	<a href="#">Link</a>
8	FORCE MEASUREMENT	I-8	5116877-7015798879	<a href="#">Link</a>
9	PRESSURE MEASUREMENT	I-9	5116877-7592177763	<a href="#">Link</a>
10	TEMPERATURE MEASUREMENT - I	I-10	5116877-89673029081	<a href="#">Link</a>
11	TEMPERATURE MEASUREMENT - I	I-11	5116877-49498507216	<a href="#">Link</a>
12	SPEED MEASUREMENT	I-12	5116877-81846878239	<a href="#">Link</a>
13	LIQUID LEVEL MEASUREMENT-I	I-13	5116877-44781937768	<a href="#">Link</a>
14	LIQUID LEVEL MEASUREMENTS - II	I-14	5116877-14258837433	<a href="#">Link</a>
15	FLOW MEASUREMENTS - I	I-15	5116877-53847716043	<a href="#">Link</a>
16	FLOW MEASUREMENTS - II	I-16	5116877-45439884999	<a href="#">Link</a>
17	LVDT TYPE FORCE TRANSDUCER	I-17	5116877-7545804591	<a href="#">Link</a>
18	FORCE MEASUREMENT USING RESISTANCE STRAIN GAGES	I-18	5116877-47336350797	<a href="#">Link</a>

COMPUTER ENGINEERING				
No.	Name of charts	Code name	GEM PRODUCT CODE	GEM Link
1	USE OF COMPUTERS	COM-1	5116877-7215526808	<a href="#">Link</a>
2	BASIC COMPUTER SYSTEM	COM-2	5116877-69198626011	<a href="#">Link</a>
3	KEYBOARD	COM-3	5116877-37632411810	<a href="#">Link</a>
4	CENTRAL PROCESSING UNIT	COM-4	5116877-84773258425	<a href="#">Link</a>
5	LASER PRINTER	COM-5	5116877-84319067555	<a href="#">Link</a>
6	DOT MATRIX / INK-JET PRINTER	COM-6	5116877-6494820337	<a href="#">Link</a>
7	FLOPPY DISK & DISK DRIVE	COM-7	5116877-67281271564	<a href="#">Link</a>
8	HARD DISK DRIVE	COM-8	5116877-25548264687	<a href="#">Link</a>
9	MOTHERBOARD	COM-9	5116877-96073176191	<a href="#">Link</a>
10	COMPUTER MEMORY	COM-10	5116877-91110884428	<a href="#">Link</a>
11	PHYSICAL DEVICES USED TO CONSTRUCT MEMORIES	COM-11	5116877-28919180440	<a href="#">Link</a>
12	MAGNETIC SURFACE RECORDING METHODS	COM-12	5116877-86386663985	<a href="#">Link</a>
13	MAGNETIC SURFACE RECORDING METHODS - II	COM-13	5116877-13757482354	<a href="#">Link</a>
14	INTERCONNECTION OF COMPUTER UNITS	COM-14	5116877-44461251704	<a href="#">Link</a>
15	CACHE MEMORY / MEMORY INTERLEAVING	COM-15	5116877-70584066086	<a href="#">Link</a>
16	PROCESSOR TO I-O AND INPUT TO MEMORY COMMUNICATION	COM-16	5116877-89977258136	<a href="#">Link</a>
17	UNDERSTANDING D.O.S.	COM-17	5116877-40827668739	<a href="#">Link</a>

18	D.O.S. COMMANDS - I	COM-18	5116877-17705327667	<a href="#">Link</a>
19	D.O.S. COMMANDS - II	COM-19	5116877-61355745402	<a href="#">Link</a>
20	BASICS OF MS WORD - I	COM-20	5116877-18502437982	<a href="#">Link</a>
21	BASICS OF MS WORD - II	COM-21	5116877-21879357252	<a href="#">Link</a>
22	PROGRAMMING LANGUAGE	COM-22	5116877-53750741138	<a href="#">Link</a>
23	OPPS FEATURES	COM-23	5116877-60498477064	<a href="#">Link</a>
24	JAVA FEATURES	COM-24	5116877-61942152626	<a href="#">Link</a>
25	OPEN SOURCE TECHNOLOGIES	COM-25	5116877-20197199621	<a href="#">Link</a>
26	MOBILE COMPUTING	COM-26	5116877-92770859131	<a href="#">Link</a>
27	OS COMPONENTS & FUNCTION	COM-27	5116877-36946931766	<a href="#">Link</a>
28	COMPUTER NETWORK TOPOLOGY	COM-28	5116877-87587225504	<a href="#">Link</a>
29	ANDROID OPERATING SYSTEMS	COM-29	5116877-40515980565	<a href="#">Link</a>
30	MAJOR COMPONENTS OF ARTIFICIAL INTELLIGENCE	COM-30	5116877-32322267228	<a href="#">Link</a>
31	COMPILER DESIGN	COM-31	5116877-24350681593	<a href="#">Link</a>
32	BIG DATA CONCEPT	COM-32	5116877-7454327862	<a href="#">Link</a>
33	NETWORK SECURITY	COM-33	5116877-45255921304	<a href="#">Link</a>
34	OSI MODELS	COM-34	5116877-26312154345	<a href="#">Link</a>
35	TYPES OF COMPUTER NETWORK	COM-35	5116877-10794622206	<a href="#">Link</a>
36	MODES & FORMS OF DATA TRANSMISSION	COM-36	5116877-54400896068	<a href="#">Link</a>
37	NORMALISATION	COM-37	5116877-81461525030	<a href="#">Link</a>
38	DBMS ARCHITECTURE	COM-38	5116877-12857257727	<a href="#">Link</a>
39	SOFTWARE TESTING TECHNIQUES	COM-39	5116877-22236791621	<a href="#">Link</a>
40	SOFTWARE LIFE CYCLE MODELS	COM-40	5116877-35974207273	<a href="#">Link</a>
41	COMPUTER INTEGRATED PRODUCTION PLANNING	COM-41	5116877-31324937676	<a href="#">Link</a>
42	BASIC COMMANDS OF AUTO CAD	COM-42	5116877-84586348581	<a href="#">Link</a>
43	BASIC COMMANDS PRO-E	COM-43	5116877-38129589380	<a href="#">Link</a>
44	BASIC COMMANDS CAM	COM-44	5116877-60473898188	<a href="#">Link</a>
45	ROBOT TECHNOLOGY	COM-45	5116877-2084579674	<a href="#">Link</a>
46	COMPUTER INTEGRATED PRODUCTION MAN SYS	COM-46	5116877-73650973017	<a href="#">Link</a>
47	FUSED DEPOSITION MODELLING	COM-47	5116877-53509792996	<a href="#">Link</a>
48	THREE DIMENSIONAL PRINTING	COM-48	5116877-34088973729	<a href="#">Link</a>
49	TYPES OF C.N.C	COM-49	5116877-61404708188	<a href="#">Link</a>
50	ROBOT PHYSICAL CONFIGURATION	COM-50	5116877-46241209172	<a href="#">Link</a>
51	BASIC ROBOT MOTION	COM-51	5116877-84158764097	<a href="#">Link</a>

BUILDING CONSTRUCTION				
No.	Name of charts	Code name	GEM PRODUCT CODE	GEM Link
1	TYPES OF BUILDING	BC-1	5116877-39765512870	<a href="#">Link</a>
2	RESIDENTIAL BUILDINGS	BC-2	5116877-2319883308	<a href="#">Link</a>
3	EDUCATIONAL AND INSTITUTIONAL BUILDINGS	BC-3	5116877-25512777533	<a href="#">Link</a>
4	CLASSIFICATION OF DWELLINGS-I	BC-4	5116877-37880744956	<a href="#">Link</a>
5	CLASSIFICATION OF DWELLINGS-II	BC-5	5116877-36689954766	<a href="#">Link</a>
6	CLASSIFICATION OF DWELLINGS-III	BC-6	5116877-15384219214	<a href="#">Link</a>
7	CLASSIFICATION OF DWELLINGS-IV	BC-7	5116877-75163057823	<a href="#">Link</a>
8	CLASSIFICATION OF DWELLINGS-V	BC-8	5116877-50737296009	<a href="#">Link</a>
9	CLASSIFICATION OF DWELLINGS-VI	BC-9	5116877-25383604305	<a href="#">Link</a>
10	STRUCTURAL SYSTEM OF A BUILDING	BC-10	5116877-96992223536	<a href="#">Link</a>
11	BUILDING COMPONENTS-I	BC-11	5116877-44961601356	<a href="#">Link</a>
12	BUILDING COMPONENTS-II	BC-12	5116877-22893582875	<a href="#">Link</a>
13	METHODS OF SITE EXPLORATION-I	BC-13	5116877-27537692116	<a href="#">Link</a>

14	METHODS OF SITE EXPLORATION-II	BC-14	5116877-83870224497	<a href="#">Link</a>
15	METHODS OF SITE EXPLORATION-III	BC-15	5116877-33483897072	<a href="#">Link</a>
16	METHODS OF DETERMINING THE BEARING CAPACITY OF SOIL-I	BC-16	5116877-47487158177	<a href="#">Link</a>
17	METHODS OF DETERMINING THE BEARING CAPACITY OF SOIL-II	BC-17	5116877-83490238971	<a href="#">Link</a>
18	EXCAVATOR'S AND CONCRETOR'S TOOLS	BC-18	5116877-78902708961	<a href="#">Link</a>
19	EXCAVATION EQUIPMENT -I	BC-19	5116877-70231004619	<a href="#">Link</a>
20	EXCAVATION EQUIPMENT -II	BC-20	5116877-57354154201	<a href="#">Link</a>
21	EXCAVATION EQUIPMENT-III	BC-21	5116877-33286915781	<a href="#">Link</a>
22	EXCAVATION EQUIPMENT-IV	BC-22	5116877-21147773686	<a href="#">Link</a>
23	EXCAVATING AND EARTH MOVING EQUIPMENT	BC-23	5116877-9101908130	<a href="#">Link</a>
24	TIMBERING OF TRENCHES	BC-24	5116877-41393938282	<a href="#">Link</a>
25	EXCAVATION IN GROUND WITH SUB-SOIL WATER	BC-25	5116877-75384718291	<a href="#">Link</a>
26	TYPES OF FOUNDATION-I	BC-26	5116877-109450011	<a href="#">Link</a>
27	TYPES OF FOUNDATION-II	BC-27	5116877-76262569548	<a href="#">Link</a>
28	TYPES OF FOUNDATION-III	BC-28	5116877-30159032495	<a href="#">Link</a>
29	TYPES OF FOUNDATION-IV	BC-29	5116877-38927493378	<a href="#">Link</a>
30	TYPES OF FOUNDATION-V	BC-30	5116877-9772020701	<a href="#">Link</a>
31	GRILLAGE FOUNDATION-I	BC-31	5116877-50039134835	<a href="#">Link</a>
32	GRILLAGE FOUNDATION-II	BC-32	5116877-6990361167	<a href="#">Link</a>
33	GRILLAGE FOUNDATION-III	BC-33	5116877-56684910348	<a href="#">Link</a>
34	TYPES OF FOUNDATION IN BLACK COTTON SOILS-I	BC-34	5116877-27577501542	<a href="#">Link</a>
35	TYPES OF FOUNDATION IN BLACK COTTON SOILS-II	BC-35	5116877-80632545774	<a href="#">Link</a>
36	TYPES OF FOUNDATION IN BLACK COTTON SOILS-III	BC-36	5116877-66421216581	<a href="#">Link</a>
37	FOOTING AT DIFFERENT LEVELS STEPPED FOOTINGS	BC-37	5116877-48572829625	<a href="#">Link</a>
38	MACHINE FOUNDATIONS	BC-38	5116877-21913028178	<a href="#">Link</a>
39	CLASSIFICATION OF PILES	BC-39	5116877-3191521208	<a href="#">Link</a>
40	CASED CAST - IN- SITU CONCRETE PILES	BC-40	5116877-18061513320	<a href="#">Link</a>
41	UNCASED CAST-IN-SITU CONCRETE PILES-I	BC-41	5116877-86760744958	<a href="#">Link</a>
42	UNCASED CAST-IN-SITU CONCRETE PILES-II	BC-42	5116877-19938168765	<a href="#">Link</a>
43	PRESSURE PILES / COMPOSITE PILES	BC-43	5116877-58630861840	<a href="#">Link</a>
44	PILE DRIVING	BC-44	5116877-45424736674	<a href="#">Link</a>
45	PILE CAP AND PILE SHOE	BC-45	5116877-80809722590	<a href="#">Link</a>
46	STONES FOR THE MASONRY	BC-46	5116877-16222202849	<a href="#">Link</a>
47	STONE MASONRY TERMINOLOGY-I	BC-47	5116877-60666792994	<a href="#">Link</a>
48	STONE MASONRY TERMINOLOGY-II	BC-48	5116877-70554709327	<a href="#">Link</a>
49	STONE MASONRY TERMINOLOGY-III	BC-49	5116877-51986684926	<a href="#">Link</a>
50	STONE MASONRY TERMINOLOGY-IV	BC-50	5116877-12699917532	<a href="#">Link</a>
51	JOINTS IN STONE MASONRY	BC-51	5116877-70843122494	<a href="#">Link</a>
52	TYPES OF FOUNDATION	BC-52	5116877-89961067090	<a href="#">Link</a>
53	PLATE LOAD TEST	BC-53	5116877-87605260072	<a href="#">Link</a>
54	TYPES OF FOOTING	BC-54	5116877-67353573877	<a href="#">Link</a>
55	TYPES OF BOND	BC-55	5116877-19441723058	<a href="#">Link</a>
56	TYPES OF ARCHES	BC-56	5116877-4390810989	<a href="#">Link</a>
57	TYPES OF ROOF	BC-57	5116877-19320001871	<a href="#">Link</a>
58	TYPES OF TRUSSES	BC-58	5116877-74382501205	<a href="#">Link</a>
59	Carpentry joints-II	BC-59	5116877-96343009491	<a href="#">Link</a>
60	CARPENTRY TOOLS	BC-60	5116877-18943714112	<a href="#">Link</a>



HEAT TRANSFER				
No.	Name of charts	Code name	GEM PRODUCT CODE	GEM Link
1	HEAT TRANSFER IN NATURAL CONVECTION	HT-1	5116877-51492896179	<a href="#">Link</a>
2	HEAT TRANSFER IN FORCED CONVECTION	HT-2	5116877-59839500804	<a href="#">Link</a>
3	STEFAN BOLTZMAN APPARATUS	HT-3	5116877-88310183488	<a href="#">Link</a>
4	THERMAL CONDUCTIVITY OF INSULATING POWDER	HT-4	5116877-94949355093	<a href="#">Link</a>
5	TWO SLAB GUARDED HOT PLATE APPARATUS	HT-5	5116877-92106238513	<a href="#">Link</a>
6	HEAT EXCHANGE EQUIPMENT	HT-6	5116877-33049731852	<a href="#">Link</a>
7	POOL BOILING PHENOMENON	HT-7	5116877-33859708456	<a href="#">Link</a>
8	HEAT EXCHANGE EQUIPMENT	HT-8	5116877-41430231328	<a href="#">Link</a>
9	THERMAL CONDUCTIVITY OF A METAL ROD	HT-9	5116877-55061308479	<a href="#">Link</a>
10	TYPES OF HEAT EXCHANGER -II	HT-10	5116877-13379530492	<a href="#">Link</a>
11	HEAT TRANSFER IN PIN FIN	HT-11	5116877-55156890412	<a href="#">Link</a>
12	THERMAL CONDUCTIVITY OR COMPOSITE WALL	HT-12	5116877-74856799878	<a href="#">Link</a>
13	FILMWISE AND DROPWISE CONDENSATION	HT-13	5116877-57049935802	<a href="#">Link</a>
14	EMMISSIVITY MEASUREMENT OF DIFFERENT PLATES	HT-14	5116877-74799076289	<a href="#">Link</a>
15	TWO PHASE HEAT TRANSFER	HT-15	5116877-28708643495	<a href="#">Link</a>

STRENGTH OF MATERIALS				
No.	Name of charts	Code name	GEM PRODUCT CODE	GEM Link
1	TESTING OF MECHANICAL PROPERTIES-I	SOM-1	5116877-94966767485	<a href="#">Link</a>
2	TESTING OF MECHANICAL PROPERTIES-II	SOM-2	5116877-87254695707	<a href="#">Link</a>
3	SEMI DESTRUCTIVE TESTING	SOM-3	5116877-33162863627	<a href="#">Link</a>
4	INTRODUCTION TO STRESS STRAIN CURVE-I	SOM-4	5116877-42185455969	<a href="#">Link</a>
5	INTRODUCTION TO STRESS STRAIN CURVE-II	SOM-5	5116877-14143074739	<a href="#">Link</a>
6	HOOKE'S LAW	SOM-6	5116877-88818092312	<a href="#">Link</a>

THEORY OF MACHINE				
No.	Name of charts	Code name	GEM PRODUCT CODE	GEM Link
1	TYPES OF KINEMATIC PAIRS-I	TOM-1	5116877-8504446469	<a href="#">Link</a>
2	TYPES OF KINEMATIC PAIRS-II	TOM-2	5116877-90052100140	<a href="#">Link</a>
3	TYPES OF KINEMATIC CHAINS-I	TOM-3	5116877-10257104390	<a href="#">Link</a>
4	SINGLE SLIDER CRANK CHAIN-II	TOM-4	5116877-3072393409	<a href="#">Link</a>
5	INVERSIONS OF SINGLE SLIDER CRANK CHAIN-I	TOM-5	5116877-41917046020	<a href="#">Link</a>
6	INVERSIONS OF SINGLE SLIDER CRANK CHAIN-II	TOM-6	5116877-71077403049	<a href="#">Link</a>
7	TYPES OF CAMS-I	TOM-7	5116877-91259992624	<a href="#">Link</a>
8	TYPES OF CAMS-II	TOM-8	5116877-53764941704	<a href="#">Link</a>
9	BALANCING OF ROTATING MASSES	TOM-9	5116877-33827805397	<a href="#">Link</a>
10	VIBRATION LONGITUDINAL & TRANSVERSE-I	TOM-10	5116877-11135256959	<a href="#">Link</a>
11	VIBRATION LONGITUDINAL & TRANSVERSE-II	TOM-11	5116877-85625406047	<a href="#">Link</a>
12	BALANCING OF ROTATING MASSES	TOM-12	5116877-50815387878	<a href="#">Link</a>
13	TORSIONAL VIBRATION	TOM-13	5116877-57125071501	<a href="#">Link</a>
14	GEAR TRAINS	TOM-14	5116877-14239080847	<a href="#">Link</a>
15	CAMS - DISPLACEMENT , VELOCITY AND ACCELERATING DIAGRAM	TOM-15	5116877-3291626750	<a href="#">Link</a>
16	GYROSCOPE	TOM-16	5116877-13009585928	<a href="#">Link</a>
17	TYPES OF GOVERNOR	TOM-17	5116877-64645107091	<a href="#">Link</a>
18	WHIRLING OF SHAFT	TOM-18	5116877-50803281540	<a href="#">Link</a>

PHYSICS				
No.	Name of charts	Code name	GEM PRODUCT CODE	GEM Link
1	MOTION MEASUREMENT	PHY-1	5116877-55905891268	<a href="#">Link</a>
2	LIGHT-I	PHY-2	5116877-63741622647	<a href="#">Link</a>
3	LIGHT-II	PHY-3	5116877-89187317084	<a href="#">Link</a>
4	GRAVITY	PHY-4	5116877-89303926976	<a href="#">Link</a>
5	FORCE	PHY-5	5116877-67934328469	<a href="#">Link</a>
6	ENERGY	PHY-6	5116877-39390185062	<a href="#">Link</a>
7	ELECTRICITY-I	PHY-7	5116877-84092170029	<a href="#">Link</a>
8	ELECTRICITY-II	PHY-8	5116877-51891080171	<a href="#">Link</a>
9	MAGNETISM	PHY-9	5116877-72964970446	<a href="#">Link</a>
10	FUNDAMENTS CONSTANT OF PHYSICS	PHY-10	5116877-87772221923	<a href="#">Link</a>
11	ELECTROMAGNETIC SPECTRUM	PHY-11	5116877-6253200838	<a href="#">Link</a>
12	FRICITION	PHY-12	5116877-57240751601	<a href="#">Link</a>
13	DR. A. P. J. KALAM	PHY-13	5116877-75034776667	<a href="#">Link</a>
14	JAMES WATT	PHY-14	5116877-15743389619	<a href="#">Link</a>
15	RUDOLPH DIESEL	PHY-15	5116877-56800069128	<a href="#">Link</a>
16	M VISVESVARAYAL	PHY-16	5116877-73356972467	<a href="#">Link</a>
17	ISSAC NEWTON	PHY-17	5116877-58846771523	<a href="#">Link</a>
18	ALBERT EINSTEIN	PHY-18	5116877-74569262304	<a href="#">Link</a>
19	CRO	PHY-19	5116877-32238097244	<a href="#">Link</a>
20	ELECTRONIC SYMBOLS - I	PHY-20	5116877-26743465318	<a href="#">Link</a>
21	ELECTRONIC SYMBOLS - II	PHY-21	5116877-68363924362	<a href="#">Link</a>
22	PHOTO ELECTRIC DEVICES	PHY-22	5116877-427896159	<a href="#">Link</a>
23	SEMI CONDUCTOR DEVICES	PHY-23A	5116877-16030222321	<a href="#">Link</a>
23	SEMI CONDUCTOR DEVICES - II	PHY-23B	5116877-44806151801	<a href="#">Link</a>

CHEMISTRY				
No.	Name of charts	Code name	GEM PRODUCT CODE	GEM Link
1	PERIODIC TABLE	CHE-1	5116877-1940201948	<a href="#">Link</a>
2	IUPAC NAME OF BASIC CHEMICAL COMPOUNDS	CHE-2	5116877-23380793329	<a href="#">Link</a>

SAFETY				
No.	Name of charts	Code name	GEM PRODUCT CODE	GEM Link
1	SAFETY NO. - 1	SAFETY-1	5116877-34278457832	<a href="#">Link</a>
2	SAFETY NO. - 2	SAFETY-2	5116877-73866168659	<a href="#">Link</a>
3	SAFETY NO. - 3	SAFETY-3	5116877-6504543919	<a href="#">Link</a>
4	SAFETY NO. - 4	SAFETY-4	5116877-2099207677	<a href="#">Link</a>
5	SAFETY NO. - 5	SAFETY-5	5116877-16049849026	<a href="#">Link</a>
6	SAFETY NO. - 6	SAFETY-6	5116877-30509231958	<a href="#">Link</a>
7	SAFETY NO. - 7	SAFETY-7	5116877-45113981335	<a href="#">Link</a>
8	SAFETY NO. - 8	SAFETY-8	5116877-38691701180	<a href="#">Link</a>
9	SAFETY NO. - 9	SAFETY-9	5116877-51255799340	<a href="#">Link</a>
10	SAFETY NO. - 10	SAFETY-10	5116877-91621636947	<a href="#">Link</a>
11	SAFETY NO. - 11	SAFETY-11	5116877-63093965326	<a href="#">Link</a>
12	SAFETY NO. -12	SAFETY-12	5116877-52704593650	<a href="#">Link</a>
13	SAFETY NO. - 13	SAFETY-13	5116877-92488424492	<a href="#">Link</a>
14	SAFETY NO. - 14	SAFETY-14	5116877-2229840865	<a href="#">Link</a>
15	SAFETY NO. - 15	SAFETY-15	5116877-34678554183	<a href="#">Link</a>
16	SAFETY NO. - 16	SAFETY-16	5116877-43525384942	<a href="#">Link</a>

17	SAFETY NO. - 17	SAFETY-17	5116877-83156989899	<a href="#">Link</a>
18	SAFETY NO. - 18	SAFETY-18	5116877-98938326277	<a href="#">Link</a>
19	SAFETY NO. - 19	SAFETY-19	5116877-49120538686	<a href="#">Link</a>
20	SAFETY NO. - 20	SAFETY-20	5116877-30498451445	<a href="#">Link</a>
21	SAFETY NO. - 21	SAFETY-21	5116877-40700403859	<a href="#">Link</a>
22	SAFETY NO. -22	SAFETY-22	5116877-62737002468	<a href="#">Link</a>
23	SAFETY NO. -23	SAFETY-23	5116877-2084587993	<a href="#">Link</a>
24	SAFETY NO. -24	SAFETY-24	5116877-57022262293	<a href="#">Link</a>
25	SAFETY NO. -25	SAFETY -25	5116877-86212573602	<a href="#">Link</a>
26	SAFETY NO. -26	SAFETY -26	5116877-34385037453	<a href="#">Link</a>
27	SAFETY NO. -27	SAFETY -27	5116877-22064639632	<a href="#">Link</a>
28	SAFETY NO. -28	SAFETY -28	5116877-4860716636	<a href="#">Link</a>
29	SAFETY NO. -29	SAFETY -29	5116877-95182638152	<a href="#">Link</a>
30	SAFETY NO. -30	SAFETY -30	5116877-33073176921	<a href="#">Link</a>
31	SAFETY NO. -31	SAFETY - 31	5116877-79756382398	<a href="#">Link</a>
32	SAFETY NO. -32	SAFETY -32	5116877-84022452804	<a href="#">Link</a>
33	SAFETY NO. -33	SAFETY -33	5116877-73938363667	<a href="#">Link</a>
34	SAFETY NO. -34	SAFETY -34	5116877-94286796748	<a href="#">Link</a>
35	SAFETY NO. -35	SAFETY -35	5116877-19995083589	<a href="#">Link</a>
36	SAFETY NO. -36	SAFETY -36	5116877-47240647371	<a href="#">Link</a>
37	SAFETY NO. -37	SAFETY -37	5116877-68030726861	<a href="#">Link</a>