

SPECIFIC COURSES ON SUSTAINABILITY

S. No.	Name of the Course	Course Code	Mapped with SDGs	Offering Department
1	Environmental Studies	GEC 1212	11,12	Civil Engineering
2	Computer Programming II	GEC 1213	4	
3	Building Construction and Practices	CEC 1212	7	
4	Water and Wastewater Engineering	CED 2104	6	
5	Social Entrepreneurship	MSC 3182	8	Management Studies
6	Communication and soft skill I – Career Choice	ENC 3181	4	English
7	Design of Reinforced Concrete Structures	CEC 3102	7	Civil Engineering
8	Structural Analysis – II	CEC 3211	4	
9	Industrial Internship	CEC 4105	9	
10	Safety in Construction	CECX 04	7,12	
11	Air & Noise Pollution and Control	CECX 11	11	
12	Industrial Waste Water Treatment	CECX 16	6	
13	Hazardous Waste Management	CECX 17	6	
14	Industrial health and Safety	CECX 20	3	
15	Urban Design	CECX 21	11	
16	Water proofing of RCC structures	CECX 22	6	
17	Advanced Concrete Design	CECX 31	7	
18	Repair and Rehabilitation of Structures	CECX 32	7,11,12	
19	Housing, Planning and Management	CECX 35	9,11	
20	Building Services	CECX 36	7	
21	Environmental Risk Assessment	CECX 38	13	
22	Earthquake Engineering	CECX 46	13	
23	Ground Water Engineering	CECX 51	6	
24	Environmental Impact Assessment	CECX 52	15	
25	Building Information Modeling	CECX 56	7	
26	Storm Water and Flood Management	CECX 59	13	
27	Urban & Indoor Air Quality Management	CECX 60	11	
28	Contract laws and Regulations	CECX 61	16	
29	Smart Cities	CECX 62	11	
30	Electrical materials and batteries	CHCX 03	7	

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31	Fuels and combustion	CHCX 05	7	Chemistry
32	Green technology	CHCX 07	7,11	
33	Polymer science and technology	CHCX 09	4	
34	Discrete Mathematics and Graph Theory	MACX 01	4	Maths
35	Law for Engineers	SSCX 06	16	Social Science
36	Disaster Management	GECX 101	13	Civil Engineering
37	Energy Studies	GECX 103	7, 13	
38	Knowledge management	GECX 110	4	
39	Vehicle Maintenance	GECX 116	7	
40	Green Design and Sustainability	GECX 201	11	
41	Industrial Safety	GECX 205	9	
42	Advanced Materials	GECX 212	7	
43	National Service Scheme	GECX 213	16	
44	Automotive Pollution and Control	GECX 214	7	
45	Advanced Entrepreneurship	GECX 219	8	
46	Electric Vehicles	GECX 220	7	
47	Introduction to Aeronautical Engineering	AEC 1211	4	Aeronautical Engineering
48	Aircraft Component Modeling & Drafting Laboratory	AEC 1212	4, 8	
49	Aircraft Structure Repair Laboratory	AEC 1213	4, 8	
50	Solid Mechanics	AEC 2101	4	
51	Engineering Thermodynamics	AEC 2102	4	
52	Fluid Mechanics	AEC 2103	6	
53	Basic Electrical and Electronics Engineering	EIC 2181	4	Electronics & Instrumentation
54	Air Breathing Propulsion	AEC 2213	11	Aeronautical Engineering
55	Aircraft Systems and Instruments	AEC 2214	11	
56	Solid Mechanics Laboratory	AEC 2215	4, 8	
57	Propulsion Laboratory	AEC 2217	4, 8	
58	Compressors and Turbines	AEC 3101	4, 8	
59	Aircraft Structural Design and Analysis	AEC 3102	4, 8	
60	High Speed Aerodynamics	AEC 3103	4, 8	
61	Aerodynamics Laboratory	AEC 3104	4, 8	
62	Aircraft Structural Analysis Laboratory	AEC 3105	4, 8	
63	Rocket Propulsion	AEC 3211	4, 8	
64	Flight Dynamics	AEC 3212	4, 8	
65	Aircraft Materials and Processes	AEC 3213	4, 8	
66	Aircraft Design Project - I	AEC 3214	4, 8	
67	Avionics	AEC 4101	4, 8	
68	Finite Element Method	AEC 4102	4, 8	

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69	UAV and MAV Systems	AEC 4103	4, 8	Aeronautical Engineering
70	Aircraft Design Project – II	AEC 4104	4, 8	
71	CFD-Structural Analysis Laboratory	AEC 4105	4, 8	
72	Internship	AEC 4106	9	
73	Project Work	AEC 4211	4, 8	
74	Optical Flow Diagnostics	AECX 01	4, 8	
75	Hypersonic Aerodynamics	AECX 02	4, 8	
76	Industrial Aerodynamics	AECX 03	4, 8, 9	
77	Grid Generation	AECX 04	4, 8, 9	
78	Wind Tunnel Model Design	AECX 05	7	
79	Theory of Elasticity	AECX 06	4, 8, 9	
80	Fatigue and Fracture Mechanics	AECX 07	4, 8, 9	
81	Structural Analysis Tools (NASTRAN and PATRAN)	AECX 08	4, 8, 9	
82	Smart Structures	AECX 09	4, 8, 9	
83	Aircraft Structural Testing and Qualification	AECX 10	4, 8, 9	
84	Measurement Systems	AECX 11	4, 8, 9	
85	NDT techniques for Aircraft Structures	AECX 12	4, 8, 9	
86	Airframe Repair and Maintenance	AECX 13	11	
87	Behavior of Materials at High Temperatures	AECX 14	4, 8, 9	
88	Heat Transfer	AECX 15	4, 8, 9	
89	Advanced Propulsion Systems	AECX 16	4, 8, 9	
90	Micro Propulsion	AECX 17	4, 8, 9	
91	Cryogenics	AECX 18	4, 8, 9	
92	Air Traffic Control and Aerodrome Design	AECX 19	4, 8, 9	
93	Aviation Rules and Regulation	AECX 20	4, 8, 9	
94	Experimental Aerodynamics	AECX 21	4, 8, 9	
95	Computational Fluid Dynamics	AECX 22	4, 8, 9	
96	Viscous Flows	AECX 23	4, 8, 9	
97	Aero-acoustics	AECX 24	4, 8, 9	
98	Wind Engineering	AECX 25	13	
99	Composite Materials and Structures	AECX 26	4, 8, 9	
100	Experimental Techniques For Aircraft Structures	AECX 27	4, 8, 9	
101	Vibration and Aero Elasticity	AECX 28	4, 8, 9	
102	Hyper Mesh	AECX 29	4, 8, 9	
103	Combustion	AECX 30	4, 8, 9	
104	Rockets and Missiles	AECX 31	4, 8, 9	
105	Aircraft Cooling Systems	AECX 33	4, 8, 9	

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106	Aircraft General Engineering and Maintenance	AECX 34	4, 8, 9	Aeronautical Engineering
107	Product Development and 3D Printing Technologies	AECX 35	4, 8, 9	
108	Advanced Manufacturing Technologies	AECX 36	4, 8, 9	
109	Aircraft Navigation and Guidance	AECX 37	11	
110	Control Engineering	AECX 38	4, 8, 9	
111	Microprocessor and Microcontroller for Aircraft Systems	AECX 39	4, 8, 9	
112	Mathematical Modeling and Simulation (MATLAB)	AECX 40	4, 8, 9	
113	Automobile Electrical Engineering	EEC 1281	4, 8, 9	Electrical Engineering
114	Applied Fluid Mechanics	AUC 1211	4, 8, 9	Automobile Engineering
115	Automobile Electrical Engineering Laboratory	EEC 1282	4, 8, 9	Electrical Engineering
116	Applied Thermal Engineering	AUC 2101	4, 8, 9	Automobile Engineering
117	Vehicle Body Engineering	AUC 2102	4, 8, 9	
118	Basic Manufacturing Process (Integrated course)	AUC 2103	4, 8, 9	
119	Strength of Materials	AUC 2104	4, 8, 9	
120	Automotive Engines (Integrated course)	AUC 2105	4, 8, 9	
121	Applied Fluid Mechanics Laboratory	AUC 2106	4, 8, 9	
122	Automotive Chassis	AUC 2211	4, 8, 9	
123	Mechanics of Machinery	AUC 2212	4, 8, 9	
124	Automotive Electrical and Electronics	AUC 2213	4, 8, 9	
125	Automotive Materials and Metallurgy (Integrated course)	AUC 2214	4, 8, 9	
126	Production Process of Automotive Components	AUC 2215	4, 8, 9	
127	Automotive Chassis Laboratory	AUC 2216	4, 8, 9	
128	Automotive Electrical and Electronics Laboratory	AUC 2217	4, 8, 9	
129	Design of Automotive Components	AUC 3101	4, 8, 9	
130	Automotive Transmission	AUC 3102	4, 8, 9	
131	Measurements and Instrumentation	AUC 3103	4, 8, 9	
132	Heat Transfer Laboratory	AUC 3104	4, 8, 9	

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133	Automotive Component Modeling Laboratory	AUC 3105	4, 8, 9	Automobile Engineering
134	Vehicle Dynamics	AUC 3211	4, 8, 9	
135	Vehicle Design Data Characteristics	AUC 3212	4, 8, 9	
136	Vehicle Dynamics Laboratory	AUC 3213	4, 8, 9	
137	Vehicle Components Analysis Laboratory	AUC 3214	4, 8, 9	
138	Vehicle Maintenance Laboratory	AUC 3215	4, 8, 9	
139	Finite Element Analysis of Automotive Components	AUC 4101	4, 8, 9	
140	Two and Three Wheelers Technology (Integrated course)	AUC 4102	4, 8, 9	
141	Automotive Emissions and Control	AUC 4103	4, 8, 9	
142	Engine Testing and Emission Laboratory	AUC 4104	4, 8, 9	
143	Advanced Automobile Components Manufacturing Laboratory	AUC 4105	4, 8, 9	
144	Internship.	AUC 4106	9	
145	Automotive Simulation Laboratory	AUC 4107	4, 8, 9	
146	Project Work	AUC 4211	4, 8, 9	
147	Homologation & Testing	AUCX 01	4, 8, 9	
148	Geometric Dimensioning and Tolerance	AUCX 02	4, 8, 9	
149	Vehicle Engineering & Integration	AUCX 03	4, 8, 9	
150	Automotive HVAC (Heating Ventilation Air Conditioning)	AUCX 04	4, 8, 9	
151	Hybrid and Electric Vehicles	AUCX 05	4, 8, 9	
152	Vehicle Diagnostics	AUCX 06	4, 8, 9	
153	Spark Ignition Engine Technology	AUCX 07	4, 8, 9	
154	Compression Ignition Engine Technology	AUCX 08	4, 8, 9	
155	Automotive Aerodynamics	AUCX 09	4, 8, 9	
156	Vehicle Comfort System and Ergonomics	AUCX 10	4, 8, 9	
157	Design of Hydraulics & Pneumatics Systems for Automotives	AUCX 13	4, 8, 9	
158	Tractor and Agricultural Machineries	AUCX 14	4, 8, 9	
159	Vehicle Control System	AUCX 15	4, 8, 9	
160	Modern and Intelligent Vehicle System	AUCX 16	4, 8, 9	
161	Alternative Fuels and Energy Systems	AUCX 17	4, 8, 9	

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162	Vehicle Networking and Internet of things	AUCX 18	4, 8, 9	Automobile Engineering
163	Automotive Instrumentation & Embedded System	AUCX 19	4, 8, 9	
164	Advanced material testing and failure analysis	AUCX 20	4, 8, 9	
165	Computer aided design and manufacturing	AUCX 21	4, 8, 9	
166	Design of Jigs, Fixtures and Press Tools	AUCX 22	4, 8, 9	
167	Simulation of I.C. Engine Processes	AUCX 23	4, 8, 9	
168	Combustion Thermodynamics and Heat Transfer	AUCX 24	4, 8, 9	
169	Unconventional Energy Sources	AUCX 25	4, 8, 9	
170	Computational Flow and Heat Transfer	AUCX 26	4, 8, 9	
171	Motorsport Engineering	AUCX 27	4, 8, 9	
172	Composite Materials for Automobiles	AUCX 28	4, 8, 9	
173	Traffic Engineering	AUCX 29	4, 8, 9	
174	Surface Engineering	AUCX 30	4, 8, 9	
175	Advanced IC Engine	AUCX 31	4, 8, 9	
176	Fuel Cell Technology	AUCX 32	7	
177	Power Plant Engineering	AUCX 33	7	
178	Heat And Mass Transfer	AUCX 34	4, 8, 9	
179	Automotive Safety Systems	AUCX 35	4, 8, 9	
180	Material Science	MEC 1211	4, 8, 9	Mechanical Engineering
181	Design Appreciation Laboratory	MEC 1212	4, 8, 9	
182	Basic Electrical Engineering	EEC 1283	4, 8, 9	
183	Electrical Engineering Laboratory	EEC 1284	4, 8, 9	
184	Manufacturing Processes	MEC 2101	4, 8, 9	
185	Engineering Metallurgy	MEC 2102	4, 8, 9	
186	Engineering Thermodynamics	MEC 2103	4, 8, 9	
187	Solid Mechanics	MEC 2104	4, 8, 9	
188	Manufacturing Processes Laboratory	MEC 2105	4, 8, 9	
189	Material Testing and Metallurgy Laboratory	MEC 2106	4, 8, 9	
190	Part Modelling Laboratory	MEC 2107	4, 8, 9	
191	Kinematics of Machinery	MEC 2211	4, 8, 9	
192	Fluid Mechanics and Machinery	MEC 2212	4, 8, 9	
193	Metal Cutting and Machine Tools	MEC 2213	4, 8, 9	
194	Machining Laboratory	MEC 2214	4, 8, 9	
195	Product Modelling Laboratory	MEC 2215	4, 8, 9	

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196	Fluid Mechanics and Machinery Laboratory	MEC 2216	4, 8, 9	Mechanical Engineering
197	Dynamics of Machinery	MEC 3101	4, 8, 9	
198	Electronics for Mechanical Systems	ECC 3181	4, 8, 9	Electronics & Communication
199	Thermal Engineering (Integrated Laboratory)	MEC 3102	4, 8, 9	Mechanical Engineering
200	Mechanics Laboratory	MEC 3103	4, 8, 9	
201	Electronics Laboratory	ECC 3182	4, 8, 9	Electronics & Communication
202	Machine Design	MEC 3211	4, 8, 9	Mechanical Engineering
203	Metrology and Mechanical Measurements (Integrated Laboratory)	MEC 3212	4, 8, 9	
204	Heat and Mass Transfer	MEC 3213	4, 8, 9	
205	Heat and Mass Transfer Laboratory	MEC 3214	4, 8, 9	
206	CNC Laboratory	MEC 3215	4, 8, 9	
207	Finite Element Analysis (Integrated Laboratory)	MEC 4101	4, 8, 9	
208	Mechatronics (Integrated Laboratory)	MEC 4102	4, 8, 9	
209	Design of Transmission Systems	MEC 4103	4, 8, 9	
210	Simulation Laboratory	MEC 4104	4, 8, 9	
211	Automobile Laboratory	MEC 4105	4, 8, 9	
212	Internship	MEC 4106	9	
213	Project Work	MEC 4211	4, 8, 9	
214	Advanced Strength of Materials	MECX 01	12	
215	Composite Materials for Manufacture	MECX 02	4, 8, 9	
216	Design of Hydraulics and Pneumatics	MECX 03	4, 8, 9	
217	Noise, Vibration and Harshness	MECX 04	4, 8, 9	
218	Design of Jigs, Fixtures and Press Tools	MECX 05	4, 8, 9	
219	Industrial Problem Solving Techniques	MECX 06	4, 8, 9	
220	Geometric Modelling	MECX 07	4, 8, 9	
221	Reverse Engineering	MECX 08	4, 8, 9	
222	Reliability Engineering	MECX 09	4, 8, 9	
223	Micro Electro Mechanical Systems (MEMS)	MECX 10	4, 8, 9	
224	Geometric Dimensioning and Tolerancing	MECX 11	4, 8, 9	
225	Tool and Die Design	MECX 12	4, 8, 9	

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226	Product Design and Manufacturing	MECX 13	12	Mechanical Engineering
227	Gas Dynamics and Jet Propulsion	MECX 24	7	
228	Energy Conservation and Management	MECX 27	7, 13	
229	Renewable Sources of Energy	MECX 29	7, 13	
230	Solar Engineering	MECX 30	7	
231	Automotive Pollution and Control	MECX 33	7	
232	Fuels and Combustion	MECX 34	7	
233	Alternate Fuels	MECX 35	7	
234	Advanced Production Process for Automotive Components	MECX 49	12	
235	Entrepreneurial Development	MECX 57	8	
236	Rubber Product Manufacturing Technology	PECX 021	8, 12	Polymer Engineering
237	Tyre Manufacturing Technology	PECX 023	8, 9, 12	
238	Plastics Recycling	PECX 024	14	
239	Plastic Waste Management	PECX 025	12	
240	Power Electronics	EEC 2213	7	Electrical Engineering
241	Power Electronics Lab	EEC 2215	7	
242	Power System Planning & Reliability	EECX 02	7	
243	Smart Power Grid	EECX 05	7, 13	
244	Wind Energy Conversion Systems	EECX 06	7	
245	Electric Energy Generation, Utilization and Conservation	EECX 09	7, 13	
246	Solar Energy Technology	EECX 11	7	
247	Pulsed Electric Field and Food Preservation	EECX 45	2	
248	Python Programming	ITCX 88	4	Information Technology
249	Sensors for Bio-Medical Application	EICX 82	3	Electronics & Instrumentation
250	Power Plant Instrumentation	EICX 85	7	
251	Machine Learning	ECCX 24	4	Electrical Engineering
252	Machine Learning	EICX 65	4	Electronics & Instrumentation
253	Green Computing	CSCX 221	7	Computer Science
254	Cyber Laws and Ethics	CSCX 167	16	
255	Animal and Plant cell culture Laboratory	BTC 2217	10	Bio-Technology
256	Fermentation Technology	BTB 4103	2, 3	
257	Nano Biotechnology	BTB 4104	2, 3	
258	Fermentation- Lab	BTB 4105	2, 3	
259	Biomedical Instrumentation Lab	BTB 4106	2, 3	
260	Project work	BTB 4211	2, 3	

S. No.	Name of the Course	Course Code	Mapped with SDGs	Offering Department	
261	Bioreactor Design and Analysis	BTBX 06	2, 3	Bio-Technology	
262	Biosafety and Bioethics	BTBX 09	2, 3		
263	Molecular Farming	BTBX11	2		
264	Biophysics	BTCX 01	2, 3		
265	Industrial Biotechnology	BTCX 02	2, 3		
266	Bio-Organic Chemistry	BTCX 03	2, 3		
267	Molecular Pathology	BTCX 04	2, 3		
268	Food Biotechnology	BTCX 05	2		
269	Cancer Biology	BTCX 06	2, 3		
270	Tissue Engineering	BTCX 07	2, 3		
271	Developmental Biology	BTCX 08	2, 3		
272	Bioseparation Technology	BTCX 09	2, 3		
273	Proteomics and Genomics	BTCX 10	2, 3		
274	Biomedical Instrumentation	BTCX 11	2, 3		
275	Pharmaceutical Biotechnology	BTCX 12	2, 3		
276	Medical Biotechnology	BTCX 13	2, 3		
277	Drug Design and Development	BTCX 14	2, 3		
278	Intellectual Property Rights	BTCX 15	5		
279	Recombinant DNA Technology	BTCX 16	2, 3		
280	Material Science	BTCX 17	2, 3		
281	Molecular and Cellular Diagnostics	BTCX 18	2, 3		
282	Biomedical Engineering	BTCX 19	2, 3		
283	Biosafety and Bioethics	BTCX 20	2, 3		
284	Healthcare Biotechnology	BTCX 21	3		
285	Molecular Farming	BTCX 22	2, 3		
286	Stem Cells in Health Care	BTCX 23	3		
287	Natural Language Processing	ITCX 103	12		Information Technology
288	Machine Learning Algorithms	ITCX 106	4		
289	Health Care Analytics	CACX 55	3	Computer Application	
290	IT governance, Risk and Information security Management	CAC 3203	16		
291	Communication Skills	LSC 1105	8	Life Science	
292	Confidence building behavioural skills	LSC 1206	8		
293	Molecular Biology	LSC 2107	2, 3		
294	Molecular Biology Lab	LSC 2108	2, 3		
295	Enzymology	LSC 2109	2, 3		
296	Enzymology Lab	LSC 2110	2, 3		
297	Biostatistics	LSC 2105	2, 3		
298	Quantitative Aptitude & Reasoning -I	LSC 2106	2, 3		
299	Bioprocess Technology	LSC 2201	2, 3		
300	Bioprocess Technology Lab	LSC 2207	2, 3		
301	Bioinstrumentation	LSC 2208	2, 3		

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302	Bioinstrumentation Lab	LSC 2209	2, 3	Life Science
303	Biophysics	LSC 2205	2, 3	
304	Quantitative Aptitude & Reasoning -II	LSC 2206	2, 3	
305	Plant Biotechnology	LSC 3101	2, 3	
306	Plant Biotechnology Lab	LSC 3102	2, 3	
307	Animal Biotechnology	LSC 3103	2, 3	
308	Animal Biotechnology Lab	LSC 3104	2, 3	
309	Environmental Science	LSC 3105	2, 3	
310	Immunotechnology	LSC 3201	2, 3	
311	Genomics and Proteomics	LSC 3202	2, 3	
312	Immunology Lab	LSC 3203	2, 3	
313	Genomics and Proteomics lab	LSC 3204	2, 3	
314	Mini Project (Research)	LSC 3205	2, 3	
315	Cytogenetics	LSCX 102	2, 3	
316	Biofertilizer Technology	LSCX 103	2, 3	
317	Agricultural Biotechnology	LSCX 201	2, 3	
318	Herbal Technology	LSCX 202	2, 3	
319	Disease Management	LSCX 203	2, 3	
320	Human physiology	LSCX 111	2, 3	
321	Medical Biotechnology	LSCX 112	2, 3	
322	Bioinformatics	LSCX 113	2, 3	
323	Bioethics, IPR and Biosafety	LSCX 114	2, 3	
324	Environmental Biotechnology	LSCX 115	2, 3	
325	Nanobiotechnonology	LSCX 211	2, 3	
326	Cancer Biology	LSCX 212	2, 3	
327	Pharmacology	LSCX 213	2, 3	
328	Regenerative Medicine	LSCX 214	2, 3	
329	rDNA Technology	LSCX 215	2, 3	
330	Industrial Biotechnology	LSCX 121	2, 3	
331	Pharmaceutical Biotechnology	LSCX 122	2, 3	
332	Fermentation Technology	LSCX 221	2, 3	
333	Healthcare Biotechnology	LSCX 222	2, 3	
334	Drug Design and Development	LSCX 223	2, 3	
335	Pharmaceutical Analysis I – Practical	BP 108P	3	
336	Pharmaceutics I – Practical	BP 109P	3	
337	Pharmaceutical Inorganic Chemistry – Practical	BP 110P	3	
338	Remedial Biology – Practical	BP 112RBP	2	
339	Human Anatomy and Physiology II – Theory	BP 201T	3	
340	Pharmaceutical Organic Chemistry I – Theory	BP 202T	3	
341	Biochemistry – Theory	BP 203T	3	

S. No.	Name of the Course	Course Code	Mapped with SDGs	Offering Department
342	Pathophysiology – Theory	BP 204T	3	Pharmacy
343	Computer Applications in Pharmacy – Theory	BP 205T	3	
344	Environmental sciences – Theory	BP 206T	3	
345	Human Anatomy and Physiology II – Practical	BP 207P	3	
346	Pharmaceutical Organic Chemistry I– Practical	BP 208P	3	
347	Biochemistry – Practical	BP 209P	3	
348	Computer Applications in Pharmacy – Practical	BP 210P	3	
349	Pharmaceutical Organic Chemistry II – Theory	BP 301T	3	
350	Physical Pharmaceutics I – Theory	BP 302T	3	
351	Pharmaceutical Microbiology – Theory	BP 303T	3	
352	Pharmaceutical Engineering – Theory	BP 304T	3	
353	Pharmaceutical Organic Chemistry II – Practical	BP 305P	3	
354	Physical Pharmaceutics I – Practical	BP 306P	3	
355	Pharmaceutical Microbiology – Practical	BP 307P	3	
356	Pharmaceutical Engineering – Practical	BP 308P	3	
357	Pharmaceutical Organic Chemistry III– Theory	BP 401T	3	
358	Medicinal Chemistry I – Theory	BP 402T	3	
359	Physical Pharmaceutics II – Theory	BP 403T	3	
360	Pharmacology I – Theory	BP 404T	3	
361	Pharmacognosy and Phytochemistry I– Theory	BP 405T	3	
362	Medicinal Chemistry I – Practical	BP 406P	3	
363	Physical Pharmaceutics II – Practical	BP 407P	3	
364	Pharmacology I – Practical	BP 408P	3	
365	Pharmacognosy and Phytochemistry I – Practical	BP 409P	3	
366	Medicinal Chemistry II – Theory	BP 501T	3	
367	Industrial PharmacyI– Theory	BP 502T	3	
368	Pharmacology II – Theory	BP 503T	3	
369	Pharmacognosy and Phytochemistry II– Theory	BP 504T	3	

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370	Pharmaceutical Jurisprudence – Theory	BP 505T	3	Pharmacy	
371	Industrial Pharmacy – Practical	BP 506P	3		
372	Pharmacology II – Practical	BP 507P	3		
373	Pharmacognosy and Phytochemistry II – Practical	BP 508P	3		
374	Medicinal Chemistry III – Theory	BP 601T	3		
375	Pharmacology III – Theory	BP 602T	3		
376	Herbal Drug Technology – Theory	BP 603T	3		
377	Quality Assurance – Theory	BP 606T	3		
378	Medicinal chemistry III – Practical	BP 607P	3		
379	Pharmacology III – Practical	BP 608P	3		
380	Herbal Drug Technology – Practical	BP 609P	3		
381	Instrumental Methods of Analysis – Theory	BP 701T	3		
382	Industrial Pharmacy II – Theory	BP 702T	3		
383	Pharmacy Practice – Theory	BP 703T	3		
384	Novel Drug Delivery System – Theory	BP 704T	3		
385	Instrumental Methods of Analysis – Practical	BP 705P	3		
386	Practice School	BP 706PS	3		
387	Biostatistics and Research Methodology	BP 801T	3		
388	Social and Preventive Pharmacy	BP 802T	10		
389	Pharma Marketing Management	BP 803ET	3		
390	Pharmaceutical Regulatory Science	BP 804ET	3		
391	Pharmacovigilance	BP 805ET	3		
392	Quality Control and Standardization of Herbals	BP 806ET	3		
393	Computer Aided Drug Design	BP 807ET	3		
394	Cell and Molecular Biology	BP 808ET	3		
395	Cosmetic Science	BP 809ET	3		
396	Experimental Pharmacology	BP 810ET	3		
397	Green Literature	ENCX 11	11		English
398	Building Materials and Construction - I	AR C 1104	7		Architecture
399	Skill Development – I	AR C 1105	4		
400	Climatic Design	AR C 2102	13		
401	Green and Sustainable Design	AR C 4203	7,11		
402	Urban Design	AR C 5103	11		
403	Urban Housing	AR C 5111	11		
404	Advanced Structures	AR C 5113	7,9		
405	Earthquake Resistant Buildings	AR C 5114	13		

S. No.	Name of the Course	Course Code	Mapped with SDGs	Offering Department
406	Sustainable Architecture and Planning	AR C 5211	7,11	Architecture
407	Disaster Mitigation and Built Back Better	AR C 4212	13	
408	Entrepreneurship in Design	AR C 4211	8	
409	Energy Efficient Design	IA C X02	7	Interior Architecture
410	Advanced Building Energy Efficiency	IA C X06	7	
411	Advanced Product design	IA C X07	7	
412	Advanced Lighting design	IA C X08	7	
413	Entrepreneurship In Design	IA C X09	8	
414	Principles of Economics	SSC 1184	1	Social Science
415	Introduction to Law	BLC 1102	16	Law
416	Constitutional Law-I	BLC 2103	16	
417	Financial Services	BLC 2105	1	
418	Public International Law	BLC 3101	16	
419	Company Law	BLC 3102	16	
420	Human Rights – Honours I	BLC 3103	5,16	
421	Business Environment	BLC 3106	8	
422	Law of Evidence	BLC 3201	16	
423	Labour Law- I	BLC 3203	16	
424	Environmental law	BLC 3204	11,16	
425	Administrative Law	BLC 3207	16	
426	Property Law	BLC 4101	16	
427	Banking and Finance System	BLC 4203	1,8	
428	Child Law – Honours V	BLC 5102	16	
429	Taxation Law	BLC 5201	16	
430	Insurance Law – Honours VIII	BLC 5203	16	
431	Cyber Laws	BLC 5204	16	
432	Health Law	BLDX 002	3	
433	Law on Education	BLCX 004	4,5,16	
434	Media and Law	BLCX 012	16	
435	Local Laws	BLCX 013	16	
436	Women and Law	BLCX 022	5,16	
437	Private International Law	BLCX 023	16	
438	Humanitarian and Refugee Law	BLCX 024	16	
439	Indian Economy – Problems and Development	BLD 1206	12	
440	Constitutional Law-I	BLD 2103	16	
441	Financial Services	BLD 2105	1	
442	Administrative Law	BLD 2201	16	
443	Entrepreneurial Development	BLD 2205	8	
444	Social and Political Thoughts In India	BLD 1208	10	
445	Law and Social Change	BLD 2108	10	

S. No.	Name of the Course	Course Code	Mapped with SDGs	Offering Department	
446	Smart Cities	CEDY 115	11	Civil Engineering	
447	Structural Health Monitoring	CEDY 116	3		
448	Green Building and Energy Efficient Structures	CEDY 206	7,11		
449	Soil - Structure Interaction	CEDY 208	2		
450	Soil Dynamics and Machine Foundation	CEDY 209	2		
451	Wind and Cyclone Effects on Structures	CEDY 213	13		
452	Green concepts in Building Environment	CEDY 233	7,11		
453	Social Computing	GEDY 106	10		
454	Principles of Sustainable Development	GEDY 109	11		
455	Modern Construction Materials and Practices	CED 6122	12		
456	Urban and Regional Planning	CEDY 225	11		
457	Sustainable Development	CEDY 226	11		
458	Construction Demolition and Waste Management	CEDY 230	12		
459	Environment and Energy for Sustainable Construction	CEDY 231	11		
460	Urban Transportation Infrastructure	CEDY 122	11		
461	Urban Infrastructure and Network Planning	CEDY 123	7,11		
462	Urban Sanitation and Feacal Sludge Management	CEDY 124	11		
463	Geo-Informatics for Urban / Rural Management	CEDY 126	11		
464	Wind Energy Conversion Systems	EEDY 012	7		Electrical Engineering
465	Solar and Energy Storage System	EEDY 025	7		
466	Solar Power System Design	EEDY 027	7		
467	Internet of Things	ECDY 024	8	Electronics & Communication	
468	Interoperability Challenges in Internet of Things	ECDY 084	8		
469	Statistical Natural Language Processing	CSDY 032	12	Computer Science	
470	Green Computing Technology	ITDY 117	11	Information Technology	
471	Internet and Java Programming	CAD 7102	4	Computer Application	
472	Python Programming	CAD 8101	4		
473	Social Entrepreneurship	CAD 8106	8		
474	Health Care Analytics	CADY 403	3		

S. No.	Name of the Course	Course Code	Mapped with SDGs	Offering Department
475	Accounting and Financial Management	CADY 002	1	Computer Application
476	Financial Management	MSD 6203	1	Management Studies
477	Human Resources Management	MSD 6204	5	
478	International Financial Management	MSDY 018	1	
479	Strategic Financial Management	MSDY 019	1	
480	International Trade and Economic Environment	MSDY 097	2	
481	Health care in India: Strategic Perspectives	GEDY 135	3	Civil Engineering
482	Plant and Animal Biotechnology	LSD 7102	10	Life Science
483	Food Process Technology	LSDY 027	12	
484	Food Process Technology	LSDY 103	2	
485	Biofuel and Bio energy	LSDY 205	7	
486	Industrial, Food and Agricultural Microbiology	LSD 7122	2	
487	Green chemistry	CHDY 001	11	Chemistry
488	Water And Solid Waste Management	CHDY 015	6	
489	Fuel Cells and Applications	CHDY 028	7	
490	Solar energy	CHDY 030	7	
491	Carbon and ceramic nanomaterials	CHDY 034	13	
492	Sustainable Practices in Design	AR A Y110	11	Architecture
493	Disaster Resilient Design	AR A Y108	13	
494	Human Resource Management	COC 3202	16	Commerce
495	Human Resources Management	COCX 25	16	
496	Global Business Strategy	COC 6203	17	
497	Financial Markets	COCY 01	1	
498	Wealth Management	COCY 02	1	
499	Environmental Management and Green Marketing	COCY 08	11	
500	Human Rights Education	COCY 102	5,16	