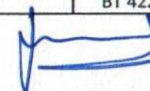# List of new courses introduced during the last five years

S.No.	Name of the programme	Name of the Course	Course Code	Year of introduction (during the last five years)	OLD/NEW course
1	M.Tech. in Cyber Security	Business and Management Accounting II	ACC 102	2018	NEW
2	B.Tech. in Biotechnology	Connect with Community and Nature	AOC 101	2017	NEW
3	B.Tech. in Communication and Computer Engineering	Discovering Self	AOC 1101	2021	NEW
4	B.Tech. in Computer Science and Engineering	Dance and Music	AOC 111	2017	NEW
5	B.Tech. in Electronics and Communication Engineering	Fine & Digital Arts	AOC 121	2017	NEW
6	Master of Science (Integrated) in Computer Science	Organizing and Managing University/Students activity or events	AOC 131	2017	NEW
7	B.Tech. in Biotechnology	Photography	AOC 141	2017	NEW
8	B.Tech. in Computer Science and Engineering	Health exercise and Sports	AOC 151	2017	NEW
9	B.Tech. in Electronics and Communication Engineering	Theatre	AOC 161	2017	NEW
10	B.Tech. in Biotechnology	Swachh Bharat	AOC 171	2018	NEW
11	Master of Business Administration (Integrated)	Unnat Bharat Abhiyan	AOC 181	2020	NEW
12	B.Tech. in Computer Science and Engineering	Value Based Leadership	AOC 191	2021	NEW
13	Master of Business Administration (Integrated)	Fundamentals of Business Analysis Techniques	BA 101	2018	NEW
14	Master of Business Administration (Integrated)	Spreadsheet Modelling and Decision Analysis	BA 302	2021	NEW
15	Master of Business Administration (Integrated)	Information Security and Risk Management	BA 401	2021	NEW
16	Master of Business Administration (Integrated)	Machine Learning	BA 411	2021	NEW
17	MBA in Business Analytics	Financial Analytics	BA 504	2017	NEW
18	MBA in Business Analytics	Advanced SAS	BA 514	2017	NEW
19	Master of Business Administration (Integrated)	Predictive Analytics	BA 522	2021	NEW
20	MBA in Business Analytics	Prescriptive Analytics	BA 524	2020	NEW
21	MBA in Business Analytics	Stochastic Optimization Processes	BA 533	2020	NEW
22	MBA in Business Analytics	Advanced SQL for BI	BA 534	2020	NEW
23	MBA in Business Analytics	Analytics Practicum Part I	BA 601	2017	NEW
24	B.Tech. in Biotechnology	Cheminformatics	BI 401	2020	NEW
25	B.Tech. in Biotechnology	Molecular Modelling and Drug Design	BI 441	2019	NEW
26	Master of Business Administration (Integrated)	Corporate Governance	BLA 301	2021	NEW
27	Master of Business Administration (Integrated)	Banking Products & Operations	BNK 302	2021	NEW
28	Post Graduate Diploma in Banking and Relationship Management	Digital Banking	BNK 552	2021	NEW
29	B.Tech. in Biotechnology	Capstone Project I	BT 321	2019	NEW
30	B.Tech. in Biotechnology	Plant and Animal Biotechnology	BT 331	2019	NEW
31	B.Tech. in Biotechnology	Waste Water Management	BT 4131	2019	NEW
32	B.Tech. in Biotechnology	Biosensers	BT 4141	2019	NEW
33	B.Tech. in Biotechnology	Enzyme Technology	BT 4151	2019	NEW
34	B.Tech. in Biotechnology	Capstone Project II	BT 4161	2019	NEW
35	B.Tech. in Biotechnology	Cancer Biology	BT 4171	2020	NEW
36	B.Tech. in Biotechnology	Virology	BT 4181	2020	NEW
37	B.Tech. in Biotechnology	Biopharmaceuticals	BT 4191	2020	NEW
38	B.Tech. in Biotechnology	Biomedical Engineering	BT 4201	2020	NEW
39	B.Tech. in Biotechnology	Gene expression & regulation	BT 4211	2020	NEW
40	B.Tech. in Biotechnology	Food Microbiology	BT 4221	2020	NEW

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41	B.Tech. in Biotechnology	Food Process Technology	BT 4231	2020	NEW
42	B.Tech. in Biotechnology	Food Preservation Technology	BT 4241	2020	NEW
43	B.Tech. in Biotechnology	Food Process Engineering	BT 4251	2020	NEW
44	B.Tech. in Biotechnology	Food Analysis & Quality Control	BT 4261	2020	NEW
45	B.Tech. in Biotechnology	Food Packaging Technology	BT 4271	2020	NEW
46	B.Tech. in Biotechnology	Chemistry	CHM 111	2017	NEW
47	MBA in Business Analytics	Professional Skills and Cross-cultural Dimensions of Business	CLP 504	2017	NEW
48	MBA in Business Analytics	Business Communication II	CLP 523	2020	NEW
49	Master of Business Administration (Integrated)	Introduction to Computing & Information Systems	CS 101	2020	NEW
50	B.Tech. in Cyber Security	Cryptography	CS 252	2021	NEW
51	B.Tech. in Cyber Security	Network Security	CS 262	2021	NEW
52	B.Tech. in Computer Science and Engineering	Advanced Databases	CS 3102	2017	NEW
53	Master of Science (Integrated) in Computer Science	Multi-device Programming	CS 3112	2017	NEW
54	B.Tech. in Computer Science and Engineering	Mobile Communication and Security	CS 3122	2019	NEW
55	B.Tech. in Computer Science and Engineering	Cloud Computing Concepts	CS 3132	2019	NEW
56	B.Tech. in Computer Science and Engineering	Advance Computer Networks	CS 3142	2019	NEW
57	B.Tech. in Cyber Security	Cloud Security	CS 3162	2021	NEW
58	B.Tech. in Computer Science and Engineering	Advanced Java Programming	CS 341	2017	NEW
59	B.Tech. in Cyber Security	Secure Programming and Application Security	CS 371	2021	NEW
60	B.Tech. in Data Science	Foundations of Machine Learning	CS 381	2021	NEW
61	B.Tech. in Computer Science and Engineering	Capstone Project I	CS 392	2017	NEW
62	B.Tech. in Computer Science and Engineering	Full Stack Programming	CS 4161	2017	NEW
63	B.Tech. in Computer Science and Engineering	Software Product Engineering	CS 4181	2017	NEW
64	Master of Science (Integrated) in Computer Science	Capstone Project II	CS 4191	2017	NEW
65	Master of Science (Integrated) in Computer Science	Blockchain Technology and Application	CS 4201	2019	NEW
66	B.Tech. in Computer Science and Engineering	Parallel & Distributed Computing	CS 4211	2019	NEW
67	B.Tech. in Computer Science and Engineering	Cloud Services and Technologies	CS 4221	2019	NEW
68	B.Tech. in Computer Science and Engineering	Fog and Edge Networks	CS 4231	2019	NEW
69	B.Tech. in Computer Science and Engineering	Cyber Forensics	CS 4241	2021	NEW
70	B.Tech. in Cyber Security	AI in Cyber Security	CS 4251	2021	NEW
71	M.Tech. in Cyber Security	Analytics and Big Data	CS 502	2020	NEW
72	MBA in Intelligent Data Science	AWS Big Data Analytics	CS 504	2019	NEW
73	M.Tech. in Cyber Security	Blockchain Security	CS 5112	2020	NEW
74	M.Tech. in Cyber Security	Vulnerability Assessment & Penetration Testing	CS 512	2020	NEW
75	MBA in Intelligent Data Science	Machine Learning for Data Science	CS 513	2019	NEW
76	M.Tech. in Cyber Security	Cyber Security Operations	CS 5132	2020	NEW
77	MBA in Intelligent Data Science	Azure Big Data Analytics	CS 514	2019	NEW
78	M.Tech. in Cyber Security	AI and ML in Cyber Security	CS 5152	2020	NEW
79	M.Tech. in Cyber Security	Industrial Control Systems & SCADA Security	CS 5172	2020	NEW
80	M.Tech. in Cyber Security	IOT Security	CS 5192	2020	NEW
81	M.Tech. in Cyber Security	Threat intelligence	CS 5202	2020	NEW
82	M.Tech. in Cyber Security	Platform and Cloud Security	CS 521	2020	NEW
83	M.Tech. in Cyber Security	Advanced Cyber Security Tools for IOT & Blockchain Security	CS 522	2020	NEW
84	M.Tech. in Cyber Security	Advanced Cyber Security Tools for INFRASEC & VM	CS 5221	2020	NEW
85	M.Tech. in Cyber Security	Advanced Cyber Security Tools for Cyber Defense Operations	CS 5222	2020	NEW
86	MBA in Intelligent Data Science	Essentials of Natural Language Processing	CS 523	2019	NEW
87	MBA in Intelligent Data Science	Deep Learning and Neural Networks	CS 524	2019	NEW
88	M.Tech. in Cyber Security	Cryptography	CS 531	2020	NEW

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89	M.Tech. in Cyber Security	Advance Network Security Part-I	CS 532	2020	NEW
90	MBA in Business Analytics	Advanced Programming for Analysts	CS 533	2020	NEW
91	MBA in Intelligent Data Science	Robotics Process Automation	CS 534	2019	NEW
92	B.Tech. in Cyber Security	Information Security Risk Assessment	CS 541	2021	NEW
93	M.Tech. in Cyber Security	Advance Network Security Part-I	CS 542	2020	NEW
94	MBA in Business Analytics	Machine Learning for Analysts	CS 543	2020	NEW
95	MBA in Business Analytics	Introduction to Artificial Intelligence	CS 544	2020	NEW
96	M.Tech. in Cyber Security	Cyber Security Tools	CS 551	2020	NEW
97	M.Tech. in Cyber Security	Security Analytics	CS 552	2020	NEW
98	M.Tech. in Cyber Security	Cyber Forensics	CS 572	2020	NEW
99	M.Tech. in Cyber Security	Cyber Crimes & Cyber Laws	CS 582	2020	NEW
100	M.Tech. in Cyber Security	Social Media, Behavioural Aspects	CS 592	2020	NEW
101	Doctoral Programme	Advanced Cryptography	CS 711	2017	NEW
102	Doctoral Programme	Wireless and Mobile Communications	CS 721	2017	NEW
103	Doctoral Programme	Empirical Research Methodology	CS 731	2018	NEW
104	Doctoral Programme	Mining Software Repositories	CS 741	2018	NEW
105	Doctoral Programme	Introduction to Data Analytics	CS 751	2018	NEW
106	B.Tech. in Data Science	Foundations of Data Science	DS 201	2021	NEW
107	B.Tech. in Data Science	Data Visualization	DS 211	2021	NEW
108	B.Tech. in Data Science	Statistical Methods for Data Science	DS 212	2021	NEW
109	B.Tech. in Data Science	Optimization for Data Science	DS 222	2021	NEW
110	Master of Business Administration (Integrated)	Data Science using R	DS 302	2021	NEW
111	B.Tech. in Data Science	Introduction to Artificial Intelligence & Deep Learning	DS 312	2021	NEW
112	B.Tech. in Data Science	Numerical Methods for Data Science	DS 401	2021	NEW
113	MBA in Intelligent Data Science	Fundamentals of Data Science	DS 501	2018	NEW
114	MBA in Intelligent Data Science	Capstone Project	DS 504	2019	NEW
115	B.Tech. in Electronics and Communication Engineering	Radar Engineering	EC 451	2018	NEW
116	B.Tech. in Electronics and Communication Engineering	Capstone I Project	EC 461	2017	NEW
117	Master of Business Administration (Integrated)	Principles of Micro-economics & Macro-economics	ECON 101	2018	NEW
118	Master of Business Administration (Integrated)	Business Economics II	ECON 112	2018	NEW
119	Post Graduate Diploma in Banking and Relationship Management	Economics	ECON 501	2020	NEW
120	B.Tech. in Electronics and Communication Engineering	Selected Topics in Electronics and Communications	EL 212	2017	NEW
121	B.Tech. in Communication and Computer Engineering	Analog and Integrated Electronics	EL 221	2021	NEW
122	B.Tech. in Communication and Computer Engineering	Digital and Distributed Control Theory	EL 331	2021	NEW
123	B.Tech. in Communication and Computer Engineering	Wireless Broadband Communication Technology	EL 342	2021	NEW
124	B.Tech. in Electronics and Communication Engineering	Real-Time Operating Systems	EL 352	2021	NEW
125	B.Tech. in Electronics and Communication Engineering	Kinematics of Robotics	EL 362	2021	NEW
126	B.Tech. in Electronics and Communication Engineering	Architecture, Protocols and Design Principles of IOT	EL 372	2021	NEW
127	B.Tech. in Electronics and Communication Engineering	Cellular and Mobile Communication	EL 421	2018	NEW
128	B.Tech. in Electronics and Communication Engineering	Advanced Wireless Broadband Communications	EL 431	2018	NEW
129	B.Tech. in Electronics and Communication Engineering	Introduction to Nano-Photonics	EL 441	2019	NEW
130	Master of Business Administration (Integrated)	Environment & Sustainability	ENV 311	2020	NEW
131	B.Tech. in Biotechnology	Environmental Sustainability	ENV 401	2018	NEW
132	Master of Design in Learning Design	Gamification	ET 542	2018	NEW
133	Master of Business Administration (Integrated)	Introduction to Financial Reporting & Business Metrics	FIN 101	2018	NEW
134	Master of Business Administration (Integrated)	Introduction to Banking & Financial Services Industry	FIN 302	2021	NEW
135	Master of Business Administration (Integrated)	Designing Financial Products	FIN 401	2021	NEW
136	Master of Business Administration (Integrated)	Introduction to Blockchain Technology	FIN 411	2021	NEW

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137	Post Graduate Diploma in Banking and Relationship Management	Investment Analysis & Portfolio Management	FIN 542	2021	NEW
138	M.Tech. in Geographic Information Systems	Artificial Neural Network in GIS	GIS 641	2021	NEW
139	Master of Business Administration (Integrated)	Organization Development and Change Management	HRM 302	2022	NEW
140	Master of Business Administration (Integrated)	Team Building and Leadership	HRM 321	2022	NEW
141	Master of Business Administration (Integrated)	Understanding Human Behaviour and Human Mind	HSS 101	2018	NEW
142	Master of Business Administration (Integrated)	Indian Society - Structure and Change	HSS 111	2018	NEW
143	B.Tech. in Biotechnology	Indian Thoughts and Tradition	HSS 211	2018	NEW
144	B.Tech. in Electronics and Communication Engineering	Selected Readings	HSS 301	2017	NEW
145	B.Tech. in Biotechnology	Science, Technology and Society	HSS 411	2017	NEW
146	Master of Business Administration (General)	Information Systems for Managers	ITM 513	2019	NEW
147	Master of Design in Learning Design	Learning Science I	LD 501	2018	NEW
148	Master of Design in Learning Design	Learning Science 2	LD 502	2018	NEW
149	Master of Design in Learning Design	Foundations of Learning Design	LD 511	2018	NEW
150	Master of Design in Learning Design	Design Methods I	LD 521	2018	NEW
151	Master of Design in Learning Design	The Edge of Learning Design	LD 522	2018	NEW
152	Master of Design in Learning Design	Project: Intervention Lab	LD 531	2018	NEW
153	Master of Design in Learning Design	Design Methods 2	LD 532	2018	NEW
154	Master of Design in Learning Design	Project: Curriculum Lab	LD 542	2018	NEW
155	Master of Science (Integrated) in Computer Science	Remedial Math - I	MAT 011	2017	NEW
156	Master of Science (Integrated) in Computer Science	Remedial Math - II	MAT 012	2017	NEW
157	Master of Science (Integrated) in Computer Science	Remedial Math - III	MAT 022	2017	NEW
158	Master of Business Administration (Integrated)	Fundamentals of Business Mathematics	MAT 111	2018	NEW
159	B.Tech. in Cyber Security	Mathematical Foundation of Cyber Security	MAT 241	2021	NEW
160	Post Graduate Diploma in Banking and Relationship Management	Business Statistics	MAT 511	2020	NEW
161	Master of Business Administration (Integrated)	Social Action Project	MGP 402	2021	NEW
162	Master of Business Administration (Integrated)	Business Organisations and Management	MGT 101	2018	NEW
163	Master of Business Administration (Integrated)	Contemporary Business Issues	MGT 111	2018	NEW
164	Bachelor of Business Administration	Office Productivity Tools	MGT 121	2021	NEW
165	Master of Business Administration (Integrated)	Business Environment	MGT 122	2018	NEW
166	Master of Business Administration (Integrated)	International Business Management	MGT 242	2021	NEW
167	Master of Business Administration (Integrated)	Innovation & Entrepreneurship	MGT 311	2020	NEW
168	Master of Business Administration (Integrated)	Project Management	MGT 312	2020	NEW
169	Master of Business Administration (Integrated)	Capstone Project I	MGT 322	2021	NEW
170	Master of Business Administration (Integrated)	Business Laws & Applications	MGT 351	2020	NEW
171	Master of Business Administration (General)	Capstone Project II	MGT 441	2021	NEW
172	Master of Business Administration (Integrated)	Introduction to Digital Marketing	MKT 302	2021	NEW
173	Master of Business Administration (Integrated)	Sales & Distribution Management	MKT 311	2020	NEW
174	Master of Business Administration (Integrated)	Social Media Marketing	MKT 312	2021	NEW
175	Master of Business Administration (Integrated)	Marketing Research	MKT 321	2020	NEW
176	Master of Business Administration (Integrated)	Introduction to Digital & Social Media Marketing	MKT 322	2022	NEW
177	Master of Business Administration (Integrated)	Services Marketing	MKT 401	2021	NEW
178	Master of Business Administration (Integrated)	Consumer Behaviour for Digital Marketers	MKT 411	2021	NEW
179	Post Graduate Diploma in Banking and Relationship Management	Understanding Marketing	MKT 531	2020	NEW
180	Post Graduate Diploma in Banking and Relationship Management	Customer Interaction Skills	MKT 532	2021	NEW
181	Master of Business Administration (Integrated)	Integrated Marketing Communication	MKT 611	2021	NEW
182	B.Tech. in Biotechnology	Summer Industry Internship	NU 321	2019	NEW
183	Master of Design in Learning Design	Independent Reading and Writing Course - 1	NU 651	2018	NEW
184	MBA in Business Analytics	Internship I	NUBA 601	2017	NEW

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185	M.Tech. in Cyber Security	Internship	NUCS 601	2020	NEW
186	M.Tech. in Cyber Security	Internship	NUCS 602	2020	NEW
187	Master of Design in Learning Design	Internship	NULD 602	2018	NEW
188	B.Tech. in Electronics and Communication Engineering	Fundamentals of Psychology	PSY 301	2019	NEW
189	Master of Business Administration (Integrated)	Communication in English	TA 121	2018	NEW
190	Master of Business Administration (Integrated)	Business Report Writing	TA 122	2018	NEW
191	Master of Business Administration (Integrated)	Leadership & Team Building Skills	TA 211	2021	NEW
192	Master of Business Administration (Integrated)	Negotiation Skills	TA 311	2020	NEW
193	Master of Business Administration (Integrated)	Design Thinking & Critical Analysis	TA 321	2020	NEW
194	Master of Design in Learning Design	Communication for Marketing	TA 541	2018	NEW

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