

1.3.2 Number of certificate/ value added courses/ Diploma Programmes offered by the institutions and online courses of MOOCs, SWAYAM/e-PG Pathshala/ NPTEL and other recognized platforms where the students of the institution have enrolled and successfully completed during the last five year								
Sr. No	Name of the course/programme	Course/Programme code	Mode of the Course-offered by the HEI or Online (Specify the platform like MOOCs, SWAYAM, etc.)	Year of offering /Year of enrolment	Contact hours of course	Number of students enrolled in the year	Number of Students completing the course in the year	Link to the relevant document
	SWAYAM JUN-DEC 2021							
1	Organic Farming for Sustainable Agricultural Production	noc21-ag05	SWAYAM- online	2021-2022	8 WEEKS	1	1	Sample of brochures of Swayam courses - jun-dec 2021
2	Architectural Acoustics	noc21-ar06	SWAYAM- online	2021-2022	8 WEEKS	2	0	
3	Culturally Responsive Built Environments	noc21-ar07	SWAYAM- online	2021-2022	8 WEEKS	1	0	
4	Contemporary Architecture and Design	noc21-ar08	SWAYAM- online	2021-2022	8 WEEKS	1	0	
5	Introduction to Urban Planning	noc21-ar12	SWAYAM- online	2021-2022	8 WEEKS	1	0	
6	Principles and applications of building science	noc21-ar15	SWAYAM- online	2021-2022	4 WEEKS	1	1	
7	Visual Communication Design for Digital Media	noc21-ar17	SWAYAM- online	2021-2022	4 WEEKS	1	3	
8	Industrial Biotechnology	noc21-bt23	SWAYAM- online	2021-2022	12 WEEKS	1	0	
9	Introduction to Proteogenomics	noc21-bt25	SWAYAM- online	2021-2022	12 WEEKS	1	0	
10	Introduction to proteomics	noc21-bt26	SWAYAM- online	2021-2022	8 WEEKS	1	1	
11	Computer Aided Drug Design	noc21-bt29	SWAYAM- online	2021-2022	8 WEEKS	1	1	
12	Biomedical nanotechnology	noc21-bt30	SWAYAM- online	2021-2022	4 WEEKS	3	2	
13	Introduction to mechanobiology	noc21-bt31	SWAYAM- online	2021-2022	8 WEEKS	1	0	
14	Introduction to Biostatistics	noc21-bt32	SWAYAM- online	2021-2022	8 WEEKS	1	0	List of students registered for SWAYAM jun-dec 2021
15	Tissue engineering	noc21-bt33	SWAYAM- online	2021-2022	8 WEEKS	1	1	
16	Genetic Engineering: Theory And Application	noc21-bt35	SWAYAM- online	2021-2022	12 WEEKS	2	0	
17	Experimental Biotechnology	noc21-bt36	SWAYAM- online	2021-2022	12 WEEKS	1	0	
18	Drug Delivery: Principles and Engineering	noc21-bt37	SWAYAM- online	2021-2022	12 WEEKS	1	1	
19	Functional Genomics	noc21-bt39	SWAYAM- online	2021-2022	4 WEEKS	4	0	
20	Introduction to Dynamical Models in Biology	noc21-bt42	SWAYAM- online	2021-2022	4 WEEKS	1	0	
21	Wildlife Ecology	noc21-bt45	SWAYAM- online	2021-2022	12 WEEKS	1	0	
22	Animal Physiology	noc21-bt46	SWAYAM- online	2021-2022	12 WEEKS	2	0	
23	Cell Culture Technologies	noc21-bt47	SWAYAM- online	2021-2022	8 WEEKS	1	0	
24	Fundamentals of Protein Chemistry	noc21-bt48	SWAYAM- online	2021-2022	12 WEEKS	1	0	
25	Immunology	noc21-bt49	SWAYAM- online	2021-2022	12 WEEKS	6	0	
26	Introduction to Biomedical Imaging Systems	noc21-bt50	SWAYAM- online	2021-2022	12 WEEKS	1	1	
27	Chemical Reaction Engineering-I	noc21-ch33	SWAYAM- online	2021-2022	12 WEEKS	1	0	
28	Algorithms for protein modelling and engineering	noc21-cs100	SWAYAM- online	2021-2022	12 WEEKS	1	0	
29	Programming in C++	noc21-cs55	SWAYAM- online	2021-2022	12 WEEKS	3	0	
30	Programming in Java	noc21-cs56	SWAYAM- online	2021-2022	12 WEEKS	1	0	
31	Data Base Management System	noc21-cs58	SWAYAM- online	2021-2022	8 WEEKS	1	0	
32	Cloud computing	noc21-cs62	SWAYAM- online	2021-2022	12 WEEKS	4	1	
33	Introduction to Internet of Things	noc21-cs63	SWAYAM- online	2021-2022	12 WEEKS	1	0	
34	Software Engineering	noc21-cs65	SWAYAM- online	2021-2022	12 WEEKS	2	1	
35	Programming, Data Structures And Algorithms Using Python	noc21-cs67	SWAYAM- online	2021-2022	8 WEEKS	1	0	
36	Data Science for Engineers	noc21-cs69	SWAYAM- online	2021-2022	8 WEEKS	1	0	
37	Introduction to Operating Systems	noc21-cs72	SWAYAM- online	2021-2022	8 WEEKS	1	0	
38	Software Testing	noc21-cs73	SWAYAM- online	2021-2022	12 WEEKS	1	0	
39	The Joy of Computing using Python	noc21-cs75	SWAYAM- online	2021-2022	12 WEEKS	3	0	
40	Introduction To Haskell Programming	noc21-cs77	SWAYAM- online	2021-2022	8 WEEKS	1	0	
41	Python for Data Science	noc21-cs78	SWAYAM- online	2021-2022	4 WEEKS	4	0	
42	C Programming and Assembly Language	noc21-cs81	SWAYAM- online	2021-2022	4 WEEKS	1	0	
43	Computational Complexity	noc21-cs90	SWAYAM- online	2021-2022	12 WEEKS	1	0	

44	Computer Graphics	noc21-cs97	SWAYAM- online	2021-2022	8 WEEKS	1	1	
45	Analytical chemistry	noc21-cy28	SWAYAM- online	2021-2022	12 WEEKS	1	0	
46	Organic Chemistry in Biology and Drug Development	noc21-cy30	SWAYAM- online	2021-2022	12 WEEKS	1	1	
47	Chemical Crystallography	noc21-cy33	SWAYAM- online	2021-2022	12 WEEKS	1	0	
48	Symmetry and Group Theory	noc21-cy37	SWAYAM- online	2021-2022	12 WEEKS	1	1	
49	Biophysical chemistry	noc21-cy40	SWAYAM- online	2021-2022	12 WEEKS	1	0	
50	One and two dimensional NMR Spectroscopy for chem	noc21-cy47	SWAYAM- online	2021-2022	12 WEEKS	1	0	
51	Biological Inorganic Chemistry	noc21-cy48	SWAYAM- online	2021-2022	12 WEEKS	1	1	
52	Concepts of chemistry for engineering	noc21-cy49	SWAYAM- online	2021-2022	12 WEEKS	1	1	
53	Innovation by Design	noc21-de14	SWAYAM- online	2021-2022	4 WEEKS	1	0	
54	Understanding Design	noc21-de15	SWAYAM- online	2021-2022	4 WEEKS	1	1	
55	Design, Technology and Innovation	noc21-de16	SWAYAM- online	2021-2022	8 WEEKS	1	1	
56	Mathematical Aspects of Biomedical Electronic System Design	noc21-ee105	SWAYAM- online	2021-2022	12 WEEKS	1	1	
57	Design for internet of things	noc21-ee85	SWAYAM- online	2021-2022	12 WEEKS	1	0	
58	Introduction to Research	noc21-ge15	SWAYAM- online	2021-2022	8 WEEKS	1	0	
59	Neuroscience of Human Movements	noc21-ge17	SWAYAM- online	2021-2022	12 WEEKS	1	0	
60	Stress Management	noc21-ge18	SWAYAM- online	2021-2022	4 WEEKS	1	0	
61	Fundamentals Of Artificial Intelligence	noc21-ge20	SWAYAM- online	2021-2022	12 WEEKS	2	0	
62	Learning Analytics Tools	noc21-ge21	SWAYAM- online	2021-2022	12 WEEKS	1	1	
63	Game theory	noc21-ge24	SWAYAM- online	2021-2022	8 WEEKS	1	1	
64	Fundamental Concepts in Sociolinguistics	noc21-hs100	SWAYAM- online	2021-2022	12 WEEKS	1	0	
65	Introduction to Western Political Thought	noc21-hs101	SWAYAM- online	2021-2022	12 WEEKS	1	0	
66	Entrepreneurship and IP strategy	noc21-hs102	SWAYAM- online	2021-2022	8 WEEKS	1	1	
67	Mathematics for Economics - I	noc21-hs104	SWAYAM- online	2021-2022	12 WEEKS	1	0	
68	Introduction to Advanced Cognitive Processes	noc21-hs105	SWAYAM- online	2021-2022	8 WEEKS	2	0	
69	Introduction to Basic Cognitive Processes	noc21-hs106	SWAYAM- online	2021-2022	8 WEEKS	3	0	
70	Spoken Sanskrit: Basic and Intermediate Levels	noc21-hs107	SWAYAM- online	2021-2022	12 WEEKS	1	0	
71	Developing Soft Skills and Personality	noc21-hs57	SWAYAM- online	2021-2022	8 WEEKS	3	0	
72	Literary and Cultural Disability Studies: An Exploration	noc21-hs58	SWAYAM- online	2021-2022	12 WEEKS	1	1	
73	Great Experiments in Psychology	noc21-hs59	SWAYAM- online	2021-2022	4 WEEKS	2	1	
74	Educational leadership	noc21-hs61	SWAYAM- online	2021-2022	12 WEEKS	1	1	
75	American Literature & Culture	noc21-hs63	SWAYAM- online	2021-2022	12 WEEKS	1	0	
76	Consumer Psychology	noc21-hs64	SWAYAM- online	2021-2022	8 WEEKS	1	0	
77	The Psychology Of Language	noc21-hs65	SWAYAM- online	2021-2022	8 WEEKS	2	2	
78	Short Fiction in Indian Literature	noc21-hs66	SWAYAM- online	2021-2022	12 WEEKS	1	0	
79	Applied Linguistics	noc21-hs67	SWAYAM- online	2021-2022	12 WEEKS	1	0	
80	History of English Language and Literature	noc21-hs68	SWAYAM- online	2021-2022	12 WEEKS	3	0	
81	Film Appreciation	noc21-hs72	SWAYAM- online	2021-2022	8 WEEKS	2	0	
82	Film Appreciation	noc21-hs72	SWAYAM- online	2021-2022	8 WEEKS	2	0	
83	Feminist Writings	noc21-hs73	SWAYAM- online	2021-2022	12 WEEKS	1	0	
84	Trauma and Literature	noc21-hs74	SWAYAM- online	2021-2022	12 WEEKS	1	0	
85	Twentieth Century American Drama	noc21-hs75	SWAYAM- online	2021-2022	12 WEEKS	2	0	
86	Soft skills	noc21-hs76	SWAYAM- online	2021-2022	12 WEEKS	1	0	
87	Appreciating Linguistics: A typological approach	noc21-hs78	SWAYAM- online	2021-2022	12 WEEKS	1	0	
88	German - I	noc21-hs79	SWAYAM- online	2021-2022	12 WEEKS	5	0	
89	German - II	noc21-hs80	SWAYAM- online	2021-2022	12 WEEKS	3	0	
90	Sociology of Development	noc21-hs81	SWAYAM- online	2021-2022	12 WEEKS	1	1	

91	Environment and Development	noc21-hs83	SWAYAM- online	2021-2022	12 WEEKS	1	0	
92	Introduction to Market Structures	noc21-hs84	SWAYAM- online	2021-2022	12 WEEKS	1	1	
93	Development Research Methods	noc21-hs85	SWAYAM- online	2021-2022	8 WEEKS	1	0	
94	Introduction To Literary Theory	noc21-hs86	SWAYAM- online	2021-2022	12 WEEKS	1	0	
95	Brief Introduction to Psychology	noc21-hs87	SWAYAM- online	2021-2022	4 WEEKS	4	1	
96	Psychology of Everyday	noc21-hs88	SWAYAM- online	2021-2022	4 WEEKS	1	0	
97	Cognition, Transformation and Lives	noc21-hs89	SWAYAM- online	2021-2022	4 WEEKS	1	0	
98	Introduction To Japanese Language And Culture	noc21-hs90	SWAYAM- online	2021-2022	12 WEEKS	3	0	
99	Ecology and Society	noc21-hs91	SWAYAM- online	2021-2022	12 WEEKS	1	0	
100	Sociology of Science	noc21-hs92	SWAYAM- online	2021-2022	4 WEEKS	1	1	
101	Body language: Key to professional Success	noc21-hs93	SWAYAM- online	2021-2022	4 WEEKS	3	0	
102	Globalization and Culture	noc21-hs94	SWAYAM- online	2021-2022	8 WEEKS	1	0	
103	Urbanization and Environment	noc21-hs96	SWAYAM- online	2021-2022	12 WEEKS	1	0	
104	The Popular Gothic Novel	noc21-hs97	SWAYAM- online	2021-2022	12 WEEKS	4	0	
105	Classical Sociological Theory	noc21-hs98	SWAYAM- online	2021-2022	12 WEEKS	1	0	
106	Poetry	noc21-hs99	SWAYAM- online	2021-2022	12 WEEKS	2	0	
107	Constitution of India and Environmental Governance:	noc21-lw02	SWAYAM- online	2021-2022	12 WEEKS	2	0	
108	Complex Analysis	noc21-ma39	SWAYAM- online	2021-2022	12 WEEKS	1	0	
109	Computational Commutative Algebra	noc21-ma40	SWAYAM- online	2021-2022	12 WEEKS	1	0	
110	Calculus for Economics,Commerce and Management	noc21-ma53	SWAYAM- online	2021-2022	8 WEEKS	1	0	
111	Introduction to Fuzzy Set Theory, Arithmetic and Logic	noc21-ma55	SWAYAM- online	2021-2022	12 WEEKS	1	0	
112	Introduction to R Software	noc21-ma75	SWAYAM- online	2021-2022	12 WEEKS	1	1	
113	Descriptive Statistics with R Software	noc21-ma76	SWAYAM- online	2021-2022	8 WEEKS	1	1	
114	Foundations of Cognitive Robotics	noc21-me100	SWAYAM- online	2021-2022	4 WEEKS	1	1	
115	Design Practice - II	noc21-me102	SWAYAM- online	2021-2022	8 WEEKS	1	0	
116	Human resource development	noc21-mg49	SWAYAM- online	2021-2022	12 WEEKS	5	0	
117	Strategy: An Introduction to Game Theory	noc21-mg50	SWAYAM- online	2021-2022	8 WEEKS	2	0	
118	Design Thinking - A Primer	noc21-mg53	SWAYAM- online	2021-2022	4 WEEKS	2	0	
119	Design Thinking - A Primer	noc21-mg53	SWAYAM- online	2021-2022	4 WEEKS	2	0	
120	Corporate Social Responsibility	noc21-mg54	SWAYAM- online	2021-2022	8 WEEKS	1	1	
121	Knowledge Management	noc21-mg56	SWAYAM- online	2021-2022	8 WEEKS	1	0	
122	Gender justice and workplace security	noc21-mg57	SWAYAM- online	2021-2022	4 WEEKS	1	0	
123	Commodity Derivatives and Risk Management	noc21-mg58	SWAYAM- online	2021-2022	8 WEEKS	1	0	
124	Innovation, Business Models and Entrepreneurship	noc21-mg63	SWAYAM- online	2021-2022	8 WEEKS	1	0	
125	Business Analytics & Data Mining Modeling Using R Part II	noc21-mg64	SWAYAM- online	2021-2022	4 WEEKS	2	0	
126	Business Analytics & Text Mining Modeling Using Python	noc21-mg65	SWAYAM- online	2021-2022	8 WEEKS	1	0	
127	Entrepreneurship	noc21-mg70	SWAYAM- online	2021-2022	12 WEEKS	1	0	
128	Project Management	noc21-mg71	SWAYAM- online	2021-2022	8 WEEKS	1	0	
129	Financial Accounting	noc21-mg75	SWAYAM- online	2021-2022	8 WEEKS	3	1	
130	Cost Accounting	noc21-mg76	SWAYAM- online	2021-2022	4 WEEKS	1	0	
131	Applied Econometrics	noc21-mg77	SWAYAM- online	2021-2022	12 WEEKS	2	0	
132	Operations and supply chain management	noc21-mg79	SWAYAM- online	2021-2022	12 WEEKS	1	0	
133	Corporate Finance	noc21-mg93	SWAYAM- online	2021-2022	8 WEEKS	2	0	
134	Business and Sustainable Development	noc21-mg94	SWAYAM- online	2021-2022	4 WEEKS	2	0	
135	Decision modeling	noc21-mg95	SWAYAM- online	2021-2022	12 WEEKS	1	0	
136	Introduction to Marketing Essentials	noc21-mg97	SWAYAM- online	2021-2022	12 WEEKS	1	1	
137	International Business	noc21-mg98	SWAYAM- online	2021-2022	12 WEEKS	1	0	
138	Security Analysis & Portfolio Management	noc21-mg99	SWAYAM- online	2021-2022	12 WEEKS	1	1	
139	X-ray Crystallography & Diffraction	noc21-mm24	SWAYAM- online	2021-2022	12 WEEKS	1	1	
140	Science of Clothing Comfort	noc21-te06	SWAYAM- online	2021-2022	12 WEEKS	1	1	