Sri Chandrasekharendra Saraswathi Viswa Mahavidyalya

SCSVMV

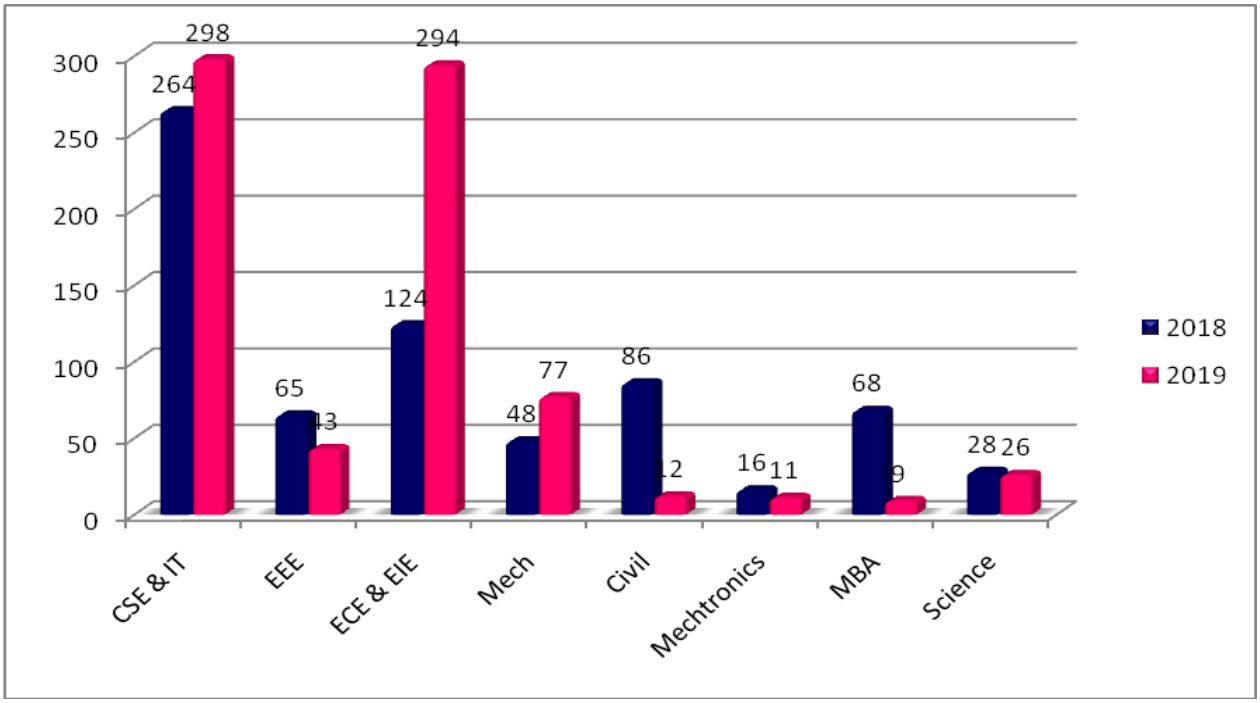
SWAYAM-NPTEL

Student and Faculty Enrolled Details

2018 - 2019

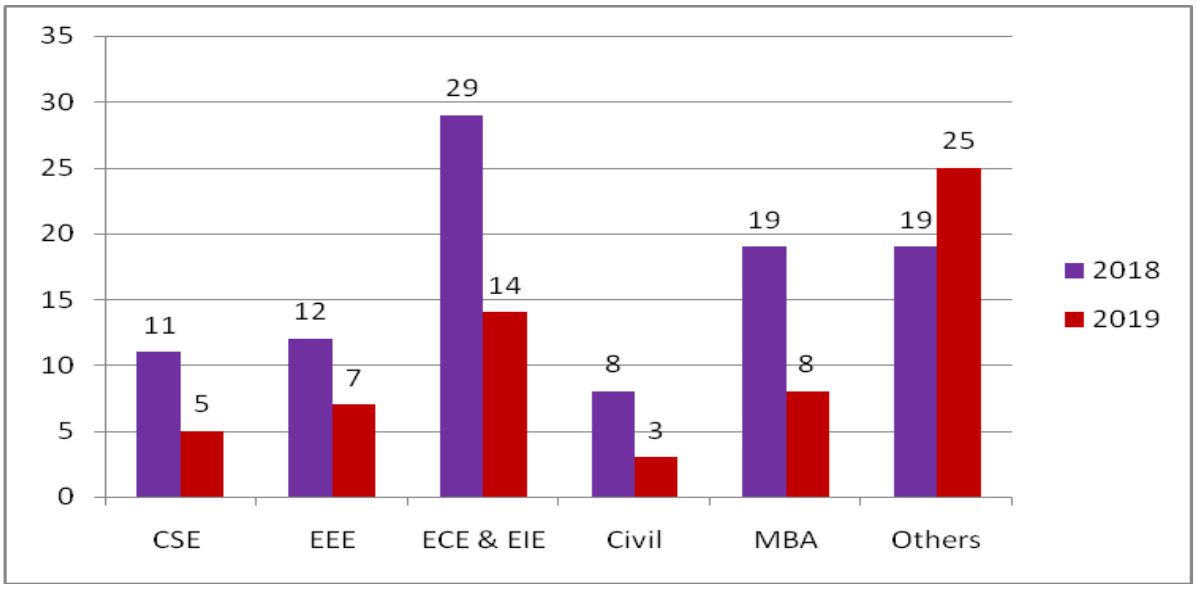
Student NPTEL Course Enrolled Details

Sl.No	Branch	2018	2019
1	Computer Science and Engineering & Information Technology	264	298
2	Electrical and Electronics Engineering	65	43
3	Electronics and Communication Engineering & Electronics Instrumentation Engineering	124	294
4	Mechanical Engineering	48	77
5	Civil Engineering	86	12
6	Mechatronics Engineering	16	11
7	Management Studies	68	9
8	Science	28	26
Total		**699**	**770**



Faculty NPTEL Course Enrolled Details

Sl.No	Branch	2018	2019
1	Computer Science and Engineering	11	5
2	Electrical and Electronics Engineering	12	7
3	Electronics and Communication Engineering & Electronics Instrumentation Engineering	29	14
4	Civil Engineering	8	3
5	Management Studies	19	8
6	Others	19	25
Total		**98**	**62**



Student NPTEL Course Enrolled Details

Computer Science and Engineering

Sl.No	Course Name	Enrolled Details	
		2018	2019
1	A brief course on Superconductivity	1	
2	Advanced IOT Applications	1	
3	Advanced Probability Theory		1
4	Advanced Topics in the Science and Technology of Concrete		1
5	AI: Knowledge Representation and Reasoning	5	
6	American Literature & Culture	1	
7	An Introduction to Artificial Intelligence		9
8	An Introduction To Programming Through C++		9
9	Appreciating Carnatic Music	1	
10	Artificial Intelligence : Knowledge Representation And Reasoning		2
11	Better Spoken English	1	
12	Big Data Computing	5	
13	Bioengineering: An Interface with Biology and Medicine	1	
14	Blockchain Architecture Design and Use Cases	8	
15	Cloud Computing	4	19
16	Cloud Computing and Distributed Systems		1
17	CMOS Digital VLSI Design	1	
18	Compiler Design	6	2
19	Computer Architecture		1
20	Computer Networks and Internet Protocol		5
21	Computer Organization and Architecture: A Pedagogical Aspect	1	
22	Cryptography and Network Security	8	4
23	Data Analysis & Decision Making - II	1	
24	Data Analytics with Python		27
25	Data Base Management System	4	4
26	Data Mining	10	42
27	Data Science for Engineers	4	30
28	Deep Learning - Part 1(IIT Ropar)		1
29	Deep Learning - Part 2	2	
30	Descriptive Statistics with R Software	1	
31	Design and Analysis of Algorithms	13	9
32	Design and pedagogy of the introductory programming course		1
33	Design Thinking - A Primer		1
34	Designing Learner-Centric MOOCs	1	
35	Discrete Mathematics	3	4
36	Embedded System Design with ARM	1	
37	English language for Competitive exams	1	1
38	Enhancing Soft Skills and Personality		1
39	Foundations to Computer Systems Design	7	1
40	German - I		1

Sl.No	Course Name	Enrolled Details	
		2018	2019
41	German - II		1
42	Google Cloud Computing Foundation Course		6
43	GPU Architectures and Programming		1
44	Hardware Security	3	
45	Information Security - 5 - Secure Systems Engineering	3	
46	Introduction to algorithms and analysis		3
47	Introduction to Basic Spoken Sanskrit		1
48	Introduction to Blockchain Technology and Applications		34
49	Introduction to Industry 4.0 and Industrial Internet of Things		1
50	Introduction to Internet of Things	8	3
51	Introduction to Machine Learning		16
52	Introduction to Materials Science and Engineering	1	
53	Introduction to Soft Computing	2	1
54	Joy of computing using Python	15	
55	Machine Learning for Engineering and Science Applications	6	
56	Machine Learning, ML	14	12
57	Modern Application Development		1
58	Matlab Programming for Numerical Computation	1	
59	Medical Image Analysis		1
60	Microprocessors And Microcontrollers		1
61	Modern Digital Communication Techniques	1	
62	Operating System		1
63	Ordinary and Partial Differential Equations and Applications		1
64	Parallel Algorithms	2	
65	Practical Machine Learning with Tensorflow		25
66	Principles of Human Resource Management		36
67	Principles of Signals and Systems	1	
68	Privacy and Security in Online Social Media	3	2
69	Probability and Statistics	1	
70	Problem solving through Programming In C	8	3
71	Programming In C++	5	6
72	Programming in Java	16	22
73	Programming, Data Structures and Algorithms using Python	71	16
74	Python for Data Science		12
75	Randomized Algorithms	2	
76	Real Time Operating System	4	2
77	Modern Application Development		1
78	Satellite Attitude Dynamics and Control	1	
79	Social networks	4	1
80	Software Testing		1
81	The Joy of Computing using Python		10
	Total	**264**	**398**

Electrical and Electronics Engineering

Sl.No	Course Name	Enrolled Details	
		2018	2019
1	Advance power electronics and Control	2	6
2	Advanced IOT Applications	1	
3	Advances in UHV Transmission and Distribution	2	
4	Aircraft Maintenance		1
5	An Introduction To Programming Through C++		1
6	Analog Circuits	4	
7	Analog Electronic Circuits		2
8	Antennas	1	
9	Basics of Software Defined Radios and Practical Applications	1	
10	Business Statistics		1
11	CMOS Digital VLSI Design		1
12	Control engineering	2	
13	Cryptography and Network Security	1	1
14	Data Base Management System		1
15	Digital Electronic Circuits	3	1
16	Discrete Time Signal Processing		1
17	Electric Vehicles - Part 1	3	6
18	Electrical Machines - II	11	
19	Electronic Modules for Industrial Applications using Op-Amps	2	
20	Embedded System Design with ARM	1	
21	Fundamentals of Power Electronics	4	
22	Fundamentals of semiconductor devices	4	
23	German - I		1
24	Information Security - 5 - Secure Systems Engineering	1	
25	Introduction to Airplane Performance	1	
26	Introduction to Automata, Languages and Computation	1	
27	Introduction to Basic Spoken Sanskrit		1
28	Introduction to Internet of Things	1	1
29	Introduction to Photonics	1	
30	Machine Learning for Engineering and Science Applications	1	
31	Machine Learning, ML		1
32	Microprocessors and Microcontrollers	5	5
33	Network Analysis		5
34	Power System Engineering		1
35	Principles of Signals and Systems	1	
36	Problem solving through Programming In C	4	1
37	Programming In C++	3	1
38	Programming in Java	1	1
39	Programming, Data Structures and Algorithms using Python	3	1
40	Python for Data Science		1
41	Quantum Mechanics I		1
Total		**65**	**43**

Electronics and Communication Engineering

Sl.No	Course Name	Enrolled Details	
		2018	2019
1	A brief introduction of Micro - Sensors		10
2	Advance power electronics and Control	1	10
3	Advanced Engineering Mathematics	1	1
4	Advanced IOT Applications	1	
5	Advanced Textile Printing Technology	1	
6	AI: Knowledge Representation and Reasoning	1	
7	An Introduction to Artificial Intelligence		6
8	An Introduction To Programming Through C++		7
9	Analog Circuits	10	10
10	Analog Circuits and Systems through SPICE Simulation		1
11	Analog Electronic Circuits		3
12	Antennas	4	3
13	Appreciating Carnatic Music	1	
14	Architectural Design of Digital Integrated Circuits		1
15	Basic Building Blocks of Microwave Engineering & Design Principles of RF and Microwave Filters and Amplifiers		2
16	Basic Linear Algebra		2
17	Better Spoken English	1	
18	Biomedical Signal Processing		1
19	Calculus for Economics, Commerce & Management	1	
20	Cloud computing		2
21	CMOS Digital VLSI Design	11	7
22	Compiler Design	1	
23	Computer Architecture and Organisation	1	
24	Control engineering		1
25	Cryptography and Network Security		2
26	Data Analytics with Python		1
27	Design, Technology and Innovation		1
28	Digital Electronic Circuits	3	3
29	Electric Vehicles - Part 1		4
30	Electromagnetic Waves in Guided and Wireless Media	2	
31	Electromagnetism		1
32	Electronic Modules for Industrial Applications using Op-Amps	1	
33	Electronic Waste Management - Issues And Challenges		2
34	Electronics equipment integration and Prototype building		2
35	Embedded System Design with ARM	8	29
36	Embedded Systems Design		5
37	Emotional Intelligence	1	
38	Engineering Econometrics		1
39	Engineering Mathematics II		1
40	English Language for Competitive Exams		1

Sl.No	Course Name	Enrolled Details	
		2018	2019
41	English Literature of the Romantic Period, 1798 - 1832	1	
42	Enhancing Soft Skills and Personality	5	
43	Ethics in Engineering Practice		1
44	Evolution of Air Interface towards 5G	1	8
45	Fiber Optics	1	
46	Foundation Course in Managerial Economics		1
47	Fundamentals of electronic materials and devices	2	
48	Fundamentals of Nuclear Power Generation		1
49	Fundamentals of semiconductor devices	6	14
50	Fundamentals of combustion for propulsion		1
51	German - I		4
52	Global Marketing Management	1	
53	Google Cloud Computing Foundation Course		2
54	Hardware Security	1	
55	Human Behaviour	1	
56	Integrated Circuits, MOSFETs, OP-Amps and their Applications		1
57	Introduction to Airplane Performance	1	1
58	Introduction to Basic Cognitive Processes	1	
59	Introduction to Basic Spoken Sanskrit		1
60	Introduction to Cognitive Psychology	1	
61	Introduction to Industry 4.0 and Industrial Internet of Things	1	
62	Introduction to Internet of Things	1	13
63	Introduction to Machine Learning		1
64	Introduction to Photonics		2
65	Introduction to the Psychology of Language	1	
66	Joy of computing using Python	1	
67	Machine Learning, ML	1	1
68	Mathematical Methods and its Applications		1
69	Matlab Programming for Numerical Computation		2
70	Microprocessors and Interfacing		3
71	Microprocessors and Microcontrollers	2	8
72	Microwave Integrated Circuits		3
73	Multirate DSP		2
74	Network Analysis		2
75	Novel Technologies for Food Processing and Shelf Life Extension	1	
76	Operating System		1
77	Optical Engineering		1
78	Principles of Communication Systems - I	8	4
79	Principles of Digital Communication		3
80	Principles Of Human Resource Management	1	
81	Principles of Signals and Systems	3	2
82	Problem solving through Programming In C	18	10
83	Programming In C++	7	3

Sl.No	Course Name	Enrolled Details	
		2018	2019
84	Programming in Java		7
85	Programming, Data Structures and Algorithms using Python	4	6
86	Python for Data Science		3
87	Quantum Mechanics I		1
88	Remote Sensing Essentials		1
89	Robotics and Control : Theory and Practice		3
90	Rocket Propulsion		3
91	Satellite Attitude Dynamics and Control	1	
92	Soft Nano Technology		1
93	Soft Skills For Business Negotiations And Marketing Strategies	1	
94	Software Testing		1
95	Speaking Effectively		1
96	Spread Spectrum Communications and Jamming		1
97	Surface Engineering of Nanomaterials		1
98	The Joy of Computing using Python		17
99	The Nineteenth - Century English Novel		1
100	Transform Calculus and its applications in Differential Equations		1
101	Transmission lines and electromagnetic waves		2
102	VLSI Physical Design		2
103	VLSI Signal Processing		25
104	Waste to Energy Conversion	1	
Total		**124**	**294**

Mechanical Engineering

Sl.No	Course Name	Enrolled Details	
		2018	2019
1	A brief course on Superconductivity	1	
2	Acoustic Materials and Metamaterials		2
3	Advance Aircraft Maintenance	1	
4	Advanced Green Manufacturing Systems	1	
5	Aircraft Maintenance		3
6	An Introduction to Artificial Intelligence		1
7	An Introduction To Programming Through C++		1
8	Automatic Control		1
9	Computational Fluid Dynamics		1
10	Computer Integrated Manufacturing		5
11	Concepts of Thermodynamics	2	
12	Conduction and Convection Heat Transfer	1	1
13	Convective Heat Transfer	2	
14	Data Science for Engineers		2
15	Electric Vehicles - Part 1	1	1
16	Electronic Packaging and Manufacturing	1	
17	Engineering Mechanics - Statics and Dynamics	3	3
18	Engineering Thermodynamics	1	
19	Entrepreneurship Essentials		1
20	Experimental Methods in Fluid Mechanics		1
21	Failure analysis and Prevention		3
22	Fiber Optics	1	
23	Fundamentals of Automotive Systems		1
24	Fundamentals of combustion for propulsion		1
25	Fundamentals of Nuclear Power Generation		1
26	Fundamentals of Welding Science and Technology	1	
27	IC Engines and Gas Turbines	6	1
28	Industrial Automation and Control	1	2
29	Innovation by Design		1
30	Inspection and Quality Control in Manufacturing	3	1
31	Introduction to Airplane Performance	1	1
32	Introduction to Fluid Mechanics	2	1
33	Introduction to Internet of Things	1	
34	Introduction to Machine Learning		2
35	Joy of computing using Python	1	
36	Kinematics of Mechanisms and Machines	1	2
37	Laws of Thermodynamics		3
38	Machine Learning, ML		1
39	Machining Science		1
40	Manufacturing Process Technology I & II	1	1
41	Material Science and Engineering	1	
42	Matlab Programming for Numerical Computation	1	1

43	Nature and Properties of Materials		1
44	Operations Management		1
45	Power Plant Engineering		5
46	Principles of Industrial Engineering		1
47	Problem solving through Programming In C		1
48	Processing of Polymers and Polymer Composites		1
49	Product Design and Development	3	
50	Product Design and Manufacturing	3	4
51	Programming in C++		1
52	Programming in Java		1
53	Robotics and Control : Theory and Practice		2
54	Rocket Propulsion		2
55	Satellite Attitude Dynamics and Control	1	
56	Soft Nano Technology		1
57	Solar Photovoltaics : Principles, Technologies & Materials		1
58	Speaking Effectively		4
59	Steam and Gas Power Systems	2	
60	Surface Engineering of Nanomaterials		1
61	Theory and Practice of Non Destructive Testing		1
62	Thermodynamics	2	1
63	Two phase flow and heat transfer		1
64	Weldability of Metals	2	
Total		**48**	**77**

Mechatronics Engineering

Sl.No	Course Name	Enrolled Details	
		2018	2019
1	A brief course on Superconductivity		1
2	An Introduction to Artificial Intelligence		1
3	Digital Electronic Circuits	6	
4	Electric Vehicles - Part 1	1	3
5	Embedded System Design with ARM	1	1
6	Fundamentals of electronic materials and devices	1	
7	Fundamentals of semiconductor devices	1	
8	Fuzzy Logic and Neural Networks	2	
9	Introduction to Fluid Mechanics	1	
10	Machine Learning, ML		1
11	Manufacturing Process Technology I & II		1
12	Matlab Programming for Numerical Computation	1	
13	Metal Cutting And Machine Tools		1
14	Microprocessors and Microcontrollers	1	
15	Programming in Java	1	
16	Programming, Data Structures And Algorithms Using Python		1
17	The Joy of Computing using Python		1
Total		**16**	**11**

Civil and Structural Engineering

Sl.No	Course Name	Enrolled Details	
		2018	2019
1	Advanced Topics in the Science and Technology of Concrete	2	
2	Applied Environmental Microbiology	1	
3	Architectural Conservation And Historic Preservation	1	
4	Digital Land Surveying And Mapping (DLS & M)	2	2
5	Earth Sciences For Civil Engineering Part - I & II	1	
6	Electronic Waste Management - Issues And Challenges	1	
7	Energy Efficiency, Acoustics and Daylighting in Building	1	
8	Environmental Remediation of Contaminated Sites	1	
9	Geosynthetics And Reinforced Soil Structures	1	
10	Geotechnical Engineering - 1		1
11	Geotechnical Engineering II Foundation Engineering	1	
12	Housing Policy & Planning	7	
13	Hydration, Porosity & Strength of Cementitious Materials	1	
14	Infrastructure Planning and Management	5	
15	Introduction to Geographic Information Systems		1
16	Introduction to History of Architecture in India	1	
17	Introduction to Remote Sensing	5	
18	Landscape Architecture and Site Planning - Basic Fundamentals	1	
19	Natural Hazards - Part-1	1	
20	Plastic Waste Management	2	1
21	Principles and Applications of Building Science	1	
22	Problem solving through Programming In C		1
23	Soil Mechanics / Geotechnical Engineering I	2	
24	Subsurface exploration : Importance and techniques involved	2	
25	Urban governance and Development Management (UGDM)	1	
26	User Interface Design	1	
27	Visual Communication Design for Digital Media	1	
Total		**43**	**6**

Management Studies

Sl.No	Course Name	Enrolled Details	
		2018	2019
1	Better Spoken English	1	
2	Business Analytics For Management Decision	1	
3	Consumer Behaviour	2	
4	Data Base Management System		1
5	Employment Communication - A Lab based course	1	
6	Enhancing Soft Skills and Personality		
7	Financial Institutions and Markets	2	
8	Financial Statement Analysis and Reporting	8	1
9	Human Behaviour	3	
10	Introduction to Cognitive Psychology	1	
11	Introduction to Operations Research		1
12	Introduction to Stochastic Processes		1
13	Management of Field Sales	1	
14	Managerial Skills for Interpersonal Dynamics		1
15	Managing change in organizations		1
16	Operations and supply chain management	1	
17	Principles Of Human Resource Management	5	
18	Problem solving through Programming In C		
19	Production and Operation Management		1
20	Sales and Distribution Management	2	1
21	Six Sigma		1
22	Soft Skill For Business Negotiations And Marketing Strategies	1	
23	Speaking Effectively	3	
24	Supply Chain Analytics	2	
Total		**34**	**9**

Science (Computer Science,Physics, and Others)

Sl.No	Course Name	Enrolled Details	
		2018	2019
1	A brief course on Superconductivity		2
2	Acoustic Materials and Metamaterials		1
3	An Introduction to Artificial Intelligence		1
4	An Introduction To Programming Through C++		1
5	Basic Linear Algebra	1	
6	Better Spoken English	1	
7	Big Data Computing	3	
8	Biochemistry		1
9	Cloud Computing	1	
10	Cryptography and Network Security	1	
11	Data Base Management System	2	
12	Data Mining	2	
13	Descriptive Statistics with R Software	1	
14	Designing Learner-Centric MOOCs	1	
15	Effective Writing		2
16	Electromagnetism		4
17	Enhancing Soft Skills and Personality		1
18	Fiber Optics		1
19	Fundamentals of Spectroscopy		1
20	German - I		1
21	Introduction to Atmospheric and Space Sciences		4
22	Introduction to Blockchain Technology and Applications		1
23	Introduction to Internet of Things	2	
24	Joy of computing using Python	2	
25	Literature, Culture and Media	1	
26	Machine Learning for Engineering and Science Applications	1	
27	Machine Learning, ML	1	
28	Modern Application Development		1
29	Organometallic Chemistry		1
30	Problem solving through Programming In C	1	
31	Programming in C++		1
32	Programming in Java	5	
33	Programming, Data Structures And Algorithms Using Python		1
34	Quantum Mechanics I	1	
35	Soft Skill Development		1
36	Statistical Mechanics	1	
Total		**28**	**26**

Faculty NPTEL Course Enrolled Details

Computer Science and Engineering

Sl.No	Course Name	Enrolled Details	
		2018	2019
1	Big Data Computing	1	
2	Blockchain Architecture Design and Use Cases	1	
3	Data Base Management System	2	
4	Data Mining	1	
5	Data Science for Engineers		1
6	Entrepreneurship Essentials	1	
7	Foundation Course in Managerial Economics	1	
8	Introdction to Blockchain Technology and Applications		1
9	Introduction to internet of things		1
10	Introduction to Research	1	
11	Programming In C++	2	
12	Supply Chain Analytics		1
13	Teaching And Learning in Engineering (TALE)	1	
14	The Joy of Computing using Python		1
Total		**11**	**5**

Electrical and Electronics Engineering

Sl.No	Course Name	Enrolled Details	
		2018	2019
1	Advance power electronics and Control		1
2	Computer Aided Power System Analysis	2	
3	Control engineering	1	
4	Digital Electronic Circuits	2	
5	Electric Vehicles - Part 1		2
6	Electrical Machines - II	1	1
7	Electronic Modules for Industrial Applications using Op-Amps	1	
8	Fundamentals of Power Electronics	3	
9	Fuzzy Sets, Logic and Systems & Applications		1
10	Microprocessors And Microcontrollers		1
11	Power Quality Improvement Technique		1
12	Power System Engineering	1	
13	Principles of Communication Systems - I	1	
Total		**12**	**7**

Electronics and Communication Engineering

Sl.No	Course Name	Enrolled Details	
		2018	2019
1	An Introduction to Artificial Intelligence		1
2	Antennas	1	1
3	Automatic Control	1	
4	Basics of Software Defined Radios and Practical Applications	6	
5	CMOS Digital VLSI Design	1	
6	Computer Architecture and Organization	1	1
7	Computer Organization and Architecture: A Pedagogical Aspect	1	
8	Deep Learning - Part 1(IIT Ropar)		1
9	Digital Electronic Circuits	4	
10	Effective Engineering Teaching In Practice	1	
11	Embedded System Design with ARM	2	
12	Evolution of Air Interface towards 5G		2
13	Foundations to Computer Systems Design	1	
14	Fundamentals of electronic materials and devices	1	2
15	Fundamentals of MIMO Wireless Communication		1
16	Fuzzy Logic and Neural Networks		1
17	Fuzzy Sets, Logic and Systems & Applications		1
18	Introduction to Coding Theory	1	
19	Machine Learning, ML		1
20	Managing Intellectual Property in Universities	1	
21	Principles of Communication Systems - I	3	1
22	Principles of Signals and Systems	1	
23	Programming In C++	1	
24	Robotics and Control : Theory and Practice		1
25	Teaching And Learning in Engineering (TALE)	2	
Total		**29**	**14**

Civil and Structural Engineering

Sl.No	Course Name	Enrolled Details	
		2018	2019
1	Digital Land Surveying And Mapping (DLS & M)	1	
2	Environmental Remediation of Contaminated Sites	2	
3	Housing Policy & Planning	1	
4	Hydration, Porosity & Strength of Cementitious Materials	1	
5	Infrastructure Planning and Management	1	
6	Introduction to Remote Sensing	1	
7	Subsurface exploration : Importance and techniques involved	1	
8	Plastic Waste Management		1
9	Water Supply Engineering		2
Total		**8**	**3**

Management Studies

Sl.No	Course Name	Enrolled Details	
		2018	2019
1	An Introduction to Microeconomics	1	
2	Behavioral and Personal Finance		2
3	Business Analytics For Management Decision	1	
4	Business Statistics	1	
5	Enhancing Soft Skills and Personality		1
6	Financial Institutions and Markets	2	
7	Financial Institutions and Markets		1
8	Financial Management For Managers		1
9	Financial Mathematics	1	
10	Financial Statement Analysis and Reporting	4	
11	Foundation Course in Managerial Economics	1	
12	Introduction to Research	1	1
13	Management of Field Sales	1	
14	Marketing Management - II	1	
15	Marketing Research and Analysis - II	1	
16	Operations and supply chain management	2	
17	Principles Of Human Resource Management	1	
18	Qualitative Research Methods and Research Writing		1
19	Soft Skill Development		1
20	Supply Chain Analytics	1	
Total		**19**	**8**

Science (Computer Science,Physics, and Others)

Sl.No	Course Name	Enrolled Details	
		2018	2019
1	AI: Knowledge Representation and Reasoning	1	
2	Basic Linear Algebra	1	
3	Big Data Computing	1	
4	Business analytics and data mining Modeling using R		1
5	Cloud Computing	1	
6	Cryptography and Network Security	1	
7	Data Mining	1	1
8	Effective Writing		3
9	Electrochemical impedance Spectroscopy	1	
10	Electrochemical Technology in Pollution Control		1
11	Embedded System Design with ARM	1	
12	Employment Communication A Lab based course		2
13	Engineering Mechanics - Statics and Dynamics	1	
14	English Language for Competitive Exams		3
15	Enhancing Soft Skills and Personality	2	2
16	Feminism : Concepts and Theories		2
17	Graph Theory	1	
18	Introduction to Automata, Languages and Computation	1	
19	Introduction to Basic Spoken Sanskrit		1
20	Introduction to Internet of Things	1	
21	Introduction to Machine Learning		1
22	Introduction to Research		1
23	Joy of computing using Python	1	
24	Literature for competitive exams		4
25	Literature, Culture and Media	1	
26	Machine Learning for Engineering and Science Applications	1	
27	Machine Learning, ML	1	
28	Multivariable calculus		1
29	Programming, Data Structures and Algorithms using Python	1	
30	Soft Skill Development		1
31	Speaking Effectively		1
Total		**19**	**25**

Student NPTEL Course Exam Details

Sl.No	Course Name	Branch	2018	2019
1	Blockchain Architecture Design and Use Cases	CSE	1	
2	Cloud Computing	CSE	2	
3	Cryptography and Network Security	CSE	1	
4	Data Base Management System	CSE	1	2
5	Joy of computing using Python	CSE	2	
6	Machine Learning, ML	CSE	1	
7	Programming in Java	CSE	1	
8	Programming, Data Structures and Algorithms using Python	CSE	2	5
9	Data Science for Engineers	CSE		1
10	Design and analysis of algorithms - Online	CSE		1
11	Python for Data Science - Online	CSE		2
12	Software Engineering - Online	CSE		1
13	Electrical Machines - II	EEE	1	
14	Basic Electric Circuits - Online	EEE		1
15	Fundamentals of Electrical Engineering - Online	EEE		1
16	Fundamentals of electronic materials and devices	ECE	1	
17	Satellite Attitude Dynamics and Control	ECE	1	
18	Developing Soft Skills and Personality - Online	ECE		1
19	Ethical Hacking - Online	ECE		2
20	Principles of Modern CDMA MIMO OFDM Wireless Communications - Online	ECE		8
21	IC Engines and Gas Turbines	MECH	2	
22	Design for Quality, Manufacturing and Assembly	MECH		3
23	Manufacturing Automation	MECH		5
24	Digital Electronic Circuits	MECHTRO	1	
25	Financial Statement Analysis and Reporting	MBA	1	
26	Supply Chain Analytics	MBA	1	
27	Decision making using financial accounting	MBA		1
28	Theory And Practice Of Non Destructive Testing	PHY	1	
29	Better Spoken English	Eng	1	
Total			**21**	**34**

Faculty NPTEL Course Exam Details

Sl.No	Course Name	Branch	2018	2019
1	Big Data Computing	CSE	1	
2	Blockchain Architecture Design and Use Cases	CSE	1	1
3	Data Base Management System	CSE		1
4	Toyota Production System - Online	CSE		1
5	Digital Electronic Circuits	EEE	1	
6	Fundamentals of Power Electronics	EEE	2	
7	Power System Engineering	EEE	1	
8	Control engineering - Online	EEE		1
9	Electrical Machines I - Online	EEE		2
10	Fundamentals of Electrical Engineering - Online	EEE		2
11	Power Electronics - Online	EEE		1
12	Basics of Software Defined Radios and Practical Applications	ECE	2	
13	Principles of Signals and Systems	ECE	1	
14	Digital Image Processing - Online	ECE		1
15	Introduction to Machine Learning-IIT Kharagpur	ECE		1
16	Introduction to Wireless and Cellular Communications - Online	ECE		1
17	Automatic Control	EIE	2	
18	Advanced Linear Continuous Control Systems: Applications with MATLAB Programming and Simulink	EIE		1
19	Sensors and Actuators - Online	EIE		1
20	Environmental Remediation of Contaminated Sites	CIVIL	2	
21	Hydration, Porosity & Strength of Cementitious Materials	CIVIL	1	
22	Financial Derivatives and Risk Management - Online	MBA		1
23	Training Of Trainers Or Managerial Skills For Interpersonal Dynamics - Online	MBA		2
24	Developing Soft Skills and Personality - Online	ENG		1
25	Technical english for engineers	ENG		1
Total			**14**	**19**

Dr.M.Senthil Kumaran
[NPTEL - SPOC]
SCSVMV

Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya

SCSVMV

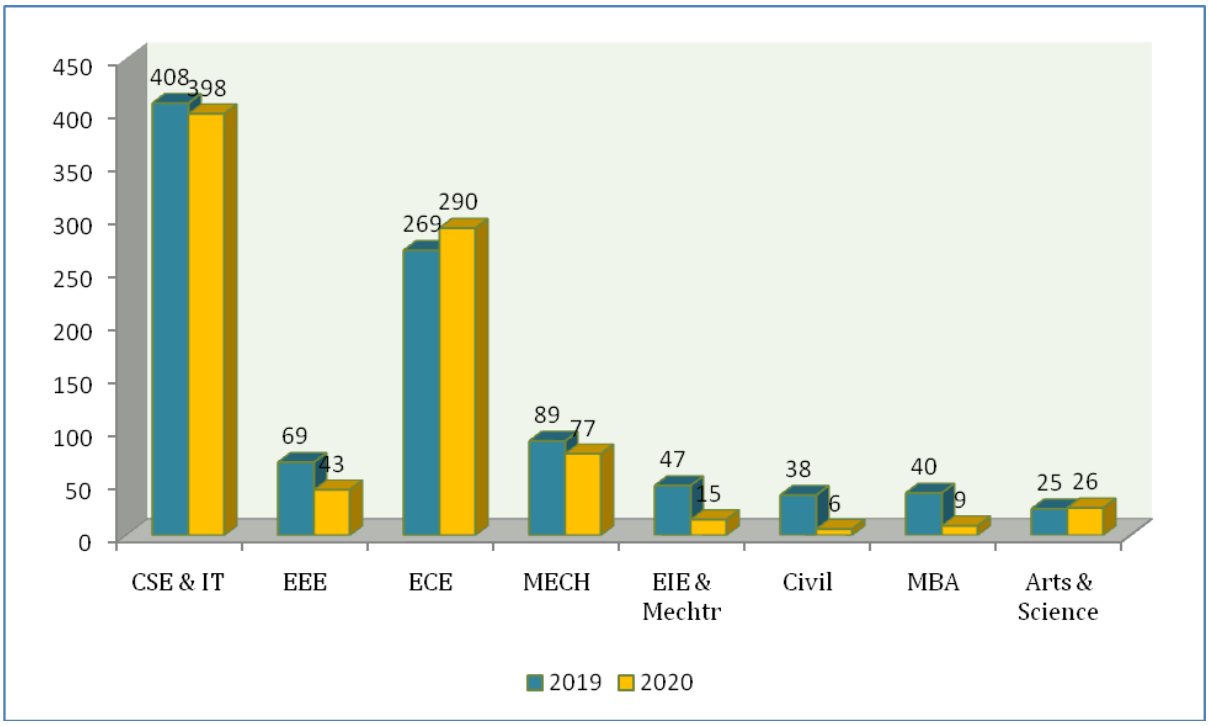
SWAYAM-NPTEL

Student and Faculty Enrolled Details

2019 - 2020

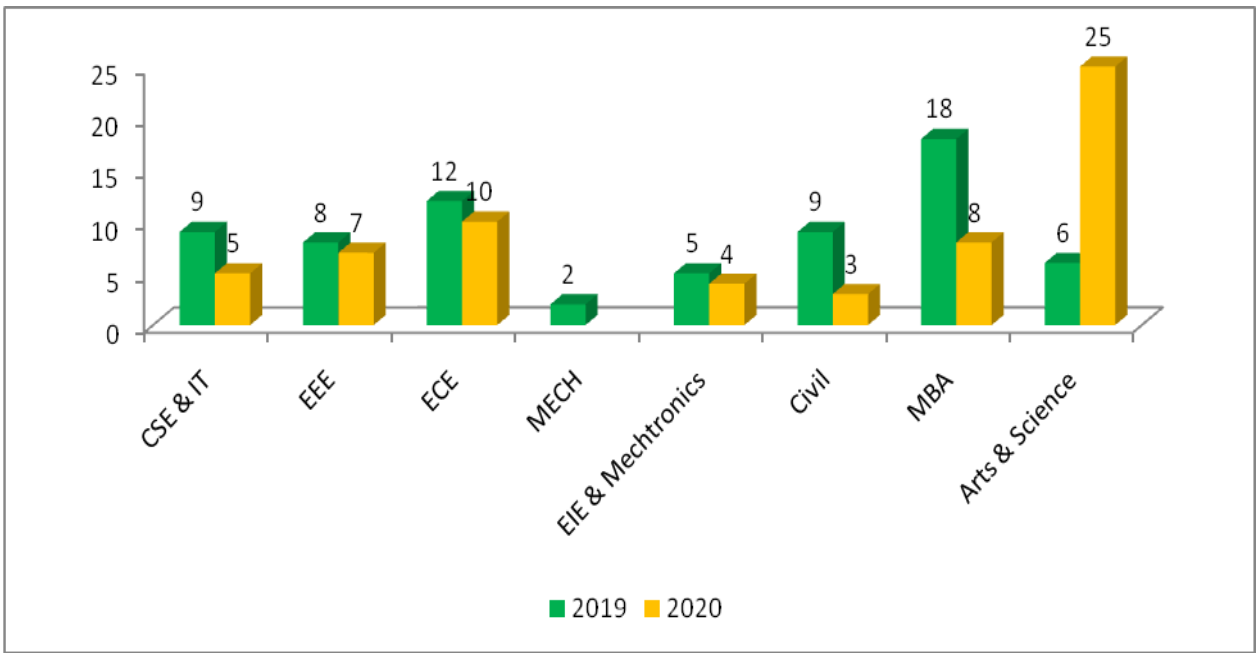
Students NPTEL Course Enrolled Details

Sl.No	Branch	2019	2020
1	Computer Science and Engineering & Information Technology	408	398
2	Electrical and Electronics Engineering	69	43
3	Electronics and Communication Engineering	269	290
4	Mechanical Engineering	89	77
5	Electronics Instrumentation Engineering & Mechatronics Engineering	47	15
6	Civil Engineering	38	6
7	Management Studies	40	9
8	Arts & Science (CSA, Chem,Phy,Maths, English)	25	26
Total		**985**	**864**



Faculty NPTEL Course Enrolled Details

Sl.No	Branch	2019	2020
1	Computer Science and Engineering & Information Technology	9	5
2	Electrical and Electronics Engineering	8	7
3	Electronics and Communication Engineering	12	10
4	Mechanical Engineering	2	-
5	Electronics Instrumentation Engineering & Mechatronics Engineering	5	4
6	Civil Engineering	9	3
7	Management Studies	18	8
8	Arts & Science (CSA, Chem,Phy,Maths, English)	6	25
Total		**69**	**62**



Student NPTEL Course Enrolled Details

Computer Science and Engineering

Sl.No	Course Name	Enrolled Details	
		2019	2020
1	A short lecture series on contour integration in the complex plane	01	-
2	Advanced Computer Architecture	01	-
3	Advanced Concrete Technology	01	-
4	Advanced Probability Theory	-	01
5	Advanced Topics in the Science and Technology of Concrete	-	01
6	Aircraft Propulsion	01	-
7	Aircraft Stability and Control	01	-
8	An Introduction to Artificial Intelligence	-	09
9	An Introduction to Programming through C++	13	09
10	Applied Natural Language Processing	02	
11	Artificial Intelligence : Knowledge Representation And Reasoning	-	02
12	Artificial Intelligence : Search Methods for Problem Solving	04	-
13	Biomaterials for bone tissue engineering applications	01	-
14	Biomedical nanotechnology	01	-
15	Blockchain Architecture Design and Use Cases	03	-
16	Body Language: Key to Professional Success	01	-
17	Business Analytics & Data Mining Modeling Using R Part II	01	-
18	Business Analytics & Text Mining Modeling Using Python	01	-
19	C Programming and Assembly Language	04	
20	Cloud Computing	10	19
21	Cloud Computing and Distributed Systems	-	01
22	Compiler Design	-	02
23	Computational Electromagnetics	01	-
24	Computational Physics	01	-
25	Computer Aided Drug Design	01	-
26	Computer Architecture	-	01
27	Computer Networks and Internet Protocol	-	05
28	Computer numerical control CNC of machine tools and processes	01	-
29	Computer Vision	04	-
30	Control systems	01	-
31	Cryptography and Network Security	-	04
32	Data Analytics with Python	-	27
33	Data Base Management System	11	04
34	Data Mining	-	42
35	Data Science for Engineers	05	30
36	Deep Learning	03	-
37	Deep Learning - Part 1	02	01
38	Demystifying Networking	04	-

39	Design and analysis of algorithms	02	09
40	Design and pedagogy of the introductory programming course	-	01
41	Design Thinking - A Primer	-	01
42	Digital Circuits	01	-
43	Digital Image Processing	01	-
44	Digital Signal Processing	01	-
45	Discrete Mathematics	01	04
46	Drug Delivery: Principles and Engineering	02	-
47	English Language for Competitive Exams	-	01
48	Enhancing Soft Skills and Personality	-	01
49	Ethical Hacking	12	-
50	Foundations to Computer Systems Design	-	01
51	Functional Genomics	01	-
52	Fundamentals of Electrical Engineering	01	-
53	German-I	01	01
54	German – II	-	01
55	Google Cloud Computing Foundation Course	-	06
56	GPU Architectures and Programming	-	01
57	Hardware modeling using verilog	01	-
58	Human Computer Interactions	03	-
59	Human Resource Development	01	-
60	Introduction to Aerospace Engineering - Flight	01	-
61	Introduction to algorithms and analysis	-	03
62	Introduction to Basic Spoken Sanskrit	-	01
63	Introduction to Blockchain Technology and Applications	-	34
64	Introduction to Film studies	01	-
65	Introduction To Haskell Programming	01	-
66	Introduction to Industry 4.0 and Industrial Internet of Things	-	01
67	Introduction to Internet of Things	08	03
68	Introduction to Machine Learning	16	16
69	Introduction to Operating Systems	01	-
70	Introduction to Parallel Programming in Open MP	01	-
71	Introduction to Programming in C	08	-
72	Introduction To Proteomics	01	-
73	Introduction to R Software	01	-
74	Introduction to Rocket Propulsion	01	-
75	Introduction To Soft Computing	-	01
76	Leadership	01	-
77	Machine Learning for Engineering and Science Applications	06	-
77	Machine Learning, ML	-	12
78	Mapping Signal Processing Algorithms to Architectures	01	
79	Medical Image Analysis	-	01
80	Microprocessors And Microcontrollers	-	01
81	Modern Application Development	-	01
82	Nanotechnology in Agriculture	01	-

83	Natural Language Processing	09	-
84	Neural Networks for Signal Processing - I	01	-
85	Object oriented analysis and design	01	-
86	Operating System	-	01
87	Operating System Fundamentals	02	-
88	Ordinary and Partial Differential Equations and Applications	-	01
89	Practical Machine Learning with Tensorflow	12	25
90	Principles of Human Resource Management	-	36
91	Privacy and Security in Online Social Media	-	02
92	Problem Solving through Programming in C	08	03
93	Programming in C++	05	06
94	Programming In Java	36	22
95	Programming, Data Structures and Algorithms Using Python	24	16
96	Python for Data Science	13	12
97	Quantum Computing	01	-
98	Real Time Operating System	-	02
99	Reinforcement Learning	02	01
100	Robotics	01	-
101	Scalable Data Science	01	-
102	Sensors and Actuators	01	-
103	Social Networks	02	01
104	Software Engineering	14	-
105	Software Project Management	01	-
106	Software testing	05	01
107	Spatial Informatics	01	-
108	Switching Circuits and Logic Design	01	-
109	The Joy of Computing using Python	110	10
	Total	**408**	**398**

Electrical and Electronics Engineering

Sl.No	Course Name	Enrolled Details	
		2019	2020
1	Advance power electronics and Control	-	06
2	Advanced Computer Architecture	01	-
3	Advanced Linear Continuous Control Systems: Applications with MATLAB Programming and Simulink	02	-
4	Aircraft Maintenance	-	01
5	An Introduction to Programming through C++	02	01
6	Analog Electronic Circuits	-	02
7	Basic Electric Circuits	08	-
8	Business Statistics	-	01
9	C Programming and Assembly Language	01	-
10	CMOS Digital VLSI Design	-	01
11	Computational Electromagnetics	01	-
12	Control engineering	08	-
13	Cryptography and Network Security	-	01
14	Data Base Management System	01	01
15	DC Microgrid	01	-
16	Digital Circuits	01	-
17	Digital Electronic Circuits	-	01
18	Discrete Time Signal Processing	-	01
19	Electric Vehicles - Part 1	-	06
20	Electrical Distribution System Analysis	04	-
21	Electrical Machines	05	-
22	Electrical Machines - I	03	-
23	Electrical Measurement and Electronic Instruments	02	-
24	Ethical Hacking	02	-
25	Fundamentals of Electrical Engineering	05	-
26	German-I	03	01
27	German-II	02	-
28	Introduction to Ancient Indian Technology	01	-
29	Introduction to Basic Spoken Sanskrit	-	01
30	Introduction to internet of things	-	01
31	Introduction to Operating Systems	01	-
32	Introduction to Programming in C	01	-
33	Introduction to Smart Grid	02	-
34	Introduction to Wireless and Cellular Communications	01	-
35	Machine Learning, ML	-	01
36	Microprocessors And Microcontrollers	-	05
37	Network Analysis	-	05
38	Power System Analysis	01	-
39	Power System Engineering	-	01

40	Problem Solving through Programming in C	01	01
41	Programming in C++	02	01
42	Programming In Java	01	01
43	Programming, Data Structures and Algorithms Using Python	01	01
44	Python for Data Science	-	01
45	Quantum Mechanics I	-	01
46	Sensors and Actuators	01	-
47	Social Networks	01	-
48	Software Engineering	01	-
49	The Joy of Computing using Python	01	-
50	Toyota Production System	01	-
Total		**69**	**43**

Electronics and Communication Engineering

Sl.No	Course Name	Enrolled Details	
		2019	2020
1	A brief introduction of Micro – Sensors	-	09
2	Advance power electronics and Control	-	10
3	Advanced Engineering Mathematics	-	01
4	Advanced Linear Continuous Control Systems: Applications with MATLAB Programming and Simulink	04	-
5	An Introduction to Artificial Intelligence	-	06
6	An Introduction to Programming through C++	10	07
7	Analog Circuits	-	10
8	Analog Circuits and Systems through SPICE Simulation	-	01
9	Analog Communication	07	-
10	Analog Electronic Circuit	03	03
11	Antennas	-	04
12	Architectural Design of Digital Integrated Circuits	-	01
13	Artificial Intelligence : Search Methods for Problem Solving	02	-
14	Basic Building Blocks of Microwave Engineering & Design Principles of RF and Microwave Filters and Amplifiers	-	02
15	Basic Electric Circuits	11	-
16	Basic Linear Algebra	-	02
17	Biology for engineers and other non-biologists	01	-
18	Biomedical Signal Processing	-	01
19	Body Language: Key to Professional Success	02	-
20	Business Analytics & Text Mining Modeling Using Python	01	-
21	C Programming and Assembly Language	05	-
22	Calculus of One Real Variable	01	-

Sl.No	Course Name	Enrolled Details	
		2019	2020
23	CMOS Digital VLSI Design	-	07
24	Cloud Computing	02	02
25	Computational Electromagnetics	01	-
26	Computer Aided Drug Design	01	-
27	Control engineering	04	-
28	Control systems	03	01
29	Cryptography and Network Security	-	02
30	Data Analytics with Python	-	01
31	DC Microgrid	01	-
32	Design of fixed wing Unmanned Aerial Vehicles	01	-
33	Design, Technology and Innovation	-	01
34	Digital Circuits	10	-
35	Digital Electronic Circuits	-	03
36	Digital Image Processing	02	-
37	Digital Signal Processing	31	-
38	Digital Switching - I	01	-
39	Educational Leadership	01	-
40	Electric Vehicles - Part 1	-	03
41	Electrical Machines	01	-
42	Electrical Measurement and Electronic Instruments	02	-
43	Electromagnetism	-	01
44	Electronic Waste Management - Issues And Challenges	-	02
45	Electronics equipment integration and Prototype building	-	01
46	Embedded System Design with ARM	-	29
47	Embedded Systems Design	-	05
48	Engineering Econometrics	-	01
49	Engineering Mathematics II	-	01
50	English Language for Competitive Exams	-	01
51	Ethical Hacking	08	-
52	Ethics in Engineering Practice	-	01
53	Evolution of Air Interface towards 5G	-	08
54	Fabrication Techniques for MEMs-Based Sensors: Clinical Perspective	01	-
55	Fiber-Optic Communication Systems and Techniques	01	-
56	Foundation Course in Managerial Economics	-	01
57	Fundamentals of Artificial Intelligence	03	-
58	Fundamentals of Electrical Engineering	02	-
59	Fundamentals of electronic device fabrication	01	-
60	Fundamentals of micro and nanofabrication	01	-
61	Fundamentals of Nuclear Power Generation	-	01
62	Fundamentals of semiconductor devices	-	12
63	German – I	-	04
64	Google Cloud Computing Foundation Course	-	02

Sl.No	Course Name	Enrolled Details	
		2019	2020
65	Hardware modeling using verilog	02	-
66	Higher Engineering Mathematics	01	-
67	Integrated Circuits, MOSFETs, OP-Amps and their Applications	-	01
68	Interpersonal Skills	01	-
69	Introduction to Aerospace Engineering - Flight	01	-
70	Introduction to Airplane Performance	-	01
71	Introduction to Basic Spoken Sanskrit	-	01
72	Introduction to Internet of Things	03	11
73	Introduction to Machine Learning	01	03
74	Introduction to Photonics	-	02
75	Introduction to Programming in C	05	-
76	Introduction to Wireless and Cellular Communications	06	-
77	Machine Learning, ML	-	01
78	Mathematical Methods and its Applications	-	01
79	Matlab Programming for Numerical Computation	-	02
80	Microelectronics: Devices to Circuits	01	-
81	Microprocessors and Interfacing	-	03
82	Microprocessors And Microcontrollers	-	08
83	Microwave Engineering	01	-
84	Microwave Integrated Circuits	-	03
85	Microwave Theory and Techniques	01	-
86	Multirate DSP	-	02
87	Network Analysis	-	02
88	Neural Networks for Signal Processing - I	01	-
89	Op-Amp Practical Applications: Design, Simulation and Implementation	01	-
90	Operating System	-	01
91	Optical Engineering	-	01
92	Organic Chemistry in Biology and Drug Development	01	-
93	Power Electronics	06	-
94	Power System Analysis	01	-
95	Principles of Communication Systems - I	-	04
96	Principles of Communication Systems - Part II	02	-
97	Principles of Digital Communication	-	03
98	Principles of Modern CDMA/ MIMO/ OFDM Wireless Communications	62	-
99	Principles of Signals and Systems	-	02
100	Problem Solving through Programming in C	02	11
101	Programming in C++	08	03
102	Programming In Java	03	07
103	Programming, Data Structures and Algorithms Using Python	04	06
104	Python for Data Science	05	03
105	Quantum Mechanics I	-	01

Sl.No	Course Name	Enrolled Details	
		2019	2020
106	Remote Sensing Essentials	-	01
107	Robotics	01	-
108	Robotics and Control : Theory and Practice	-	03
109	Rocket Propulsion	-	03
110	Sensors and Actuators	17	-
111	Soft Nano Technology	-	01
112	Software Testing	-	01
113	Speaking Effectively	-	01
114	Spread Spectrum Communications and Jamming	-	02
115	Surface Engineering of Nanomaterials	-	01
116	Switching Circuits and Logic Design	02	-
117	Synthesis of Digital Systems	02	-
118	The Joy of Computing using Python	03	16
119	The Nineteenth - Century English Novel	-	01
120	Transform Calculus and its applications in Differential Equations	-	01
121	Transmission lines and electromagnetic waves	-	02
122	VLSI Physical Design	-	02
123	VLSI Signal Processing	-	25
Total		**269**	**290**

Mechanical Engineering

Sl.No	Course Name	Enrolled Details	
		2019	2020
1	Advanced Materials and Processes	01	-
2	Acoustic Materials and Metamaterials	-	02
3	Aircraft Maintenance	-	03
4	Aircraft Propulsion	03	-
5	An Introduction to Artificial Intelligence	-	01
6	An Introduction to Materials: Nature and Properties (Part 1: Structure of Materials)	01	-
7	An Introduction to Programming through C++	01	01
8	Applied Thermodynamics for Engineers	01	-
9	Artificial Intelligence : Search Methods for Problem Solving	01	-
10	Automatic Control	-	01
11	Computational Fluid Dynamics	-	01
12	Computer Integrated Manufacturing	-	05
13	Computer numerical control CNC of machine tools and processes	01	-
14	Concepts of Thermodynamics	03	-
15	Conduction and Convection Heat Transfer	-	01
16	Data Science for Engineers	-	02

17	Design for Quality, Manufacturing and Assembly	04	-
18	Design Practice	04	-
19	Dynamic Behaviour of Materials	01	-
20	Electric Vehicles - Part 1	-	01
21	Energy Conservation and Waste Heat Recovery	01	-
22	Engineering Mechanics	04	-
23	Engineering Mechanics - Statics and Dynamics	-	03
24	Engineering Metrology	01	
25	Entrepreneurship Essentials		01
26	Ergonomics in Automotive Design	02	-
27	Experimental Methods in Fluid Mechanics	-	01
28	Failure analysis and Prevention	-	03
29	Fluid Machines	07	-
30	Fundamentals of Artificial Intelligence	04	-
31	Fundamentals of Automotive Systems	-	01
32	Fundamentals of combustion for propulsion	-	01
33	Fundamentals of Conduction and Radiation	01	-
34	Fundamentals of manufacturing processes	01	-
35	Fundamentals of Nuclear Power Generation	-	01
36	Genetic Engineering: Theory and Application	01	-
37	German-II	02	-
38	Heat Exchangers: Fundamentals and Design Analysis	01	-
39	IC Engines and Gas Turbines	-	01
40	Industrial Automation And Control	-	02
41	Industrial Safety Engineering	02	-
42	Infrared Spectroscopy for Pollution Monitoring	01	-
43	Innovation by Design	01	01
44	Inspection and Quality Control in Manufacturing	-	01
45	Introduction to Airplane Performance	-	01
46	Introduction to Ancient Indian Technology	01	-
47	Introduction To Fluid Mechanics	-	01
48	Introduction to Machine Learning	01	02
49	Introduction to Rocket Propulsion	01	-
50	Kinematics of Mechanisms and Machines	-	02
51	Laws of Thermodynamics	-	03
52	Machine Learning for Engineering and Science Applications	01	-
53	Machine Learning, ML	-	01
54	Machining Science	-	01
55	Manufacturing Automation	07	-
56	Manufacturing of Composites	07	-
57	Manufacturing Process Technology I & II	-	01
58	Manufacturing Systems Technology Part I & II	03	-
59	Matlab Programming for Numerical Computation	-	01
60	Nature and Properties of Materials		01

61	Numerical methods	02	-
62	Operations Management	-	01
63	Operations Research	01	-
64	Plastic Working of Metallic Materials	02	-
65	Power Plant Engineering	-	05
66	Practical Machine Learning with Tensorflow	01	-
67	Principles of Industrial Engineering	-	01
68	Problem solving through Programming In C	-	01
69	Processing of Polymers and Polymer Composites	-	01
70	Product Design and Manufacturing	-	04
71	Product Design using Value Engineering	01	-
72	Programming in C++	-	01
73	Programming in Java	-	01
74	Refrigeration and air-conditioning	01	-
75	Robotics	03	-
76	Robotics and Control : Theory and Practice	-	02
77	Rocket Propulsion	-	02
78	Smart Materials and Intelligent System Design	01	-
79	Soft Nano Technology	-	01
80	Solar Photovoltaics : Principles, Technologies & Materials	-	01
81	Solid Mechanics	01	-
82	Speaking Effectively	-	04
83	Steam Power Engineering	02	-
84	Surface Engineering of Nanomaterials	-	01
85	Theory and Practice of Non Destructive Testing	-	01
86	Thermodynamics	-	01
87	Two phase flow and heat transfer	-	01
88	Understanding Design	01	-
89	Vibration and Structural Dynamics	01	-
90	Waves and Oscillations	01	-
Total		**89**	**77**

Electronics Instrumentation Engineering & Mechatronics Engineering

Sl.No	Course Name	Enrolled Details	
		2019	2020
1	A brief course on Superconductivity	-	01
2	A brief introduction of Micro - Sensors	-	01
3	Advanced Linear Continuous Control Systems: Applications with MATLAB Programming and Simulink	01	-
4	An Introduction to Artificial Intelligence	-	01
5	Basic Electric Circuits	01	-
6	Blockchain Architecture Design and Use Cases	01	-
7	Control engineering	01	-

8	Electric Vehicles - Part 1	-	04
9	Electrical Distribution System Analysis	01	-
10	Electrical Machines	01	-
11	Electrical Measurement and Electronic Instruments	01	-
12	Electronics equipment integration and Prototype building	-	01
13	Embedded System Design with ARM	-	01
14	Engineering Mechanics	01	-
15	Fundamentals of combustion for propulsion	-	01
16	Fundamentals of Electrical Engineering	01	-
17	Introduction to Internet of Things	01	-
18	Linear System Theory	01	-
19	Machine Learning, ML	-	01
20	Manufacturing Automation	04	
21	Manufacturing Process Technology I & II	-	01
22	Metal Cutting And Machine Tools	-	01
23	Object oriented analysis and design	01	-
24	Op-Amp Practical Applications: Design, Simulation and Implementation	01	-
25	Power Electronics	01	-
26	Programming in C++	01	-
27	Programming, Data Structures and Algorithms Using Python	01	01
28	Python for Data Science	03	-
29	Robotics	03	-
30	Sensors and Actuators	17	-
31	The Joy of Computing using Python	04	01
Total		**47**	**15**

Civil and Structural Engineering

Sl.No	Course Name	Enrolled Details	
		2019	2020
1	Architectural Acoustics	01	-
2	Concrete Technology	02	-
3	Design of Reinforced Concrete Structures	01	-
4	Digital Land Surveying And Mapping (DLS&M)	-	02
5	Ethical Hacking	01	-
6	Fluid Mechanics	02	-
7	Foundation Engineering	02	-
8	Geotechnical Engineering Laboratory	10	-
9	Geotechnical Engineering - 1	-	01
10	GPS Surveying	01	-
11	Introduction to Geographic Information Systems	-	01
12	Irrigation and Drainage	01	-
13	Principles of Construction Management	02	-

14	Project Planning & Control	03	-
15	Plastic Waste Management	-	01
16	Problem solving through Programming In C	-	01
17	Reinforced Concrete Road Bridges	01	-
18	Remote Sensing and Digital Image Processing of Satellite Data	02	-
19	Strength of Materials	05	-
20	Structural analysis-I	01	-
21	Wastewater Treatment and Recycling	03	-
Total		**38**	**06**

Management Studies

Sl.No	Course Name	Enrolled Details	
		2019	2020
1	Cloud Computing	01	-
2	Cost Accounting	01	-
3	Dairy and Food process and products technology	01	-
4	Decision making using financial accounting	02	-
5	Decision-Making Under Uncertainty	01	-
6	Data Base Management System	-	01
7	Ethical Hacking	01	-
8	Financial Derivatives & Risk Management	01	-
9	Financial Statement Analysis and Reporting	-	01
10	German-I	01	-
11	German-II	01	-
12	Human Resource Development	06	-
13	Introduction to Japanese Language and Culture	02	-
14	Introduction to Operations Research	-	01
15	Introduction to Stochastic Processes	-	01
16	Marketing Management-I	01	-
17	Marketing research and analysis	06	-
18	Managerial Skills for Interpersonal Dynamics	-	01
19	Managing change in organizations	-	01
20	Operations Research	05	-
21	Positive Psychology	01	-
22	Production and Operation Management	-	01
23	Reinforced Concrete Road Bridges	01	-
24	Stress Management	01	-
25	Sales and Distribution Management	-	01
26	Six Sigma	-	01
27	Wastewater Treatment and Recycling	01	-
28	Working Capital Management	06	-
Total		**40**	**09**

Arts & Science (CSA, Chemistry ,Physics, Mathematics,English)

Sl.No	Course Name	Enrolled Details	
		2019	2020
1	A brief course on Superconductivity	-	02
2	Acoustic Materials and Metamaterials	-	01
3	An Introduction to Artificial Intelligence	-	01
4	An Introduction To Programming Through C++	-	01
5	Biochemistry	-	01
6	Bioinorganic Chemistry	02	-
7	Biomedical nanotechnology	03	-
8	Blockchain Architecture Design and Use Cases	01	-
9	Cloud Computing	03	-
10	Ecology and Environment	01	-
11	Effective Writing	-	02
12	Electromagnetism	-	04
13	Enhancing Soft Skills and Personality	-	01
14	Fiber Optics	-	01
15	Fundamentals of Spectroscopy	-	01
16	German - I	-	01
17	History of English Language and Literature	01	-
18	Integral Transforms and their Applications	02	-
19	Introduction to Abstract and Linear Algebra	02	-
20	Introduction to Atmospheric and Space Sciences	-	04
21	Introduction to Blockchain Technology and Applications	-	01
22	Introduction to Fuzzy Set Theory, Arithmetic and Logic	02	-
23	Matrix Analysis with Applications	02	-
24	Modern Application Development	-	01
25	Organometallic Chemistry	-	01
26	Programming in C++	-	01
27	Programming, Data Structures And Algorithms Using Python	-	01
28	Psychology of Everyday	01	-
29	Python for Data Science	03	-
30	Soft Skill Development	-	01
31	Theoretical Mechanics	01	-
32	Waves and Oscillations	01	-
Total		**25**	**26**

Faculty NPTEL Course Enrolled Details

Computer Science and Engineering

Sl.No	Course Name	Enrolled Details	
		2019	2020
1	Blockchain Architecture Design and Use Cases	02	-
2	Cloud Computing	01	-
3	Data Base Management System	01	-
4	Problem Solving through Programming in C	01	-
5	Programming in C++	01	-
6	Programming, Data Structures and Algorithms Using Python	01	-
7	Python for Data Science	01	-
8	Toyota Production System	01	-
9	Introduction to Blockchain Technology and Applications	-	01
10	Data Science for Engineers	-	01
11	Supply Chain Analytics	-	01
12	Introduction to internet of things	-	01
13	The Joy of Computing using Python	-	01
Total		**09**	**05**

Electrical and Electronics Engineering

Sl.No	Course Name	Enrolled Details	
		2019	2020
1	Advance power electronics and Control	-	01
2	Control engineering	01	-
3	Electric Vehicles - Part 1	-	02
4	Electrical Machines - I	03	-
5	Electrical Machines - II	-	01
6	Fundamentals of Electrical Engineering	02	-
7	Fuzzy Sets, Logic and Systems & Applications	-	01
8	Microprocessors And Microcontrollers	-	01
9	Power Electronics	01	-
10	Power Quality Improvement Technique	-	01
11	Power System Analysis	01	-
Total		**08**	**07**

Electronics and Communication Engineering

Sl.No	Course Name	Enrolled Details	
		2019	2020
1	Analog Communication	01	-
2	An Introduction to Artificial Intelligence	-	01
3	C Programming and Assembly Language	01	-
4	Computer Architecture	-	01
5	Deep Learning - Part 1	01	01
6	Digital Image Processing	01	-
7	Evolution of Air Interface towards 5G	-	02
8	Fundamentals of MIMO Wireless Communication	-	01
9	Fuzzy Logic and Neural Networks	-	01
10	Introduction to Machine Learning	01	-
11	Introduction to Wireless and Cellular Communications	03	-
12	Machine Learning, ML	-	01
13	Principles of Communication Systems - I	-	01
14	Principles of Modern CDMA/ MIMO/ OFDM Wireless Communications	04	-
15	Robotics and Control : Theory and Practice	-	01
Total		**12**	**10**

Mechanical Engineering

Sl.No	Course Name	Enrolled Details	
		2019	2020
1	Concepts of Thermodynamics	01	-
2	Applied Thermodynamics for Engineers	01	-
Total		**02**	-

Electronics Instrumentation Engineering & Mechatronics Engineering

Sl.No	Course Name	Enrolled Details	
		2019	2020
1	Advanced Linear Continuous Control Systems: Applications with MATLAB Programming and Simulink	01	-
2	Antennas	-	01
3	Fundamentals Of Electronic Materials And Devices	-	02
4	Fuzzy Sets, Logic and Systems & Applications	-	01
5	Microwave Theory and Techniques	01	-
6	Sensors and Actuators	03	-
Total		**05**	**04**

Civil and Structural Engineering

Sl.No	Course Name	Enrolled Details	
		2019	2020
1	Concrete Technology	01	-
2	Design of Reinforced Concrete Structures	02	-
3	Geotechnical Engineering Laboratory	02	-
4	Principles of Construction Management	01	-
5	Plastic Waste Management	-	01
6	Strength of Materials	01	-
7	Wastewater Treatment and Recycling	02	-
8	Water Supply Engineering	-	02
Total		**09**	**03**

Management Studies

Sl.No	Course Name	Enrolled Details	
		2019	2020
1	Behavioral and Personal Finance	-	02
2	Cost Accounting	02	-
3	Decision-Making Under Uncertainty	01	-
4	Enhancing Soft Skills and Personality	-	01
5	Financial Institutions and Markets	-	01
6	Financial Management For Managers	-	01
7	Financial Accounting	02	-
8	Financial Derivatives & Risk Management	03	-
9	Innovation, Business Models and Entrepreneurship	01	-
10	Introduction to Research	-	01
11	Management Accounting	04	-
12	Marketing research and analysis	03	-
13	Qualitative Research Methods and Research Writing	-	01
14	Training of Trainers	02	-
15	Soft Skill Development	-	01
Total		**18**	**08**

Arts & Science (CSA, Chemistry ,Physics, Mathematics,English)

Sl.No	Course Name	Enrolled Details	
		2019	2020
1	Business analytics and data mining Modeling using R	-	01
2	Data Mining	-	01
3	Developing Soft Skills and Personality	02	-
4	Effective Writing	-	03
5	Electrochemical Technology in Pollution Control	-	01
6	Employment Communication A Lab based course	-	02

7	English Language for Competitive Exams	-	03
8	Enhancing Soft Skills and Personality	-	02
9	Feminism : Concepts and Theories	-	02
10	Introduction to Basic Spoken Sanskrit	-	01
11	Introduction to Machine Learning	-	01
12	Introduction to Research	-	01
13	Indian Fiction in English	01	-
14	Literature for competitive exams	-	04
15	Multivariable calculus	-	01
16	Soft Skill Development	-	01
17	Speaking Effectively	-	01
18	Solar Photovoltaics Fundamentals, Technology and Applications	01	-
19	Technical english for engineers	02	-
Total		**06**	**25**

Student NPTEL Course Exam Details

Sl.No	Course Name	Branch	2019	2020
1	Data Base Management System	CSE	02	-
2	Data Science for Engineers	CSE	01	11
3	Design and analysis of algorithms - Online	CSE	01	-
4	Cloud computing	CSE	-	04
5	Data Analytics with Python	CSE	-	05
6	Data Mining	CSE	-	27
7	Ethical Hacking – Online	CSE	01	-
8	Google Cloud Computing Foundation Course	CSE	-	01
9	Introduction to Blockchain Technology and Applications	CSE	-	06
10	Introduction to Machine Learning	CSE	-	03
11	Machine Learning, ML	CSE	-	01
12	Practical Machine Learning with Tensorflow	CSE	-	06
13	Principles of Human Resource Management	CSE	-	20
14	Programming in Java	CSE	-	02
15	Programming, Data Structures And Algorithms Using Python	CSE	05	04
16	Python for Data Science - Online	CSE	02	06
17	Software Engineering - Online	CSE	01	-
18	Fundamentals of Electrical Engineering - Online	EEE	01	-
19	Basic Electric Circuits - Online	EEE	01	-
20	A brief introduction of Micro – Sensors	ECE	-	01
21	Developing Soft Skills and Personality - Online	ECE	01	-
22	Embedded System Design with ARM	ECE	-	08
23	Ethical Hacking - Online	ECE	01	-
24	Principles of Modern CDMA MIMO OFDM Wireless Communications - Online	ECE	08	-
25	Problem solving through Programming In C	ECE	-	01
26	Embedded System Design with ARM	ECE	-	01
27	Electric Vehicles - Part 1	ECE	-	01
28	Computer Integrated Manufacturing	Mech	-	01
29	Design for Quality, Manufacturing and Assembly	Mech	03	-
30	Manufacturing Automation	Mech	04	-
31	Innovation by Design	Mech	-	01
32	Inspection and Quality Control in Manufacturing	Mech	-	01
33	Speaking Effectively	Mech	-	01
34	Manufacturing Automation	EIE	01	-
35	Electric Vehicles - Part 1	EIE	-	03
36	Problem solving through Programming In C	EIE	-	01
37	Programming in Java	EIE	-	01
38	Digital Land Surveying And Mapping (DLS&M)	Civil	-	01
39	Geotechnical Engineering - 1	Civil	-	01
40	Decision making using financial accounting	MBA	01	-
41	Sales and Distribution Management	MBA	-	01

42	Soft Skill Development	English	-	01
43	Literature for competitive exams	English	-	01
44	Enhancing Soft Skills and Personality	English	-	01
45	An Introduction to Artificial Intelligence	CSA	-	01
Total			**34**	**124**

Faculty NPTEL Course Exam Details

Sl.No	Course Name	Branch	2019	2020
1	Blockchain Architecture Design and Use Cases - Online	CSE	01	-
2	Data Base Management System	CSE	01	-
3	Toyota Production System – Online	CSE	01	-
4	Control engineering - Online	EEE	01	-
5	Electric Vehicles - Part 1	EEE	-	01
6	Electrical Machines I - Online	EEE	02	-
7	Fundamentals of Electrical Engineering - Online	EEE	02	-
8	Power Electronics - Online	EEE	01	-
9	Digital Image Processing – Online	ECE	01	-
10	Introduction to Machine Learning-IIT Kharagpur	ECE	01	-
11	Deep Learning - Part 1(IIT Ropar)	ECE	-	01
12	Introduction to Wireless and Cellular Communications - Online	ECE	01	-
13	Surface Engineering of Nanomaterials	Mech	-	02
14	Sensors and Actuators - Online	EIE	01	-
15	Advanced Linear Continuous Control Systems: Applications with MATLAB Programming and Simulink	EIE	01	-
16	Fundamentals Of Electronic Materials And Devices	EIE	-	01
17	Water Supply Engineering	Civil	-	02
18	Financial Derivatives and Risk Management - Online	MBA	01	-
19	Training Of Trainers Or Managerial Skills For Interpersonal Dynamics - Online	MBA	02	-
20	Behavioral and Personal Finance	MBA	-	01
21	Technical english for engineers	ENG	01	-
22	Developing Soft Skills and Personality - Online	ENG	01	-
Total			**19**	**08**

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SCSVMV

Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya

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MOOC DETAILS

SWAYAM-NPTEL & COURSERA

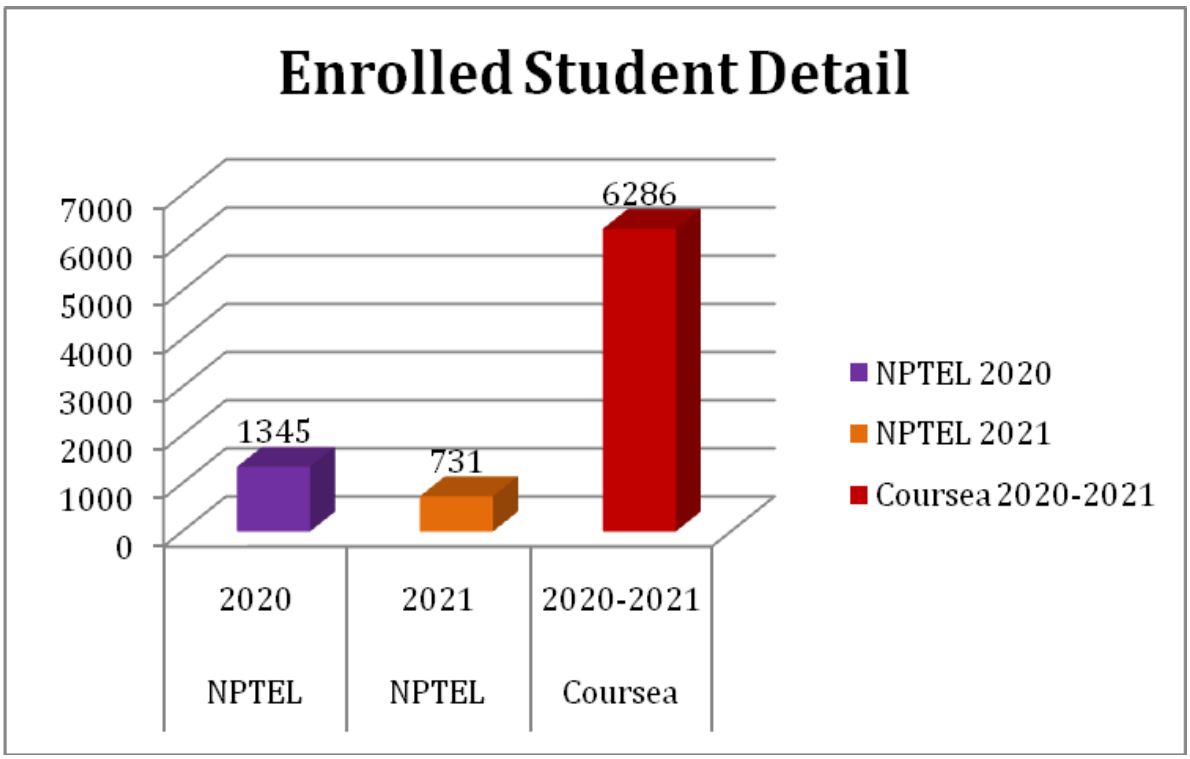
Student and Faculty Enrolled Details

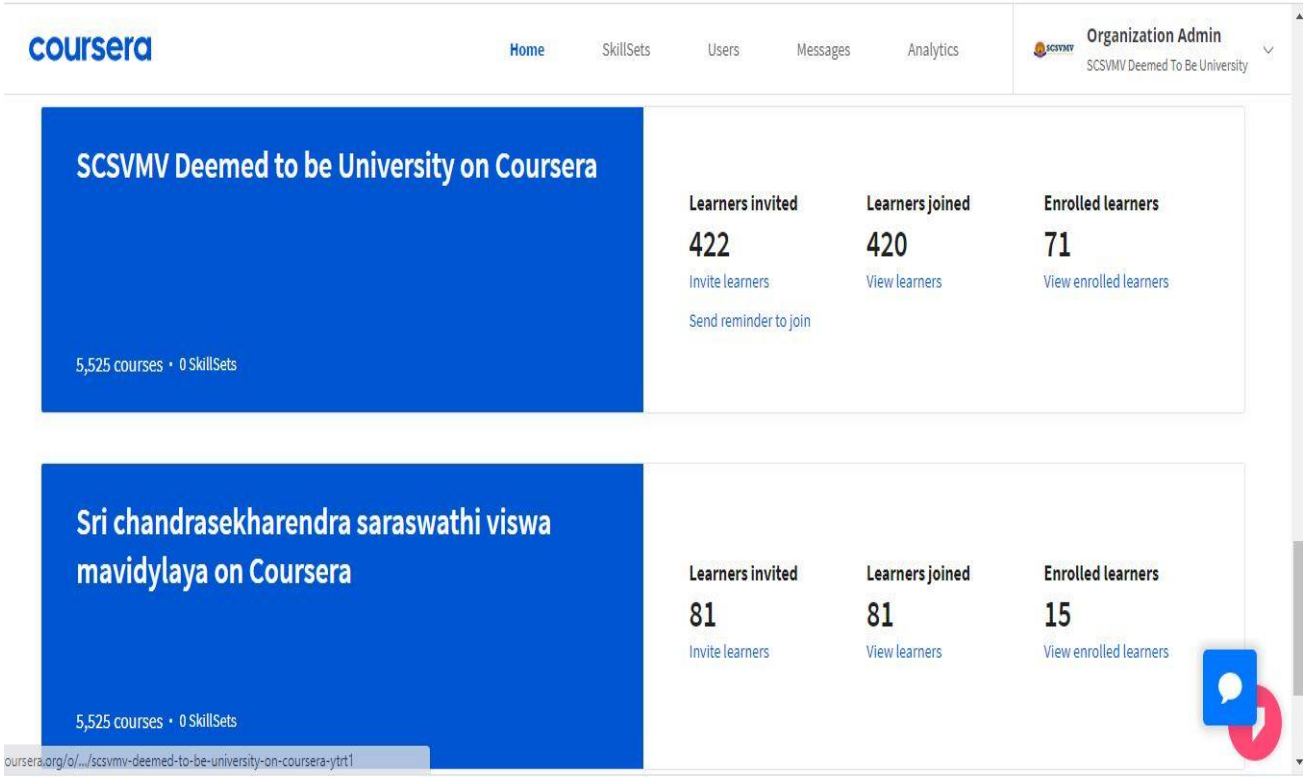
2020 – 2021

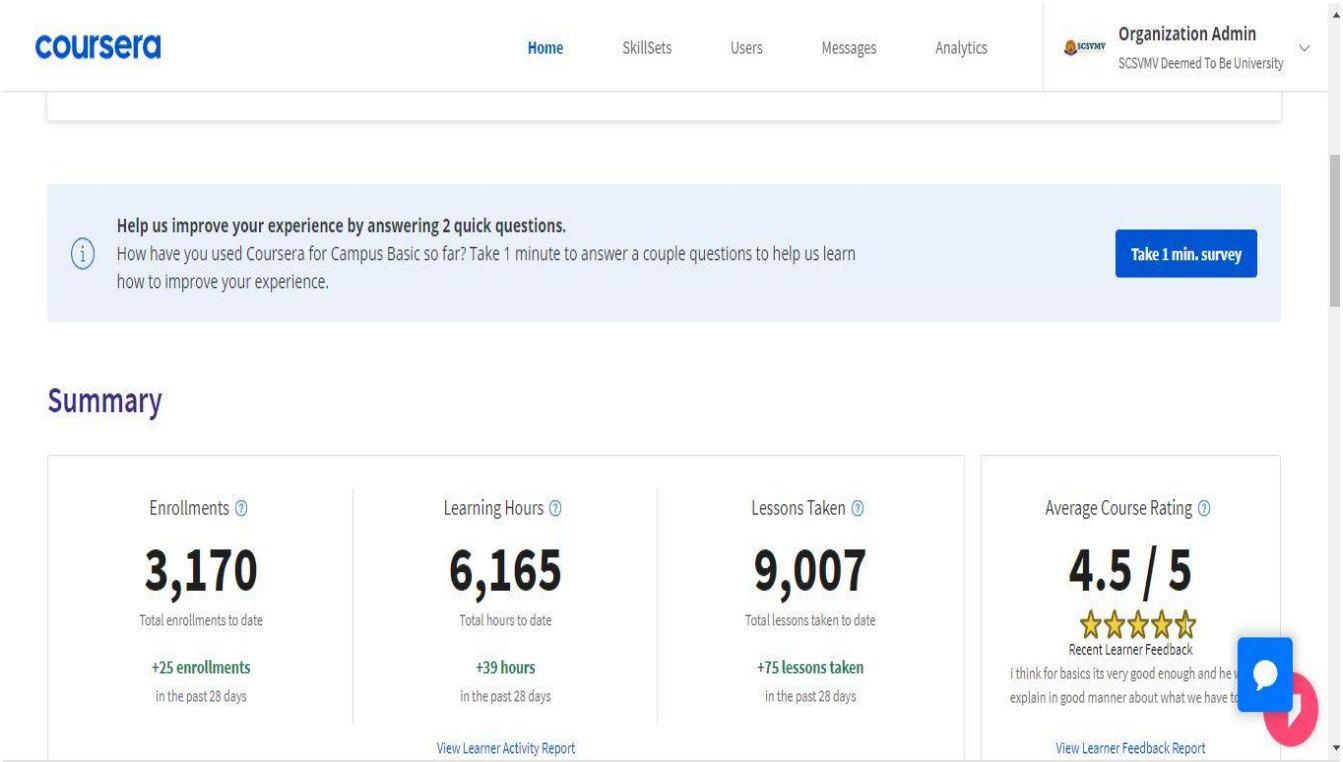
(January – December)

Students NPTEL Course Enrolled Details

Sl.No	Courses	Year	Enrolled Student Details
1	SWAYAM-NPTEL	2020 (Jan – Dec)	1345
		2021 (Jan-Dec)	731
2	COURSERA	2020 -2021(Jan-Dec)	6286







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