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Number of students enrolled in subject related Certificate/Add-on/Value added programs year wise during last five years

1.2.2 Percentage of students enrolled in Certificate/ Add-on/Value added programs and also completed online MOOC programs like SWAYAM, NPTEL etc.as against the total number of students during the last five years

1.2.2.1. Number of students enrolled in subject related Certificate/Add-on/Value added programs and also completed online MOOC programs like SWAYAM, NPTEL etc. year wise during last five years						
Year	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Number of Programs Offered	9	31	15	31	19	**105**
Number of Student Enrolled	66	749	360	1160	1201	**3536**
Number of Student Completing Course	57	700	295	873	962	**2887**
Number of Student	460	763	1094	1213	1250	**4780**

Year	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Number of Programs Offered	9	31	15	31	19	105
Number of Value added Programs Offered	0	0	2	2	3	**7**
Number of NPTEL Programs Offered	9	8	12	23	9	**61**
Number of Spoken Tutorial Programs Offered	0	9	1	6	7	**23**
Number of Coursera Programs Offered	0	14	0	0	0	**14**

2022-23						
Name of Add on /Certificate programs offered	Course Code (if any)	Year of offering	Period (from date - to date)	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year

A hybrid Workshop on Angular Development (Value Added)		2022-23	12-14 September & 20-22 October 2023	1 Week (6 Days)	68	68
The Joy of Computing using Python (NPTEL)		2022-23	January 2023 -April 2023	12 Weeks	73	43
Programming in JAVA (NPTEL)		2022-23	January 2023 -April 2023	12 Weeks	25	23
Compiler Design (NPTEL)		2022-23	January 2023 -April 2023	12 Weeks	14	12
Non-conventional energy resources (NPTEL)		2022-23	January 2023 -April 2023	12 Weeks	53	7
Fundamentals of Automotive systems (NPTEL)		2022-23	January 2023 -April 2023	12 Weeks	53	31
OpenFoam (Value Added)		2022-23	8th May - 20th May 2023	02 Weeks	94	94
Spoken Tutorial on Android app using Kotlin		2022-23	September 2022 - November 2022	6 Weeks	120	111
Spoken Tutorial on LaTeX		2022-23	September 2022 - November 2022	6 Weeks	124	124
Spoken Tutorial on Python 3.4.3		2022-23	October 2022 - November 2022	6 Weeks	64	59
Spoken Tutorial on C and CPP		2022-23	September 2022 - November 2022	6 Weeks	128	126
XAMARIN FORM ESSENTIAL (Value Added)		2022-23	17-19 and 23-24 December 2022	1 Week (5 Days)	29	29
Spoken Tutorial on C Programming		2022-23	October 2022 - November 2022	8 weeks	63	54
Spoken Tutorial on Java Programming		2022-23	February 2023 - April 2023	8 weeks	65	64
Spoken Tutorial on Python 3.4.3		2022-23	March 2023 - May 2023	8 weeks	67	64
Fundamentals Of Artificial Intelligence (NPTEL)		2022-23	July 2022 - October 2022	8 weeks	38	20

Software Engineering (NPTEL)		2022-23	July 2022 - October 2022	8 weeks	29	3
Analog Circuits (NPTEL)		2022-23	January 2023 - March 2023	8 weeks	27	12
Maintenance and Repair of Concrete Structures (NPTEL)		2022-23	January 2022 -April 2022	12 weeks	67	18

2021-22						
Name of Add on /Certificate programs offered	**Course Code (if any)**	**Year of offering**	**Period (from date - to date)**	**Duration of course**	**Number of students enrolled in the year**	**Number of Students completing the course in the year**
The Joy of Computing using Python (NPTEL)		2021-22	January 2022 -April 2022	8 weeks	5	3
Non-conventional energy Resources (NPTEL)		2021-22	January 2022 -April 2022	12 weeks	18	15
An Introduction to Artificial Intelligence (NPTEL)		2021-22	January 2022 -April 2022	4 weeks	34	0
Discrete Mathematics (NPTEL)		2021-22	January 2022 -April 2022	8 weeks	2	0
Entrepreneurship Essentials (NPTEL)		2021-22	January 2022 -April 2022	8 weeks	9	4
Environmental Remediation of Contaminated Sites (NPTEL)		2021-22	January 2022 -April 2022	12 weeks	67	4
Fundamentals of Automotive Systems (NPTEL)		2021-22	January 2022 -April 2022	12 weeks	18	2
Hydraulic Engineering (NPTEL)		2021-22	January 2022 -April 2022	8 weeks	2	1
Introduction To Industry 4.0 And Industrial Internet Of Things (NPTEL)		2021-22	January 2022 -April 2022	8 weeks	9	7

Introduction To Internet Of Things (NPTEL)		2021-22	January 2022 - March 2022	4 weeks	8	3
Software Engineering (NPTEL)		2021-22	July 2021 to October 2021	8 weeks	39	3
Programming in Java (NPTEL)		2021-22	July 2021 to October 2021	8 weeks	7	5
Introduction to Machine Learning IITM (NPTEL)		2021-22	July 2021 to October 2021	8 weeks	1	0
Soil Mechanics Geotechnical Engineering I (NPTEL)		2021-22	July 2021 to October 2021	12 weeks	5	2
Strength Of Materials (NPTEL)		2021-22	July 2021 to October 2021	12 weeks	20	2
Artificial Intelligence Search Methods For Problem Solving (NPTEL)		2021-22	July 2021 to October 2021	8 weeks	1	0
Computer architecture and organization (NPTEL)		2021-22	July 2021 to September 2021	4 weeks	3	0
Fundamentals Of Artificial Intelligence (NPTEL)		2021-22	July 2021 to October 2021	8 weeks	12	6
Geotechnical Engineering Laboratory (NPTEL)		2021-22	July 2021 to December 2021	8 weeks	1	0
Heat Transfer (NPTEL)		2021-22	August 2021- September 2021	8 weeks	1	0
Spoken Tutorial on C Programming		2021-22	February 2022 - April 2022	4 weeks	55	53
Spoken Tutorial on Python 3.4.3		2021-22	April 2022 - May 2022	4 weeks	136	124
Spoken Tutorial on Java		2021-22	March 2022 -April 2022	4 weeks	112	109
Spoken Tutorial on HTML		2021-22	March 2022 -April 2022	4 weeks	64	62
Joy of Computing using Python (NPTEL)		2021-22	January 2022 -April 2022	8 weeks	5	3

Name of Add on /Certificate programs offered	Course Code (if any)	Year of offering	Period (from date - to date)	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
Programming in Java (NPTEL)		2021-22	July 2021 to October 2021	8 weeks	21	12
Spoken Tutorial on PHP and MYSQL		2021-22	February 2022 - April 2022	8 weeks	65	59
Maintenance and Repair of Concrete Structures (NPTEL)		2021-22	January 2022 -April 2022	12 weeks	56	11
Aptitude Training (Value Added)		2021-22	22th November 2021 - 4th December 2021	3 weeks	267	267
A hands-on workshop on Python Programming (Value Added)		2021-22	04th Oct, 2021- 09th Oct, 2021	1 week	52	52
Spoken Tutorial on C Programming		2021-22	February 2022 - April 2022	8 weeks	65	64

2020-21						
Name of Add on /Certificate programs offered	Course Code (if any)	Year of offering	Period (from date - to date)	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
Product Design and Innovation (NPTEL)		2020-21	January 2021 -April 2021	8 weeks	45	18
Programming in Java (NPTEL)		2020-21	January 2021 -April 2021	8 weeks	27	20
Hydraulic Engineering (NPTEL)		2020-21	January 2021 -April 2021	12 weeks	45	30
Manufacturing Process Technology I & II (NPTEL)		2020-21	January 2021 - March 2021	8 weeks	18	13
Compiler Design (NPTEL)		2020-21	January 2021 -April 2021	8 weeks	6	3
Data Mining (NPTEL)		2020-21	January 2021 -April 2021	8 weeks	1	1

Name of Add on /Certificate programs offered	Course Code (if any)	Year of offering	Period (from date - to date)	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
Fundamentals of Automotive Systems (NPTEL)		2020-21	January 2021 -April 2021	12 weeks	2	2
Introduction to Internet of Things (NPTEL)		2020-21	January 2021 -April 2021	8 weeks	1	1
Non-Conventional Energy Resources (NPTEL)		2020-21	January 2021 -April 2021	12 weeks	2	0
Cloud Computing (NPTEL)		2020-21	July 2020 - December 2020	8 weeks	4	0
Introduction to Machine Learning (NPTEL)		2020-21	July 2020 - December 2020	8 weeks	2	0
Problem solving through Programming In C (NPTEL)		2020-21	July 2020 - December 2020	8 weeks	1	1
Aptitude Training (Value Added)		2020-21	1st October 2020- 25th October 2019	3 weeks	91	91
A hands-on workshop on Python Programming (Value Added)		2020-21	28th September, 2020- 03rd October, 2020	1 week	45	45
Spoken Tutorial on Java Programming		2020-21	September 2020 - November 2020	5 weeks	70	70

2019-20						
Name of Add on /Certificate programs offered	Course Code (if any)	Year of offering	Period (from date - to date)	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
Design Practice (NPTEL)		2019-20	August 2019- September 2019	8 weeks	2	2
Data Base Management System (NPTEL)		2019-20	July 2019 - December 2019	12 week	3	2

Solar Photovoltaics Fundamentals, Technology And Applications (NPTEL)		2019-20	July 2019 - December 2019	8 weeks	3	3
Cloud Computing (NPTEL)		2019-20	July 2019 - December 2019	12 week	4	4
Fluid Mechanics (NPTEL)		2019-20	July 2019 - December 2019	8 weeks	3	1
Fundamentals of Electrical Engineering (NPTEL)		2019-20	July 2019 - December 2019	8 weeks	2	0
Ethical Hacking (NPTEL)		2019-20	July 2019 - December 2019	8 weeks	3	2
Fundamentals of Conduction and Radiation (NPTEL)		2019-20	August 2019- September 2019	8 weeks	11	8
Spoken Tutorial on LaTex		2019-20	August 2019- September 2019	1 week	35	24
Spoken Tutorial on C and Cpp		2019-20	December 2019 - January 2020	1 week	68	68
Spoken Tutorial on Arduino		2019-20	December 2019 - January 2020	1 week	59	59
Spoken Tutorial on Java Programming		2019-20	February 2020- March 2020	1 week	60	42
Spoken Tutorial on SCI LAB		2019-20	February 2020- March 2020	1 week	66	66
IOT, Block Chain & Cloud Computing (Coursera)		2019-20	October 2019- November 2019	5 weeks	69	69
Machine Learning and Data Analytics (Coursera)		2019-20	October 2019- November 2019	5 weeks	36	35
Artificial intelligence and Machine learning (Coursera)		2019-20	October 2019- November 2019	5 weeks	15	15
Speak English Professionally: In Person, Online & On the Phone (Coursera)		2019-20	October 2019- November 2019	5 weeks	12	12
Interfacing with the Arduino (Coursera)		2019-20	October 2019- November 2019	5 weeks	3	3

Business English for Cross-cultural Communication (Coursera)		2019-20	October 2019- November 2019	5 weeks	10	10
Spoken Tutorial C Programming		2019-20	September 2019 - November 2019	8 weeks	48	38
Spoken Tutorial PHP		2019-20	September 2019 - November 2019	8 weeks	42	42
IOT, Block Chain and Cloud Computing (Coursera)		2019-20	October 2019- November 2019	8 weeks	45	45
Artificial intelligence and Machine learning (Coursera)		2019-20	October 2019- November 2019	8 weeks	4	4
Spoken Tutorial C and Cpp		2019-20	October 2019- November 2019	5 weeks	61	61
Spoken Tutorial QCAD		2019-20	October 2019- November 2019	5 weeks	72	72
Introduction to Programming with MATLAB (Coursera)		2019-20	October 2019- November 2019	5 weeks	2	2
Engineering Project Management: Risk, Quality, Teams and Procurement (Coursera)		2019-20	October 2019- November 2019	5 weeks	2	2
Engineering Project Management: Scope, Time and Cost Management (Coursera)		2019-20	October 2019- November 2019	5 weeks	1	1
Engineering Project Management: Initiating and Planning (Coursera)		2019-20	October 2019- November 2019	5 weeks	4	4
Basic Statistics (Coursera)		2019-20	October 2019- November 2019	5 weeks	2	2
Business English: Basics (Coursera)		2019-20	October 2019- November 2019	5 weeks	2	2

2018-19

Name of Add on /Certificate programs offered	Course Code (if any)	Year of offering	Period (from date - to date)	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
Computer Architecture (NPTEL)		2018-19	July 2018 - October 2018	8 weeks	3	2
Programming in C++ (NPTEL)		2018-19	July 2018 - October 2018	8 weeks	1	0
Programming in Java (NPTEL)		2018-19	January 2019 -April 2019	8 weeks	51	46
Entrepreneurship Essentials (NPTEL)		2018-19	January 2019 -April 2019	8 weeks	1	1
Financial Institutions and Markets (NPTEL)		2018-19	January 2019 -April 2019	8 weeks	3	1
Global Marketing Management (NPTEL)		2018-19	January 2019 -April 2019	8 weeks	1	1
Infrastructure Planning and Management (NPTEL)		2018-19	January 2019 -April 2019	8 weeks	1	1
Cloud Computing (NPTEL)		2018-19	January 2019 -April 2019	4 weeks	1	1
Manufacturing Process Technology (NPTEL)		2018-19	January 2019 -April 2019	12 weeks	4	4