



1.2.1 Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. where the students of the institution have enrolled and successfully completed during the last five years)

1.2.2 Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

Year 1 2022-23						
Name of Certificate/ Value added course offered and online courses of MOOCs, SWAYAM, NPTEL etc. where the students of the institution have enrolled and successfully completed	Course Code (if any)	Year of offering/study	Period (from date - to date)	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
Introduction to Basics of Azure Services	Skill up by Simplilearn	2022	1-10-22 to 06-11-2022	30 hours	1	1
Azure AI Fundamentals	Microsoft	2022	13-7-22 to 13-8-22	30 hours	1	1
			13-11-22 to 13-12-22	30 hours	1	1
			19-10-22 to 19-11-22	30 hours	5	5
			27-10-22 to 27-11-22	30 hours	1	1
Artificial Intelligence	Rinex	2022	10-03-2022 to 23-5-2022	45 hours	1	1
Python 101 For Data Science	PY0101EN	2022	30-10-22 to 30-11-2022	30 hours	1	1
			1-10-22 to 25-10-2022	30 hours	1	1
Data Analysis With Python	DA0101EN	2022	2-11-22 to 28-11-22	30 hours	1	1
Python For Data Science	IBM	2023	31-9-23 to 25-10-22	30 hours	1	1
Python For Data Science	NPTEL Online Certification.	2023	1-1-23 to 28-2-23	30 hours (4 weeks)	1	1
Data Structure and Algorithms Certification. Using JAVA.	NPTEL Online Certification.	2023	1-7-23 to 30-10-23	45 hours (12 weeks)	3	3
Artificial Intelligence: Search Methods for Problems solving.	NPTEL Online Certification.	2023	1-7-23 to 30-10-24	45 hours (12 weeks)	4	4
Python Fundamentals for Beginners	Great Learning	2023	1-5-23 to 30-6-23	35 hours	1	1
Discrete Mathematics	NPTEL Online Certification.	2023	1-1-23 to 01-04-2023	45 hours (12 weeks)	1	1
Advanced Robotics	NPTEL Online Certification.	2023	1-1-23 to 01-04-2023	45 hours (12 weeks)	1	1
Introduction to Experiments inFlight	NPTEL Online Certification.	2023	1-1-23 to 28-2-23	30 hours (4 weeks)	1	1
Ethical Hacking	NPTEL Online Certification.	2023	1-1-23 to 01-04-2023	45 hours (12 weeks)	2	2
Developing Your Emotional Intelligence	Linked In Learning	2023 year	20 -1-2023 to 27-1-2023	30 hours (1 week)	1	1
Being An Effective Team Member	Linked In Learning	2023 year	18-1-2023 to 25-1-2023	30 hours (1 week)	1	1
Ibm Data Science	IBM	2022	1-6-22 to 22-12-22	50 hours (6 months)	1	1
Big Data Computing	NPTEL Online Certification.	2022	1-8-22 to 1-10-22	40 hours (8 weeks)	1	1
Android Application Development	Great Learning Academy	2023	1-12-2022 to 1-1- 2023	30 hours (1week)	1	1
Introduction to Ethical Hacking in Hindi	Great Learning Academy	2022	20-11-2022 to 01-12-2022	30 hours (1week)	1	1
Interview Skills	TCS ion		01-08-2022 to 8-8-2022	30 hours (1week)	1	1
Introduction to Data Analytics	IBM	2022	15-11-2022 to 15 -12-2022	30 hours (1week)	2	2
AIML	ATS Learning Solutions	2022	16-10-2022 to 16-12-2022	40 hours (8 weeks)	4	4

Cyber Security & Ethikal Hacking	Adverk	2023	1-6-2023 to 08-06-2023	30 hours (1week)	3	3
Machine Learning	Adverk	2023	1-4-2023 to 29-04-2023	35 hours (4 weeks)	3	3
Python Fundamentals for Beginners	Great Learning Academy	2022	1-11-2022 to 01-12-2022	35 hours (1 Month)	1	1
Paypal Student Enablement Program	Paypal	2023	20-3-23 to 15-4-23	216 hours (6 weeks)	68	68
Techenical Training Program on Java and Python for 6th sem students	AI&ML,ME, CS, EC, ET	2023	8-5-2023 to 19-5-2023	60 hours (10 days)	289	289
Object Oriented concepts with C++ and Fourth generation Technologies	AIML , CSD	2022	17-10-22 to 21-10-22	30 hours	134	134
Simualtion of Analog and Digital circuits using multisim	ECE	2022	17-10-22 to 21-10-23	30 hours	126	126
Object Oriented concepts with Java	CSE	2022	17-10-22 to 21-10-24	30 hours	132	132



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Year 2 2021-22

Name of Certificate/ Value added course offered and online courses of MOOCs, SWAYAM, NPTEL etc. where the students of the institution have enrolled and successfully completed	Course Code (if any)	Year of offering/study	Period (from date - to date)	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
Google Analytics For Beginners	Google Analytics Academy	2022	1-1-22 to 01-02-2022	35 hours (4 week)	1	1
Artificial Intelligence Program	Rinex	2021	15-9-21 TO 24-11- 21	50 hours (3 MONTHS)	2	2
Launching Into Machine Learning	Coursera	2022	17-1-22 to 19-1-2022	30 hours	1	1
Programming For Everybody (Getting Started With Python)	Coursera	2022	8-1-22 to 8-2-2022	30 hours	1	1
Using Database With Python	Coursera	2022	18-12-21 to 19-1-2022	30 hours	1	1
Sql (Basic)	Hacker Rank	2022	1-1-2022 to 19-1- 2022	30 hours	1	1
Backend Web Development With Node Js	Google	2022	11-1-22 to 19-1- 2022	30 hours (1 week)	1	1
Build A Face Recognition Application Using Python	Coursera	2022	1-4-2021 to 25-4-2021	30 hours	1	1
Programming For Everbody Getting Started With Python	Coursera	2022	25-8-21 to 26-09-2021	30 hours	1	1
			16-7-21 to 23-09-2021	30 hours	1	1
			22-9-21 to 22-10-2021	30 hours	1	1
Algorithmic Toolbox	Coursera	2021	16-7-21 to 19-8-2021	30 hours (4 week)	1	1
Machine Learning with Data Science	TechieNest	2021	25/8/2021 to 24/9/2021	35 hours (1 Month)	1	1
Data Analytics with Python	mycaptain	2021	1-11-21 to 01-12-2021	35 hours (1 Month)	1	1
Python Programming course	mycaptain	2021	1-9-21 to 01-10-2021	35 hours (1 Month)	1	1
Artificial Intelligence course	mycaptain	2022	1-3-22 to 01-04-2022	35 hours (1 Month)	1	1
Sensors and Actuators	NPTEL Online Certification	2022	1-1-2022 to 1-4-2022	45 hours (12 weeks)	1	1
Cloud Computing	NPTEL Online Certification	2022	1-1-2022 to 1-4-2022	45 hours (12 weeks)	1	1
Data Science	Rinex in association with Cognizance IIT Roorkee	2022	10-1-2022 to 18-2-2022	35 hours (5 weeks)	2	2
Robotics	Teachnook	2022	1-6-2022 to 31-7-2022	30 hours	1	1
Cyber security & Ethical Hacking		2022	11/07/2022 to 16/07/2022	36 hours	130	130
Blockchain Technology		2022	09/05/2022 to 14/05/2022	36 hours	118	118

AR VR Game Development Using Unity		2022	23/05/2022 to 28/05/2022	36 hours	143	143
Python Programming		2022	23-5-2022 to 28-5-2022	36 hours	331	331
Parametric Design Optimization of Machine Components Using		2022	23-05-2022 to 28-05-2022	36 hours	43	43
Usage of Genetic algorithms(Matlab) in optimization of		2022	6-6-2022 To 11-06-2022	36 hours	11	11
Reverse Engineering Concepts and Structural Analysis of Mechanical Engineering Problems		2022	25-04-2022 to 30-04-2022	36 hours	91	91



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Year 3 2020-21

Name of Certificate/ Value added course offered and online courses of MOOCs, SWAYAM, NPTEL etc. where the students of the institution have enrolled and successfully completed	Course Code (if any)	Year of offering/study	Period (from date - to date)	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
Python 101 For Data Science	Cognitive Class	2020	23-9-2020 to 23-10-2020	30 hours	1	1
Introduction To Css3	Coursera	2020	28-8-2020 to 29-9-2020	32 hours	1	1
Ibm Data Science	Coursera	2020	8-10-2020 to 8-11-2020	30 hours	1	1
Blockchain Essentials	BC0101EN Cognitive Class	2020	1-11-2020 to 23-11-2020	30 hours	1	1
C Language	Caddez	2020	1-11-2020 to 01-12-2020	30 hours	1	1
Python For Everybody	Coursera	2020	20-8-2020 to 25-09-2020	32 hours	2	2
Programming Fundamentals	Coursera	2020	1-6-2020 to 6-7-2020	30 hours	2	2
			1-9-2020 to 06-10-2020	30 hours	1	1
Introduction To Datascience In Python	Coursera	2020	1-6-2020 to 6-7-2020	30 hours	1	1
Block Chain Basics	Coursera	2020	6-8-2020 to 06-09-2020	30 hours	1	1
Google Cloud Platform Fundamentals: core infrastructure	Google Cloud	2020	30-11-2020 to 6-12-2020	30 hours	2	2
Python Data Structure	Coursera	2020	10-5-2020 to 30-6-2020	30 hours	1	1
Build a Board Game Predictor Using Machine Learning	Eduonix	2020	12-5-2020 to 12-06-2020	30 hours	1	1
The Data Scientist's Tool Box	Coursera	2020	7-7-2020 to 7-8-2020	30 hours	1	1
Machine Learning with Datascience	TechieNest	2021	25-9-2021 to 24-9-2021	30 hours	1	1
Data Analytics with Python course	mycaptain	2021	1-11-2021 to 01-12-2021	30 hours	1	1
Python Programming course	mycaptain	2021	1-9-2020 to 01-10-2021	30 hours	1	1
Artificial Intelligence course	mycaptain	2022	1-3-2022 to 1-4-2022	30 hours	1	1
Material Things: 10 things every Engineer should know	Coursera	2020	18-8-2020 to 17-9-2020	30 hours	1	1
Introduction to Programming with MATLAB	Coursera	2020	8-9-2020 to 08-10-2020	32 hours	1	1
Introduction to Mechanical Engineering Design and Manufacturing with Fusion 360	Autodesk	2020	1-8-2020 to 01-09-2020	34 hours	1	1
eCARS2x: Electric Cars: Technology	DelftX	2021	13-2-2021 to 14-3-2021	36 hours	1	1
Autodesk CAD/CAM/CAE for Mechanical Engineering	Autodesk	2021	4-1-2021 to 4-2-2021	30 hours	1	1
Google IT Automation with Python	Coursera	2020	30-7-2020 to 31-8-2020	32 hours	1	1
Just Train me	Aapto solutions	2021	24-7-2021 to 24-8-2021	32 hours	1	1
Electric motorcycle design	Elemental motor works	2020	27-7-2020 to 27-9-202	30 hours	1	1

Introduction to Mechanical Engineering Design and Manufacturing with Fusion 360	Autodesk	2020	7-11-2020 to 07-12-2020	32 hours	1	1
Master In Pressure Vessels Heads	Letsfab	2020	4-9-2020 to 5-9-2020	30 hours	2	2
CATIA V5	KGTTI	2020	20-6-2020 to 28-12-2020	100 hours	1	1
AI For Everyone	Coursera	2020	1-8-2020 to 01-09-2020	32 hours	1	1
Introduction to Virtual Reality	Coursera	2020	1-1-2020 to 08-01-2020	30 hours	1	1
Introduction to Self-Driving Cars	Coursera	2020	30-6-2020 to 31-7-2020	30 hours	1	1
PROGRAMMING FOR EVERYBODY(GETTING STARTED WITH PYTHON)	Coursera	2020	24-6-2020 to 24-07-2020	30 hours	1	1
			12-4-2020 to 12-05-2020		1	1
			8-8-2020 to 08-09-2020		1	1
DIGITAL THREAD : COMPONENTS	Coursera	2020	7-09-2020 to 8-10-2020	30 Hours	1	1
DIGITAL THREAD :IMPLEMENTATION	Coursera	2020	20-07-2020 to 24-08-2020	30 Hours	1	1
ADVANCED MANUFACTURING PROCEDD ANALYSIS	Coursera	2020	29-07-2020 to 30-08-2020	30 Hours	1	1
INTO TO DIGITAL MANUFACTURING WITH AUTODESK FUSION 360	Coursera	2020	07-09-2020 to 07-10-2020	30 Hours	1	1
MATERIALS SCIENCE ;10 THINGS ENGINEER SHOULD KNOW	Coursera	2020	03-08-2020 to 07-09-2020 22-02-2021 to 21-03-2021	30Hours	2	2
ADVANCED STYLING WITH RESPONSIVE DESIGN	Coursera	2020	07-09-2020 to 09-10-2020	30Hours	2	2
INTRODUCTION TO MECHANICAL ENGINEERING DESIGN AND MANUFACTURING FUSION 360	Coursera	2021	01-07-2020 to 01-08-2020 6-11-2020 to 7-12-2020 21-05-2021 to 21-06-2021	30 Hours	3	3
INTRODUCTION TO CSS3	Coursera	2020	8-7-2020 to 8-8-2020	30 Hours	1	1
DIGITAL MANUFACTURING AND DESIGN	Coursera	2020	29-06-2020 to 28-07-2020	30 Hours	1	1
INTRODUCTION TO HTML5	Coursera	2020	9-02-2020 to 8-03-2020	30 Hours	1	1
INTERACTIVITY WITH JAVASCRIPT	Coursera	2020	9-11-2020 to 8-12-2020	30 Hours	1	1
MATERIALS SCIENCE ;10 THINGS EVERY ENGINEER SHOULD KNOW	Coursera	2020	21-08-2020 to 20-9-2020	30 Hours	1	1
CODE YOURSELF: AN ITRODUCTION TO PROGRAMMING	Coursera	2020	9-7-2020 to 8-8-2020	30 Hours	1	1
CAMERAS, EXPOSURE AND PHOTOGRAPHY	Coursera	2020	20-06-2020 to 21-07-2020	30 Hours	1	1
VISUAL ELEMENTS OF USER INTERFACE DESIGN	Coursera	2020	15-07-2020 to 14-08-2020	30 Hours	1	1
UX DESIGN FUNDAMENTAL	Coursera	2020	8-06-2020 to 9-07-2020	30 Hours	1	1
PYTHON DATA STRUCTURES	Coursera	2020	15-07-2020 to 13-08-2020	30 Hours	1	1
ECARS 2X:ELECTRIC CARS: TECHNOLOGY	DelftX	2020, 2021	2020 15-02-2021 to 14-03-	30 Hours	2	2
FUNDAMENTALS WITH JAVASCRIPT ,HTML AND CSS	Coursera	2020	17-06-2020 to 18-07-2020	30 Hours	1	1
MECHANICAL ENGINEERING DESIGN	Coursera	2020	15-07-2020 to 13-08-2020	30 Hours	1	1

DESIGN THINKING AND UI/UX DESIGN	Coursera	2021	04-01-2021 to 04-02-2021	4 weeks	1	1
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Year 4 2019-20

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Programming Fundamentals	Coursera	2020	6-4-2020 to 06-05-2020	30 hours	2	2
			25-2-2020 to 25-3-2020	30 hours	1	1
			June 10 2020	30 hours	1	1
Career Edge-Knockdown the Lockdown	Tata Consultancy Services	2020	7-4-2020 to 21-5-2020	34 hours	1	1
			7-4-2020 to 17-5-2020	34 hours	1	1
			7-4-2020 to 19-5-2020	34 hours	1	1
Python Foundation	Apponix	2020	10-3-2020 to 10-4-2020	30 hours	1	1
Web Penetration Testing	TEQUED LABS	2020	11-5-2020 to 17-5-2020	30 hours	1	1
Build a Machine Learning Web App with Streamlit and Python	Coursera	2020	19-4-2020 to 19-5-2020	34 hours (1 Month)	1	1
Covid 19 :You Need to Know	Coursera	2020	19-4-2020 to 19-5-2020	34 hours	1	1
			20-4-2020 to 20-5-2020		1	1
Block Chain Technology and Its Applications	TEQUED LABS	2020	20th April to 26th April	30 hours	2	2
Create your own first python program	Coursera		20-4-2020 to 20-5-2020	30 hours	4	4
Computer Vision-Image Basics with OPen CV and Python	Coursera	2020	30-4-2020 to 31-5-2020	30 hours	1	1
Creating Your First C++ Application	Coursera	2020	30-4-2020 to 31-5-2020	30 hours	1	1
Wireless Communication for Everybody	Coursera	2020	1-5-2020 to 1-6-2020	30 hours	3	3
AI for Everyone	Coursera	2020	2-5-2020 to 2-6-2020	30 hours	1	1
Internet of Things and Machine Learning	Bolt	2020	21-3-2020 to 21-05-2020	2 Month	1	1
Applications of Internet of things		2019	26-8-2019 to 31-8-2019	36 hours	301	301
Computer Aided Design and Computer Aided Manufacturing for Industrial Application		2019	04-11-2019 to 09-11- 2019	36 hours	135	135
Industrial Automation and Robotics		2019	21-10-2019 to 26-10- 2019	36 hours	135	135
Introduction to Data Science and Data Analytics		2019	26/08/2019 to 31/08/2019	36 hours	107	107
Introduction to Ethical Hacking		2019	4/11/2019 to 9/11/2019	36 hours	126	126

Image and video Processing using Rasberry Pi		2019	21-10-2019 to 26-10-2019	36 hours	217	217
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Year 5 2018-19

Name of Certificate/ Value added course offered and online courses of MOOCs, SWAYAM, NPTEL etc. where the students of the institution have enrolled and successfully completed	Course Code (if any)	Year of offering/study	Period (from date - to date)	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
Web App Development Workshop	Climber	2019	1-6-2019 to 01-07-2019	30 hours	1	1
Web & User Interface Development Training	Prinston Smart Engineers	2019	1-3-2019 01-04-2019	30 hours	1	1
Onelit Certified Remote Hacking Python Expert Course	Onelit Certified Rhpe	2019	01-12-2018 to 1-1-2019	30 hours	1	1
Data Engineering On Google Cloud Platform	Coursera	2019	14-5-2018 to 15-11-2018	30 hours	1	1
Cryptography	Cybrary	2018	5-4-2018 to 5-5-2018	30 hours	1	1
Internal Components of a Computer	Cybrary	2018	29-3-2018 to 29-4-2018	30 hours	1	1
Programming with Python for Data Sciences	NIIT	2018-2019	28-2-2019 to 31-03-2019	34 hours	1	1
Programing in Java	NIIT	2018-2019	2-10-2018 to 02-11-2018	34 hours	1	1
Cyber security & Ethical Hacking		2018	27-8-18 to 1-9-18	36 hours	362	362
Advances in Additive Manufacturing Technique (3D Printing)		2018	06-08-2018 to 11-08- 2018	36 hours	137	137
Heating Ventilation and Air Conditioning System Design		2018	24-09-2018 to 29-09- 2018	36 hours	120	120
Quadcopter		2018	12-11-2018 to 17-11- 2018	36 hours	235	235
Fundamentals of Python Programming		2018	12/11/2018 to 17/11/2018	36 hours	128	128
Mobile Application Development		2018	06/08/2018 to 11/08/2018	36 hours	122	122



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