Criterion 1 –Curricular Aspects

1.2 : Academic Flexibility:

1.2.1 : Number of certificate / Value added courses offered and online courses ofMOOCs, SWAYAM, NPTEL etc.

Sample certificates of 2021-22 are shown in the link Sample Certificates All the certificates yearwise and coursewise are given in below table

Evidence of course completion: Certificates

Academic Year	SDP	Link:
2021-22	Blockchain Technology	Blockchain Technology
	Structural Modeling And 3D Printing	Sructural Modeling and 3D Printing
	Natural language processing using python	NLP with Python
	AdvancedAntenna Design Using HFSS	Advanced Antenna Design
	Workshopon Rpi	Rpi Workshop
	Image Processingand Machine Learning using Python	Image Processing and Machine Learning
	Full Stack Web Development	Full Stack Develpoment
2020-21	Data Science	Data Science
	Mobile &Web Development	Mobile and Web Development
	Introductio n to Embedded System andIoT	Introduction to Embedded System and IOT
	Advanced Antenna Design	Advanced Antenna Design
	Machine Learning and Image Processing using Python	Machine Learning and Image Processing Using Python
	Network Management and Security	Network Management and Security
	SimulationUsing Ansys and CFD	Simulation using Ansys and CFD
	3D Modelling and 3DPrinting	3D Modeling and Printing
2019-20	Embedded System Design Using Arduino	Embedded System Design using Arduino
	Embedded system-ArmMbed and Node McU	Embedded System-Armbed and NodeMcU
	FPGA design usingVHDL	FPGA Design using VHDL
	Introductionto Arduino, IoT and Interfacing using Simulator	Introduction to Arduino IOT

	software	
	Machine Learning andImage Processing using Python	**Macine Learning using Python**
	C, C++ and Java codingskills	**C,C++,Java Coding Skills**
	BlockChainTechnology	**Blockchain Technology**
	Network Security &Ethical Hacking	**Network Security and Ethical Hacking**
	Ethical Hacking &Security	**Ethical Hacking and Security**
	Hands on Training on Introduction to R	**Introduction to R**
	web technology	**Web Development Technology**
	Data Sciencewith R	**Data Science with R**
	Advance C	**Advance C**
	Advanced web technology	**Advanced Web Technologies**
	SoftwareDesign	**Software Design**
	Skill DevelopmentTraining	**Skill Development Training**
	Data Mining and Analytics	**Data mining and Analytics**
	CCNA Routing and switching	**CCNA Routing and Switching**
	Heat Transfer and Fluid Flow Analysis using Ansys Fluent	**Heat Transfer and Fluid Flow Analysis**
	Industrial drawing andmodeling using AutoCAD and Solid works	**AutoCAD**
	Modeling Robot Kinematics using PythonProgramming	**Modeling Robotic Kinematic**
	UniversalHuman Values	**Universal Human Values**
	Ethical Professionall Communication	**Ethical Professional Communication**
2018-19	EDUVAN CE SUMMER INDUSTRIAL TRAININ G 2018	**EDUVANCE Summer Industrial Training**
	Network Security &Ethical Hacking	**Network Security and Ethical Hacking**
	Ethical Hacking &Security	**Ethical Hacking and security**
	MachineLearningwith Python	**Machine Learning with Python**

	PLC Programming FromScratch	**PLC Programming**
2017-18	Ethical Hacking &Security	**Ethical Hacking and Security**
	Web ApplicationSecurity & Ethical Hacking	**Web Application Security**
	Linux Lamp Workshop	**Linux Lamp workshop**
	Data Mining with R	**Data Mining with R**
	Advanced Java	**Advanced Java**
	Python Programming	**Python Programming**
	Designing and Managing Database	**Designing and Managing Databases**
	PLC Programming FromScratch	**PLC Programming**