



JAYAWANT SHIKSHAN PRASARAK MANDAL'S
RAJARSHI SHAHU COLLEGE OF ENGINEERING

An Empowered Autonomous Institute Affiliated to Savitribai Phule Pune University-I.D. No.: PU/PN/Engg./173(2001)

AISHE CODE C - 41614



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Dr. Santosh P. Bhosle
M.Tech.(Prod.) Gold Medallist,
Ph.D. (Mech.), M.B.A. (H.R.)
Director

Key Indicator 1.3: Curriculum Enrichment

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 (without repeat count) where the students of the institution have enrolled and successfully completed during the last five years.

HEI Input : 149

DVV Findings:

- 1) Provide authenticated list showing 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 (without repeat count) where the students of the institution have enrolled and successfully completed during the last five years duly signed by competent authority
- 2) Provide Evidence of course completion, like course completion certificate etc

HEI Submission: As per DVV findings, authenticated list showing Number of certificate/value added courses and course completion certificates are given in table below.

Along with this, the details of all certificate/value added courses [online/offline] is available at URL:

<https://www.jspmrscoe.edu.in/naac/naac-cycle-ii/SSR-DVV-Support-Documents/CRITERIA%201/1.3.2>




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Sr No	Name of the course/programme	Course/ programme Code (if any)	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		Link to the relevant document
						enrolled	completed	
1	CNC & VMC Training	AR	Offline	2023-24	30	13	13	https://www.jspmrscoe.edu.in/NAA C CY II SSR Docs/Criteria-1/1.3.2/AR-CNC-VMC-Training_AY2023-24.pdf
2	CATIA V5 and ANSYS	AR	Online by G2G Innovation	2023-24	30	24	24	https://www.jspmrscoe.edu.in/NAA C CY II SSR Docs/Criteria-1/1.3.2/AR-CATIA ANSYS AY2023-24.pdf
3	Data Analytics with Python	AR	NPTEL	2023-24	12 Weeks	4	4	https://www.jspmrscoe.edu.in/NAA C CY II SSR Docs/Criteria-1/1.3.2/AR-Data Analytics with Python AY2023-24.pdf
4	Embedded Systems Design	AR	NPTEL	2023-24	12 Weeks	1	1	https://www.jspmrscoe.edu.in/NAA C CY II SSR Docs/Criteria-1/1.3.2/AR-Embedded-Systems-Design AY2023-24.pdf
5	Fundamentals of Artificial Intelligence	AR	NPTEL	2023-24	12 Weeks	1	1	https://www.jspmrscoe.edu.in/NAA C CY II SSR Docs/Criteria-1/1.3.2/AR-Fundamentals Artificial Intelligence_AR2023-24.pdf
6	Industrial Hydraulics and Automation	AR	NPTEL	2023-24	12 Weeks	1	1	https://www.jspmrscoe.edu.in/NAA C CY II SSR Docs/Criteria-1/1.3.2/AR-Industrial Hydraulics Automation AY2023-24.pdf




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7	Introduction to Industry 4.0 and Industrial Internet of Things	AR	NPTEL	2023-24	12 Weeks	3	3	https://www.jspmrscoe.edu.in/NAA C CY II SSR Docs/Criteria-1/1.3.2/AR-Introduction to I4 IIOT AY2023-24.pdf
8	Introduction to Internet of Things	AR	NPTEL	2023-24	12 Weeks	3	3	https://www.jspmrscoe.edu.in/NAA C CY II SSR Docs/Criteria-1/1.3.2/AR-Introduction to IOT AY2023-24.pdf
9	Introduction to Machine Learning	AR	NPTEL	2023-24	12 Weeks	1	1	https://www.jspmrscoe.edu.in/NAA C CY II SSR Docs/Criteria-1/1.3.2/AR-IntroductiontoMachineLearning_A Y2023-24.pdf
10	Product Design and Manufacturing	AR	NPTEL	2023-24	12 Weeks	2	2	https://www.jspmrscoe.edu.in/NAA C CY II SSR Docs/Criteria-1/1.3.2/AR-ProductDesignandManufacturing_A Y2023-24.pdf
11	Programming in Java	AR	NPTEL	2023-24	12 Weeks	1	1	https://www.jspmrscoe.edu.in/NAA C CY II SSR Docs/Criteria-1/1.3.2/AR-ProgramminginJava_AY2023-24.pdf
12	Advance Robotics	AR	NPTEL	2023-24	12 Weeks	1	1	https://www.jspmrscoe.edu.in/NAA C CY II SSR Docs/Criteria-1/1.3.2/AR-Advancedrobotics_AY2023-24.pdf
13	Essentials of Industrial Robotics	AR	Offline	2023-24	48	24	24	https://www.jspmrscoe.edu.in/NAA C CY II SSR Docs/Criteria-1/1.3.2/AR-EssentialsofIndustrialRobotics_AY2023-24.pdf

14	Skill Development	Civil	Offline	2023-24	30	41	41	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Civil-knowhowsoftskill_2023-24.pdf
15	Microstation Training	Civil	Offline	2023-24	30	58	58	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Civil-Microstation_2023-24.pdf
16	Business Intelligence & Analytics	CS	NPTEL	2024	12 week	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Computer-Business-Intelligence-and-Analytics_2023-24.pdf
17	Cloud Computing	CS	NPTEL	2024	12 week	15	15	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Computer-Cloud Computing_2023-24.pdf
18	Cloud Computing and Distributed System	CS	NPTEL	2024	8 week	12	12	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Computer-Cloud-Computing-and-Distributed-System_2023-24.pdf
19	Computer Networks and Internet Protocol	CS	NPTEL	2024	12 week	5	5	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Computer-Networks-and-Internet-Protocol_2023-24.pdf
20	Programming Data Structures and Algorithms Using Python	CS	NPTEL	2024	8 week	2	2	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Computer-Programming-Data-Structures-And-Algorithms-Using-Python_2023-24.pdf
21	Database Management System	CS	NPTEL	2024	8 week	34	34	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Computer-Database-Management-System_2023-24.pdf




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22	Foundation of Cloud IoT Edge ML	CS	NPTEL	2024	12 week	3	3	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Computer-Foundation-of-Cloud-IoT-Edge-ML_2023-24.pdf
23	Information Security - 5 - Secure Systems Engineering	CS	NPTEL	2024	8 week	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Computer-Information-Security-5-Secure-Systems-Engineering_2023-24.pdf
24	Introduction to Machine Learning	CS	NPTEL	2024	12 week	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Computer-Introduction-to-Machine-Learning-12W_2023-24.pdf
25	Introduction to Machine Learning	CS	NPTEL	2024	8 week	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Computer-Introduction-to-Machine-Learning-8W_2023-24.pdf
26	Machine Learning for Engineering and Science Applications	CS	NPTEL	2024	12 week	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Computer-MachineLearningforEngineeringandScienceApplications_2023-24.pdf
27	Programming in Java	CS	NPTEL	2024	12 week	21	21	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Computer-Programming-in-Java_2020-21.pdf
28	Python For Data Science	CS	NPTEL	2024	4 week	5	5	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Computer-Python-For-Data-Science_2023-24.pdf
29	Cyber Security and Privacy	CS	NPTEL	2024	12 week	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Computer-Cyber-Security-and-Privacy_2023-24.pdf



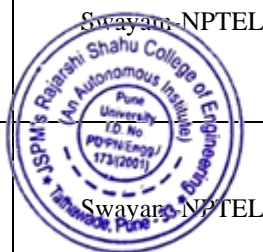
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30	Mastering Data Structure & Algorithm using C & C++	CS	Udemy	2024	58.5	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Computer-Mastering-Data-Structure-Algorithm-using-CPlusPlus-2023-24.pdf
31	Spring Boot3	CS	Udemy	2024	39	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Computer-Spring-Boot3_2023-24.pdf
32	The Complete 2023 Web Development Bootcamp	CS	Udemy	2024	63	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Computer-The-Complete-2023-Web-Development-Bootcamp_2023-24.pdf
33	Learn C++ Programming- Beginner to Advance- Deep Dive in C++	CS	Udemy	2024	30.5	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Computer-Learn-CPlusPlus-Programming-Beginner-to-Advance-Deep-Dive-in-CPlusPlus_2023-24.pdf
34	NPTEL Online certification on Cloud	CSBS	NPTEL	2023-24	84	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/CSBS-OnlineCertificationoncloud_2023-24.pdf
35	NPTEL Online certification on computer network and internet protocol	CSBS	NPTEL	2023-24	84	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/CSBS-Computernetworks_andInternetprotocol_2023-24.pdf
36	Course on Programming in Modern C++	CSBS	NPTEL	2023-24	30	69	69	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/CSBS-ProgramminginmodernCPP_2023-24.pdf



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37	Course on DBMS	CSBS	NPTEL	2023-24	30	76	70	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/CSBS-OnlinecertificationDBMS_2023-24.pdf
38	NPTEL certification on Design & Analysis of Algorithms	CSBS	NPTEL	2023-24	12 Weeks	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/CSBS-DAA_2023-24.pdf
39	Advances in UHV transmission and distribution	EE	Swayam-NPTEL	2023-24	8 Weeks	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/EE-NPTEL-AdvancesinUHVtransmissionanddistribution_AY2023-24.pdf
40	Data Base Management System	EE	Swayam-NPTEL	2023-24	8 Weeks	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/EE-NPTEL-DataBaseManagementSystemAY2023-24.pdf
41	Data Structures and Algorithms using Java	EE	Swayam-NPTEL	2023-24	12 Weeks	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/EE-NPTEL-DataStructuresandAlgorithmsusingJava_AY2023-24.pdf
42	EV- Vehicle Dynamics and Electric Motor Drive	EE	Swayam-NPTEL	2023-24	8 Weeks	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/EE-NPTEL-EV-VehicleDynamicsandElectricMotorDrive_AY2023-24.pdf
43	Introduction to Internet of things	EE	Swayam-NPTEL	2023-24	12 Weeks	2	2	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/EE-NPTEL-IntroductiontoInternetofthings_AY2023-24.pdf



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44	Introduction to semiconductor devices	EE	Swayam-NPTEL	2023-24	12 Weeks	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/EE-NPTEL-Introductiontosemiconductordevices_AY2023-24.pdf
45	Power System Protection	EE	Swayam-NPTEL	2023-24	12 Weeks	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/EE-NPTEL-PowerSystemProtection_AY2023-24.pdf
46	Power system protection and swithgear	EE	Swayam-NPTEL	2023-24	8 Weeks	12	12	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/EE-NPTEL-Powersystemprotectionandswitchgear_AY2023-24.pdf
47	Smart grid basic to advanced technologies	EE	Swayam-NPTEL	2023-24	12 Weeks	3	3	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/EE-NPTEL-Smartgridbasictoadvancedtechnologies_AY2023-24.pdf
48	UAS/Drone Technology	ENTC	IETE-Offline	2023-24	40 Hrs	29	29	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/ENTC-UAS_Drone_Technology.pdf
49	Tinder Clone using HTML & CSS	ENTC	Developer student Clubs	2023-24	1 Week	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/ENTC-TinderCloneusingHTMLandCSS_2023-24.pdf
50	Python for Data Science	ENTC	Swayam-NPTEL	2023-24	4 Week	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/ENTC-PythonforDataScience_2023-24.pdf



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51	Microprocessors and Microcontroller	ENTC	Swayam-NPTEL	2023-24	12 Week	1	1	https://www.jspmrscoe.edu.in/NAA C CY II SSR Docs/Criteria-1/1.3.2/ENTC-Microprocessors and Microcontroller 2023-24.pdf
52	Design Thinking Applied to IoT Product Development Workshop	ENTC	IoT Club-Offline	2023-24	1 Month	25	25	https://www.jspmrscoe.edu.in/NAA C CY II SSR Docs/Criteria-1/1.3.2/ENTC-Design Thinking 2023-24.pdf
53	Fundamentals in Cybersecurity	ENTC	Fortinet training institute	2023-24	1 Year	1	1	https://www.jspmrscoe.edu.in/NAA C CY II SSR Docs/Criteria-1/1.3.2/ENTC-Fundamentals of Cybersecurity 2023-24.pdf
54	Development course	ENTC	MMECC	2023-24	3 Months	3	3	https://www.jspmrscoe.edu.in/NAA C CY II SSR Docs/Criteria-1/1.3.2/ENTC-Front End Development Course 2023-24.pdf
55	Automotive Embedded Systems Internship	ENTC	NEUAI LABS	2023-24	6 Months	4	4	https://www.jspmrscoe.edu.in/NAA C CY II SSR Docs/Criteria-1/1.3.2/ENTC-Automotive Embedded Systems Internship 2023-24.pdf
56	Beginning c++ programming from beginner to beyond	ENTC	Udemy	2023-24	46 Hrs	1	1	https://www.jspmrscoe.edu.in/NAA C CY II SSR Docs/Criteria-1/1.3.2/ENTC-Beginning CPP Programming 2023-24.pdf
57	Front -End Development Libraries	ENTC	Freecodecamp	2023-24	300 Hrs	5	2	https://www.jspmrscoe.edu.in/NAA C CY II SSR Docs/Criteria-1/1.3.2/ENTC-Front -End Development Libraries 2023-24.pdf



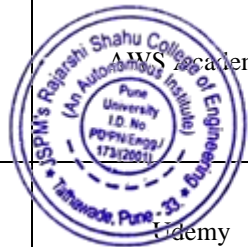
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58	Business Developer	ENTC	GDIOT	2023-24	6 Month	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/ENTC-Business_Developer_2023-24.pdf
59	Python	ENTC	SevenMentor	2023-24	1 Month	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/ENTC-Python_Programming_2023-24.pdf
60	C- Programming	ENTC	Diamond mindglance	2023-24	45 Hrs.	3	3	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/ENTC-C_Programming_2023-24.pdf
61	Embedded System Developer Virtual Internship (Edu Skills)	ENTC	EduSkills	2023-24	3 Months	10	7	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/ENTC-Embedded_System_Developer_2023-24.pdf
62	Data Structures in C++	ENTC	Coding Ninjas	2023-24	5 Months	2	2	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/ENTC-Data_Structure_in_CPP_2023-24.pdf
63	NPTEL	IT	SWAYAM	2023-24	-	8	2	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/IT-NPTEL-23-24.pdf
64	Coursera	IT	MOOC	2023-24	-	15	10	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/IT-Coursera-23-24.pdf
65	Udemy	IT	MOOC	2023-24	-	41	22	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/IT-Udemy-23-24.pdf
66	Cisco	IT	MOOC	2023-24	-	8	2	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/IT-CISCO-23-24.pdf

67	Oracle Certificate	IT		2023-24		106	8	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/IT-Oracle-23-24.pdf
68	Learnton'23	IT		2023-24	DIRECTOR Jayant Shikshan Prasarak Mandals Rajarshi Shahu College of Engineering (An Autonomous Institute) Tathawade, Pune - 411 033, M.S. (India)		6	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/IT-Learnathon-23-24.pdf
69	Campus Readiness Training (FACE/Talentio)	MCA	Offline	2023-24	120	68	68	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/MCA_CampusReadinessTraining_2023_2024.pdf
70	A Deep understanding of deep learning (with python intro)	MCA	Udemy	2023-24	57.5	2	2	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/MCA_ADeepunderstandingofdeeplearning_withPythonIntro_23_24.pdf
71	Complete Data science & Machine Learning	MCA	Udemy	2023-24	33.5	2	2	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/MCA_CompleteData science MachineLearning_23_24.pdf
72	Complete Machine Learning & Data science Boot camp 2023	MCA	Udemy	2023-24	44	13	13	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/MCA_CompleteMachineLearningandDatascienceBootcamp2023_23_24.pdf
73	Data Science	MCA	Udemy	2023-24	33.5	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/MCA_DataScience-CompleteDataScience_23_24.pdf
74	Machine Learning & Deep Learning Bootcamp in Python	MCA	Udemy	2023-24	32.5	2	2	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/MCA_MachineLearningandDeepLearningBootcampinPython_23_24.pdf

75	AWS Certified Developer Associate- AWS Certification	MCA	Udemy	2023-24	34.5	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/MCA_AWS_Certified_Developer_Associate_23_24.pdf
76	CLOUD COMPUTING	MCA	NPTEL	2023-24	84	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/MCA_CLOUDCOMPUTING_NPTEL_23_24.pdf
77	AWS Academy Graduate- AWS Academy cloud Architecting	MCA	AWS Academy	2023-24	40	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/MCA_AWS_Academy_Graduate-AWS_Academy_cloud_Architecting_AWS_23_24.pdf
78	AWS Certified Developer Associate- AWS Certification	MCA	Udemy	2023-24	34.5	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/MCA_AWS_Certified_Developer_Associate_23_24.pdf
79	Ultimate google cloud certification -all in one bundle 2023	MCA	Udemy	2023-24	57	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/MCA_Ultimate-google-cloud-certification-all-in-one-bundle-2023_23_24.pdf
80	CNC Hands on training	MECH	Offline	2023-24	36 weeks	74	74	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Mechanical-CNCHandsontraining_2023-24.pdf
81	Enhancing Soft Skills and Personality	FYBTECH	Swayam-NPTEL	2023-24	8 week	269	149	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/FYBTECH-EnhancingSoftSkillsandPersonality.pdf
82	Introduction to C - certification	FYBTECH	Online By Sololearn	2023-24	self Paced	193	193	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/FYBTECH-Introduction_to_C_certification.pdf



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83	Boot camp on Python Training	AR	Offline	2022-23	40	61	61	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/AR-BootcamponPythonTraining_AY2022-23.pdf
84	NPTEL	Civil	Online	2022-23	12 Weeks	4	4	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Civil-NPTEL_2022-23.pdf
85	L&T Sustainable design of buildings	Civil	Offline	2022-23	45	55	55	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Civil-LandT_2022-23.pdf
86	Developing Soft Skills and Personality	CS	NPTEL	2022-23	8 weeks	3	3	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Computer-Developing-Soft-Skills-and-Personality_2022-23.pdf
87	Barclay Python Bootcamp	CSBS	NPTEL	2022-23	30	69	26	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/CSBS-barclay.pdf
88	NPTEL Online certification on developing softskill and personality	CSBS	NPTEL	2022-23	56	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/CSBS_Developing_SoftSkill_and_Personality.pdf
89	Power system protection	EE	Swayam-NPTEL	2022-23	12 Weeks	31	31	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/EE-NPTEL-PSP-AY2022-23.pdf
90	Advance Power Electronics and Control	EE	Swayam-NPTEL	2022-23	12 Weeks	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/EE-NPTEL-AdvancepowerelectronicsandControl_AY2022-23.pdf
91	Embedded System Design with ARM	EE	Swayam-NPTEL	2022-23	8 Weeks	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/EE-NPTEL-EmbeddedSystemDesignwithARM_AY2022-23.pdf



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92	ELECTRIC VEHICLES PART 1	EE	Swayam-NPTEL	2022-23	4 Week	3	3	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/EE-NPTEL-Electricvehicle-PI_AY2022-23.pdf
93	Introduction to programming in C	EE	Swayam-NPTEL	2022-23	8 Weeks	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/EE-NPTEL-Introduction to Programming in C_AY2022-23.pdf
94	Non-conventional Energy Resources	EE	Swayam-NPTEL	2022-23	12 Weeks	5	5	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/EE-NPTEL-Non-ConventionalEnergyResources_AY2022-23.pdf
95	Air pollution and control	EE	Swayam-NPTEL	2022-23	12 Weeks	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/EE-NPTEL-AirPollutionandControl_AY2022-23.pdf
96	Introduction to embedded system design	EE	Swayam-NPTEL	2022-23	12 Weeks	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/EE-NPTEL-IntroductiontoembeddedsystemDesign_AY2022-23.pdf
97	Safety in construction	EE	Swayam-NPTEL	2022-23	8 Weeks	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/EE-NPTEL-SafetyinConstruction_AY2022-23.pdf
98	The Joy of Computing using Python	EE	Swayam-NPTEL	2022-23	12 Weeks	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/EE-NPTEL-TheJoyofComputingusingPython_AY2022-23.pdf



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99	Programming in Java	EE	Swayam-NPTEL	2022-23	12 Weeks	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/EE-NPTEL-Programming in Java AY2022-23.pdf
100	Cloud Computing	EE	Swayam-NPTEL	2022-23	8 Weeks	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/EE-NPTEL-Cloudcomputing AY2022-23.pdf
101	An Introduction to Microeconomics	EE	Swayam-NPTEL	2022-23	12 Weeks	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/EE-NPTEL-AnIntroductiontoMicroeconomics AY2022-23.pdf
102	Enhancing soft skills and personality	EE	Swayam-NPTEL	2022-23	8 Weeks	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/EE-NPTEL-EnhancingSoftSkillsandPersonality AY2022-23.pdf
103	Fundamentals of electrical engineering	EE	Swayam-NPTEL	2022-24	12 Weeks	4	4	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/EE-NPTEL-Fundamentalsofelectricalengineering AY2022-23.pdf
104	Udemy	IT	MOOC	2022-23	-	41	41	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/IT-2022-23_udemy.pdf
105	Coursera	IT	MOOC	2022-23	-	20	2	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/IT-2022-23_coursera.pdf
106	LinkedIn	IT	MOOC	2022-23	-	12	7	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/IT-2022-23_linkdin.pdf
107	SkillUp	IT	MOOC	2022-23	-	4	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/IT-2022-23_skillUp.pdf



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108	CNC Hands on Training	Mech	Offline	2022-23	36 weeks	99	99	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Mechanical-CNCHandsontraining_2022-23.pdf
109	Block-Chain and Its application (NPTEL)	ENTC	NPTEL-Online	2022-23	2 months	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/ENTC Blockchain and Its Applications_2022-23.pdf
110	Data Structure and Algorithms using Java (NPTEL)	ENTC	NPTEL-Online	2022-23	4 Months	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/ENTC Data Structure and Algorithms_2022-23.pdf
111	Microprocessors and Microcontrollers (NPTEL)	ENTC	NPTEL-Online	2022-23	2 Months	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/ENTC Microprocessors and Microcomputer_2022-23.pdf
112	The Joy of Computing using Python (NPTEL)	ENTC	NPTEL-Online	2022-23	12 Weeks	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/ENTC The Joy of Computing using Python_2022-23.pdf
113	Cloud Computing and Machine Learning training (Microsoft)	ENTC	Online	2022-23	4 Months	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/ENTC Cloud Computing_2022-23.pdf
114	TCS ION Career Edge – Young Professional	ENTC	Online	2022-23	1 Month	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/ENTC TCS iON Career Edge_2022-23.pdf
115	Mastering Data structure and Algorithm using C and C++ (udemy)	ENTC	Online	2022-23	99 Hrs	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/ENTC Mastering Data Structures and Algorithms_2022-23.pdf



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116	Diploma in Python (first bit solutions Pune)	ENTC	Online	2022-23	300 Hrs	1	1	https://www.jspmrscoe.edu.in/NAA C CY II SSR Docs/Criteria-1/1.3.2/ENTC Diploma in Python 2022-23.pdf
117	HTML Workshop(GeeksforGeeks)	ENTC	Online	2022-23	8 Weeks	1	1	https://www.jspmrscoe.edu.in/NAA C CY II SSR Docs/Criteria-1/1.3.2/ENTC HTML Workshop 2022-23.pdf
118	Beginning C++ Programming (udemy)	ENTC	Online	2022-23	46	1	1	https://www.jspmrscoe.edu.in/NAA C CY II SSR Docs/Criteria-1/1.3.2/ENTC Beginning CPP Programming 2022-23.pdf
119	Campus Readiness Training (FACE/Talentio)	MCA	Offline	2022-23	120	68	68	https://www.jspmrscoe.edu.in/NAA C CY II SSR Docs/Criteria-1/1.3.2/MCA CampusReadinessTraining 2022 2023.pdf
120	Python Basics certification	FYBTECH	Online Infosys Spring Board	2022-23	self Paced	100	100	https://www.jspmrscoe.edu.in/NAA C CY II SSR Docs/Criteria-1/1.3.2/FYBTECH-PythonBasiscertification.pdf
121	Zensar	IT	Offline	2021-2022	40 Hours	76	76	https://www.jspmrscoe.edu.in/NAA C CY II SSR Docs/Criteria-1/1.3.2/IT-ZENSAR-2021-22.pdf
122	Core Java Programming Course	ENTC	Online	2021-2022	2 Months	2	2	https://www.jspmrscoe.edu.in/NAA C CY II SSR Docs/Criteria-1/1.3.2/ENTC Core Java Programming 2021-22.pdf
123	Data Science (ML,DL) with Python	ENTC	Online	2021-2022	3 Months	1	1	https://www.jspmrscoe.edu.in/NAA C CY II SSR Docs/Criteria-1/1.3.2/ENTC Data Science with Python 2021-22.pdf
124	C Programming (Atharv Infotech)	ENTC	Online	2021-2022	3 Months	1	1	https://www.jspmrscoe.edu.in/NAA C CY II SSR Docs/Criteria-1/1.3.2/ENTC C Programming Language 2021-22.pdf




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125	Python Basic to Advanced (Gamaka AI Solutions)	ENTC	Online	2021-2022	2 Months	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/ENTC_Python_Basic_and_Advanced_2021-22.pdf
126	Beginning C++ Programming (udemy)	ENTC	Online	2021-2022	45 Hours	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/ENTC_Beginning_CPP_Programming_2021-22.pdf
127	CNC Hands on training	MECH	Offline	2021-22	36 weeks	32	32	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Mechanical-CNCHandsontraining_2021-22.pdf
128	Campus Readiness Training (FACE/Talentio)	MCA	Offline	2021-22	120	68	68	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/MCA_Campus_Readiness_Training_2021_2022.pdf
129	NPTEL	CIVIL	ONLINE	2020-21	12 weeks	4	4	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Civil-NPTEL_2021-22.pdf
130	Programming in Java	CS	NPTEL	2020-21	12 Weeks	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Computer-Programming-in-Java_2020-21.pdf
131	Programming, Data Structure and Algorithms using Python	CS	NPTEL	2020-21	8 Weeks	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Computer-Programming-Data-Structure-and-algorithms-using-Python_2020-21.pdf
132	Internship	IT	-	2021-2022	40 Hours	11	11	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/IT-2020_21_Internship.pdf
133	Zensar-Training	IT	-	2020-2021	60 Hrs	142	34	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/IT-ZENSAR-2020-21.pdf



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134	CNC Hands on training	Mech	Offline	2020-21	12 weeks	47	47	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Mechanical-CNCHandsontraining_2020-21.pdf
135	Campus Readiness Training (FACE/Talentio)	MCA	Offline	2020-21	120	69	69	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/MCA_CampusReadinessTraining_2020_2021.pdf
136	Product Development Intern (Mobile Diary Pvt. Ltd. Mumbai)	ENTC	Offline	2020-21	4 months	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/ENTC_Product_Development_2020-21.pdf
137	C Programming (impetus)	ENTC	Offline	2020-21	2.5 months	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/ENTC_C_Programming_2020-21.pdf
138	Learn Python Programming Masterclass (Udemy)	ENTC	Online	2020-21	54 Hours	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/ENTC_Learn_Python_Programming_2020-21.pdf
139	Basic to Advanced programming in python	ENTC	Online	2020-21	2 months	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/ENTC_Basic_to_Advanced_Python_2020-21.pdf
140	C Programming Language (INTELISEAT)	ENTC	Online	2020-21	2 months	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/ENTC_C-Programming_Language_2020-21.pdf
141	NPTEL	CIVIL	ONLINE	2019-20	4 Weeks	16	16	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Civil-NPTEL_2019-20.pdf
142	Interpersonal Skill	CS	NPTEL	2019-20	8 Weeks	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Computer-InterpersonalSkill_2019-20.pdf

143	Introduction to Internet of Things	CS	NPTEL	2019-20	12 Weeks	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Computer-Introduction-to-Internet-of-Things_2019-20.pdf
144	Machine Learning	CS	NPTEL	2019-20	8 Weeks	2	2	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Computer-IntroductionToMachineLearning_2019-20.pdf
145	Programming in Java	CS	NPTEL	2019-20	5 Weeks	5	5	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Computer-Programming-In-Java_2019-20.pdf
146	Programming, Data Structure and Algorithms using Python	CS	NPTEL	2019-20	8 Weeks	1	1	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Computer-Programming-Data-Structures-and-Algorithms-Using-Python_2019-20.pdf
147	Zensar-Training	IT	-	2019-20		68	36	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/IT-2019-20-Zensar.pdf
148	CNC Hands on training	Mech	Offline	2019-20	36 weeks	24	24	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/Mechanical-CNCHandsontraining_2019-20.pdf
149	Campus Readiness Training (FACE/Talentio)	MCA	Offline	2019-20	120	36	30	https://www.jspmrscoe.edu.in/NAA_C_CY_II_SSR_Docs/Criteria-1/1.3.2/MCA_CampusReadinessTraining_2019_2020.pdf



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