



# POORNIMA

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## COLLEGE OF ENGINEERING

**Approved by AICTE**

**Affiliated to Rajasthan Technical University, Kota**

**Recognized by UGC under Section 2(f) of the UGC Act, 1956**

### *MOOCs Faculty Consolidated list*

**ISI-6, RIICO Institutional Area, Sitapura, Jaipur-302022 (Rajasthan)**

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- Website: [www.pce.poornima.org](http://www.pce.poornima.org)


## List of MOOC Courses Done by Faculty

S. N.	Academic Session	Name of the Faculty Member	Duration of the Course	Name of the Course	Offering Agency	Result
1.	2021-22	Mr. Shirish Nagar	4 week	Python for Data science	NPTEL	Elite
2.	2021-22	Dr. Nikita Jain	4 week	Effective Engineering Teaching in Practice	NPTEL	Certified
3.	2021-22	Dr. Surendra Kumar Yadav	12 week	An Introduction to Programming through C++	NPTEL	Certified
4.	2021-22	Ms. Harshita Virwani	4 week	Python for Data Science	NPTEL	Certified
5.	2021-22	Mr. Manish Dubey	12 weeks	An Introduction to Programming through C++	NPTEL	Certified
6.	2021-22	Mr. Manish Dubey	4 week	Python for Data Science	NPTEL	Certified
7.	2021-22	Mr. Manish Choubisa	12 week	An Introduction to Programming through C++	NPTEL	Certified
8.	2021-22	Mr. Manish Choubisa	4 week	Python for Data Science	NPTEL	Certified
9.	2021-22	Ms. Reena Sharma	4 week	Python for Data Science	NPTEL	Certified
10.	2021-22	Ms. Sonam Gour	8 week	CMOS Digital VLSI Design	NPTEL	Certified
11.	2021-22	Mr. Prateek Sharma	12 Week	Repair & Maintenance of Concrete Structures"	NPTEL	Certified
12.	2021-22	Mr. Balwan	12 Weeks	Basic Construction Materials	NPTEL	Certified


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13.	2021-22	Surender Hans	12 week	Control Engineering	NPTEL	Certified
14.	2021-22	Dr. Surendra Kumar Saini	4 week	Machining Science	FDP- NPTEL	Certified
15.	2021-22	Dr. Shuchi Dave	8 week	Operation Research	NPTEL	Certified
16.	2021-22	Mr. Sanjay Kumawat	8 week	Manufacturing Guidelines for Product Design	FDP- NPTEL	Elite + Silver
17.	2021-22	Dr. Pravin Sonwane	4 week	Teaching and Learning In Engineering	NPTEL	Certified
18.	2021-22	Dr. Shuchi Dave	2 week	Pedagogy & Modern Technology Tools	Professional Training	Certified
19.	2021-22	Dr. Shuchi Dave	1 week	Advancement in Renewable Energy Technologies	AICTE-ISTE	Certified
20.	2021-22	Ms. Sonam Gour	4 week	Introduction to Biomedical Engineering	COURSERA	Certified
21.	2021-22	Ms. Sonam Gour	4 Hours	CST Antenna Design Zero to Hero	UDEMY	Certified
22.	2021-22	Durgesh Kumar	12 weeks	Optical Fiber Sensors	NPTEL	Certified
23.	2021-22	Durgesh Kumar	1 week	Emerging Trends in OFC Technology	AICTE	Certified
24.	2021-22	Dr. Pooja Gupta	8 Weeks	Expansive Soil	NPTEL	Certified
25.	2021-22	Dr. Anila Dhingra	12 weeks	Signal Processing Techniques And its Applications	NPTEL	Certified


  
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26.	2020-21	Mr. Sanjay Kumawat	8 week	Design, Technology and Innovation	NPTEL	Elite
27.	2020-21	Mr. Sanjay Kumawat	12 week	Work System Design	NPTEL	Elite
28.	2020-21	Mr. Shailendra Kasera	8 week	Developing Soft Skills and Personality	NPTEL	Elite + Silver
29.	2020-21	Ms. Asha Kumawat	12 week	Work System Design	NPTEL	Elite + Silver
30.	2020-21	Dr. Shuchi Dave	1 week	Teaching learning using MATLAB	AICTE	Certified
31.	2020-21	Dr. Neelam Chaplot	12 week	Applied Data Science with Python	COURSERA	Certified
32.	2020-21	Dr. Neelam Chaplot	12 week	Applied Text Mining in Python	COURSERA	Certified
33.	2020-21	Dr. Neelam Chaplot	12 week	Neural Networks and Deep Learning	COURSERA	Certified
34.	2020-21	Dr. Neelam Chaplot	8 week	Applied Social Network Analysis in Python	COURSERA	Certified
35.	2020-21	Dr. Neelam Chaplot	12 week	Applied Plotting, Charting & Data Representation in Python	COURSERA	Certified
36.	2020-21	Dr. Harshwardhan Singh Chouhan	1 Day	Mastering bitumen for better roads and innovative applications	COURSERA	Certified
37.	2020-21	Dr. Harshwardhan Singh Chouhan	1 Day	Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading	COURSERA	Certified
38.	2020-21	Mr. Vishal Choudhary	10 hours	DP-900 Microsoft Azure Data Fundamentals Certification 2021	UDEMY	Certified


  
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39.	2020-21	Mr. Vishal Choudhary	9.5 hours	AZ-900 Microsoft Azure Data Fundamentals Certification 2022	UDEMY	Certified
40.	2020-21	Ms. Archika Jain	2 hours	Version Control with Git	COURSERA	Certified
41.	2020-21	Ms. Archika Jain	4.5 hours	Learn Machine Learning in 21 Days	UDEMY	Certified
42.	2020-21	Ms. Archika Jain	10.5 hours	Python Learn By Python Projects & Python Quizzes in 2021	UDEMY	Certified
43.	2020-21	Mr. Praveen Yadav	2 hours	Version Control with Git	COURSERA	Certified
44.	2020-21	Mr. Praveen Yadav	8 week	Getting Started with AWS Machine Learning	COURSERA	Certified
45.	2020-21	Mr. Praveen Yadav	4 week	Programming for Everybody (Getting Started with Python)	COURSERA	Certified
46.	2020-21	Dr Garima Mathur	8 week	Introduction to Artificial Intelligence (AI)	COURSERA	Certified
47.	2020-21	Dr Garima Mathur	8 week	Getting Started with AI using IBM Watson	COURSERA	Certified
48.	2020-21	Dr Garima Mathur	8 week	Write Professional Emails in English	COURSERA	Certified
49.	2020-21	Dr Garima Mathur	8 week	Electric Power Systems	COURSERA	Certified
50.	2020-21	Dr Garima Mathur	8 week	Introduction to Web Development	COURSERA	Certified
51.	2020-21	Dr Garima Mathur	8 week	Grammar and Punctuation	COURSERA	Certified

  
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52.	2020-21	Dr Garima Mathur	8 week	Big Data, Artificial Intelligence, and Ethics	COURSERA	Certified
53.	2020-21	Dr Garima Mathur	8 week	Getting Started with Essay Writing	COURSERA	Certified
54.	2020-21	Dr Garima Mathur	8 week	Wind Energy	COURSERA	Certified
55.	2020-21	Dr payal Bansal	8 week	Developing AI Applications on Azure	COURSERA	Certified
56.	2020-21	Dr payal Bansal	8 week	Getting Started with AWS Machine Learning	COURSERA	Certified
57.	2020-21	Dr. Shuchi Dave	4 week	Matrix Algebra For Engineers	COURSERA	Certified
58.	2020-21	Dr. Shuchi Dave	1 week	Covid -19 Contact tracing	COURSERA	Certified
59.	2020-21	Dr. Shuchi Dave	4 week	Feminism & Social Justice	COURSERA	Certified
60.	2020-21	Dr. Gaurav Jain	5week	Wind Energy	COURSERA	Certified
61.	2020-21	Mr. Lokesh Kumar Prajapat	1 Day	Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading	COURSERA	Certified
62.	2020-21	Mr. Lokesh Kumar Prajapat	1 Day	Mechanics of Materials II: Thin-Walled Pressure Vessels and Torsion	COURSERA	Certified
63.	2020-21	Mr. Lokesh Kumar Prajapat	1 Day	Mechanics of Materials III: Beam Bending	COURSERA	Certified
64.	2020-21	Dr. Gaurav Jain	6 week	Electric Vehical and Mobility	COURSERA	Certified

  
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65.	2020-21	Dr. Gaurav Jain	4 week	Solar Energy	COURSERA	Certified
66.	2020-21	Dr. Pravin Sonwane	4 weeks	Creative Thinking: Techniques and Tools for Success	COURSERA	Certified
67.	2020-21	Dr. Pravin Sonwane	2 week	Introduction to Android graphics	COURSERA	Certified
68.	2020-21	Dr. Pravin Sonwane	4 week	Electric Vehical and Mobility	COURSERA	Certified
69.	2020-21	Dr. Pravin Sonwane	4 week	Energy Production, Distribution & Safety	COURSERA	Certified
70.	2020-21	Dr. Deepika Chouhan	4 week	Solar Energy and Electrical System Design	COURSERA	Certified
71.	2019-20	Mr. Devendra Kumar Doda	4 week	Solar Energy Basics	COURSERA	Certified
72.	2019-20	Mr. Amarjeet Bharti	8 weeks	Data Science Math Skills	COURSERA	Certified
73.	2019-20	Mr. Amarjeet Bharti	4 week	The Data Scientist's Toolbox	COURSERA	Certified
74.	2019-20	Mr. Amarjeet Bharti	4 week	Matrix Algebra for Engineers	COURSERA	Certified
75.	2019-20	Mr. Amarjeet Bharti	4 week	Introduction to Ordinary Differential Equations	COURSERA	Certified
76.	2019-20	Mr. Amarjeet Bharti	4 week	How Things Work: An Introduction to Physics	COURSERA	Certified
77.	2019-20	Mr. Amarjeet Bharti	5 weeks	Introduction to Calculus	COURSERA	Certified

  
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78.	2019-20	Ms. Meena Tekriwal	4 week	Introduction to Public Speaking	COURSERA	Certified
79.	2019-20	Ms. Meena Tekriwal	8 weeks	Municipal Solid Waste Management in Developing Countries	COURSERA	Certified
80.	2019-20	Ms. Meena Tekriwal	4 week	Positive Psychiatry and Mental Health	COURSERA	Certified
81.	2019-20	Ms. Meena Tekriwal	4 week	Introduction to the Biology of Cancer	COURSERA	Certified
82.	2019-20	Dr. Rekha Nair	4 week	Material Behavior	COURSERA	Certified
83.	2019-20	Dr. Rekha Nair	4 week	Solar Energy Basics	COURSERA	Certified
84.	2019-20	Dr. Rekha Nair	4 week	Material Processing	COURSERA	Certified
85.	2019-20	Ms. Riddhi Shrivastava	4 week	Project Management: The Basics for Success	COURSERA	Certified
86.	2019-20	Ms. Riddhi Shrivastava	4 week	Introduction to Environmental Law and Policy	COURSERA	Certified
87.	2019-20	Ms. Riddhi Shrivastava	8 week	Grammar and Punctuation	COURSERA	Certified
88.	2019-20	Ms. Riddhi Shrivastava	1 week	Introduction to Sustainability	COURSERA	Certified
89.	2019-20	Ms. Riddhi Shrivastava	4 week	Renewable Energy and Green Building Entrepreneurship	COURSERA	Certified
90.	2019-20	Mr. Amol Saxena	4 week	Software Testing	NPTEL	Certified

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91.	2019-20	Mr. Kalpit Jain	4 week	Product Design Using Value Engineering	FDP- NPTEL	Certified
92.	2019-20	Mr. Sanjay Kumawat	8 weeks	Design Practice	FDP- NPTEL	Elite
93.	2019-20	Mr. Shailendra kasera	8 week	Refrigeration and Air-conditioning	FDP- NPTEL	Elite
94.	2019-20	Ms. Ashabai kumawat	8 week	Design Practice	FDP- NPTEL	Elite
95.	2019-20	Dr. Shuchi Dave	3 Day	Student induction	AICTE	Certified
96.	2019-20	Dr. Shuchi Dave	3 Day	Advanced training for trainers workshop on preparing resource persons for FDP on Student Induction	AICTE	Certified
97.	2019-20	Mr. Divya Vishnoi	1 Day	Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading	COURSERA	Certified
98.	2019-20	Mr. Divya Vishnoi	1 Day	Mechanics of Materials IV: Deflections, Buckling, Combined Loading & Failure Theories	COURSERA	Certified
99.	2019-20	Mr. Divya Vishnoi	1 Day	Natural Attenuation of Groundwater Contaminants: New Paradigms, Technologies, and Applications	COURSERA	Certified
100.	2019-20	Mr. Divya Vishnoi	1 Day	Mechanics of Materials III: Beam Bending	COURSERA	Certified
101.	2019-20	Mr. Divya Vishnoi	1 Day	Mechanics of Materials II: Thin-Walled Pressure Vessels and Torsion	COURSERA	Certified
102.	2019-20	Mr. Divya Vishnoi	1 Day	Work Smarter, Not Harder: Time Management for Personal & Professional Productivity	COURSERA	Certified

  
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103.	2019-20	Mr. Divya Vishnoi	1 Day	AI For Everyone	COURSERA	Certified
104.	2019-20	Mr. Balwan	1 Day	Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading	COURSERA	Certified
105.	2019-20	Mr. Balwan	1 Day	Introduction to Engineering Mechanics	COURSERA	Certified
106.	2019-20	Mr. Balwan	1 Day	How to Write and Publish a Scientific Paper (Project-Centered Course)	COURSERA	Certified
107.	2019-20	Mr. Balwan	1 Day	Mechanics of Materials III: Beam Bending	COURSERA	Certified
108.	2019-20	Mr. Balwan	1 Day	Mechanics of Materials IV: Deflections, Buckling, Combined Loading & Failure Theories	COURSERA	Certified
109.	2019-20	Dr. Shuchi Dave	5 weeks	Introduction to calculus	COURSERA	Certified
110.	2019-20	Dr. Shuchi Dave	8 week	Advanced Research Methodology	STTP	Certified
111.	2019-20	Dr. Shuchi Dave	1 week	Statistical Analysis for Research	STTP	Certified
112.	2019-20	Dr. Shuchi Dave	5 week	Introduction to calculus	COURSERA	Certified
113.	2019-20	Durgesh Kumar	8 week	Introduction to programming with MatLab	COURSERA	Certified
114.	2019-20	Durgesh Kumar	8 week	Technical Support Fundamentals	COURSERA	Certified
115.	2019-20	Dr. Anila Dhingra	1 Day	A Hands-On Workshop on The BodhiTree and SAFE Tools for Effective Online Teaching	IIT Bombay	Certified

  
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116.	2019-20	Dr. Anila Dhingra	1 Day	A Hands On Workshop on Effective and Efficient Online Teaching in the Age of Corona	IIT Bombay	Certified
117.	2019-20	Pankaj Gakhar	7 week	Linear Circuits: DC Analysis	COURSERA	Certified
118.	2019-20	Manish Sharma	4 week	Solar Energy Basics	COURSERA	Certified
119.	2019-20	Dr. Gaurav Jain	4 week	Electric Power System	COURSERA	Certified
120.	2019-20	Dr. Gaurav Jain	4 week	Natural gas	COURSERA	Certified
121.	2019-20	Dr. Gaurav Jain	4 week	Safety in the utility industry	COURSERA	Certified
122.	2019-20	Dr. Gaurav Jain	5 Week	Neural Network and Deep learning	COURSERA	Certified
123.	2019-20	Dr. Gaurav Jain	4 week	Energy :The Enterprises	COURSERA	Certified
124.	2019-20	Mayank Sharma	5 Week	Electrodynamics: An Introduction	COURSERA	Certified
125.	2019-20	Mayank Sharma	6 Week	Fundamentals of Audio and Music Engineering: Part 1 Musical Sound & Electronics	COURSERA	Certified
126.	2019-20	Dr. Amit Srivastava	4 week	Solar Energy Basics	COURSERA	Certified
127.	2019-20	Dr. Pravin Sonwane	5 week	Wind Energy	COURSERA	Certified
128.	2019-20	Dr. Pravin Sonwane	1 week	Simple Recurrent Neural Network with Keras	COURSERA	Certified

  
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129.	2019-20	Dr. Pravin Sonwane	1 week	Predicting Salaries with Simple Linear Regression in R	COURSERA	Certified
130.	2019-20	Dr. Pravin Sonwane	1 week	Neural Network from Scratch in TensorFlow	COURSERA	Certified
131.	2019-20	Dr. Pravin Sonwane	1 week	Machine Learning Pipelines with Azure ML Studio	COURSERA	Certified
132.	2019-20	Dr. Pravin Sonwane	1 week	Building a Calculator using C# in Visual Studio	COURSERA	Certified
133.	2019-20	Mr. Dinesh Chand Gupta	4 week	Introduction to the Internet of Things and Embedded Systems	COURSERA	Certified
134.	2019-20	Mr. Dinesh Chand Gupta	5 Day	IOT (Internet of Things) Wireless & Cloud Computing Emerging Technologies	COURSERA	Certified
135.	2019-20	Mr. Dinesh Chand Gupta	5 Day	Introduction to Architecting Smart IoT Devices	COURSERA	Certified
136.	2019-20	Mr. Manish Dubey	4 week	Software Processes and Agile Practices	COURSERA	Certified
137.	2019-20	Mr. Manish Dubey	8 week	Cloud Computing Basics (Cloud 101)	COURSERA	Certified
138.	2019-20	Mr. Manish Dubey	8 weeks	Introduction to Big Data	COURSERA	Certified
139.	2019-20	Mr. Manish Dubey	4 week	Introduction to Cloud Identity	COURSERA	Certified
140.	2019-20	Mr. Manish Dubey	5 Day	Python Basics	COURSERA	Certified
141.	2019-20	Mr. Manish Dubey	4 week	Introduction to Cybersecurity Tools & Cyber Attacks	COURSERA	Certified

  
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142.	2019-20	Mr. Mukesh Katariya	5 DAYS	Introduction to Data Science in Python	COURSERA	Certified
143.	2019-20	Mr. Mukesh Katariya	8 week	Introduction to Big Data	COURSERA	Certified
144.	2019-20	Dr. Neelam Chaplot	1 Day	AI For Everyone	COURSERA	Certified
145.	2019-20	Dr. Neelam Chaplot	4 week	Applied Machine Learning in Python	COURSERA	Certified
146.	2019-20	Dr. Neelam Chaplot	5 Day	Introduction to Data Science in Python	COURSERA	Certified
147.	2019-20	Ms. Neha Shrotriya	1 week	Machine Learning: Classification	COURSERA	Certified
148.	2019-20	Ms. Neha Shrotriya	1 Day	AI For Everyone	COURSERA	Certified
149.	2019-20	Ms. Neha Shrotriya	4 week	Programming for Everybody (Getting Started with Python)	COURSERA	Certified
150.	2019-20	Ms. Nikita Jain	1 Day	AI For Everyone	COURSERA	Certified
151.	2019-20	Dr. Praveen Gupta	8 week	Cloud Computing Basics (Cloud 101)	COURSERA	Certified
152.	2019-20	Dr. Praveen Gupta	4 week	Software Processes and Agile Practices	COURSERA	Certified
153.	2019-20	Mr. Praveen Kumar Yadav	5 Day	Introduction to Data Science in Python	COURSERA	Certified
154.	2019-20	Mr. Praveen Kumar Yadav	4 week	Microsoft Power BI - A Complete Introduction [2020 Edition]	UDEMY	Certified

  
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155.	2019-20	Mr. Rajkumar Jain	4 week	Capstone: Retrieving, Processing, and Visualizing Data with Python	COURSERA	Certified
156.	2019-20	Mr. Rajkumar Jain	4 week	Python Data Structures	COURSERA	Certified
157.	2019-20	Ms. Reena Sharma	4 week	Programming for Everybody (Getting Started with Python)	COURSERA	Certified
158.	2019-20	Ms. Reena Sharma	4 week	Introduction to Machine Learning	COURSERA	Certified
159.	2019-20	Ms. Reena Sharma	1 Day	AI For Everyone	COURSERA	Certified
160.	2019-20	Ms. Reena Sharma	4 week	Fundamentals of Network Communication	COURSERA	Certified
161.	2019-20	Mr. Sakar Gupta	1 week	Block-chain Basics	COURSERA	Certified
162.	2019-20	Mr. Sakar Gupta	1 week	Cybersecurity and the Internet of Things	COURSERA	Certified
163.	2019-20	Mr. Sakar Gupta	4 week	Cyber security and Mobility	COURSERA	Certified
164.	2019-20	Mr. Sakar Gupta	4 week	Cyber security and Its Ten Domains	COURSERA	Certified
165.	2019-20	Mr. Sakar Gupta	4 week	Peer-to-Peer Protocols and Local Area Networks	COURSERA	Certified
166.	2019-20	Mr. Sakar Gupta	4 week	Fundamentals of Network Communication	COURSERA	Certified
167.	2019-20	Mr. Sakar Gupta	4 week	Wireless Communications for Everybody	COURSERA	Certified

  
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168.	2019-20	Dr. Sanjay Bhargava	4 week	Transacting on the Blockchain	COURSERA	Certified
169.	2019-20	Dr. Sanjay Bhargava	8 week	Big Data Modeling and Management Systems	COURSERA	Certified
170.	2019-20	Dr. Sanjay Bhargava	4 week	Cyber Threats and Attack Vectors	COURSERA	Certified
171.	2019-20	Dr. Sanjay Bhargava	4 week	Introduction to Data Analytics for Business	COURSERA	Certified
172.	2019-20	Dr. Sanjay Bhargava	8 weeks	Introduction to Big Data	COURSERA	Certified
173.	2019-20	Dr. Sanjay Bhargava	4 week	Business Analytics for Decision Making	COURSERA	Certified
174.	2019-20	Mr. Vishal Choudhary	4 week	Google Cloud Platform Fundamentals: Core Infrastructure	COURSERA	Certified
175.	2019-20	Mr. Vishal Choudhary	4 week	Programming Foundations with JavaScript, HTML and CSS	COURSERA	Certified
176.	2019-20	Mr. Vishal Choudhary	4 week	Industrial IoT on Google Cloud Platform	COURSERA	Certified
177.	2019-20	Ms. Archika Jain	8 week	Getting Started with AWS Machine Learning	COURSERA	Certified
178.	2019-20	Mr. Amol Saxena	5 Day	Introduction to Data Science in Python	COURSERA	Certified
179.	2019-20	Ms. Shazia Haque	4 week	Machine Learning	COURSERA	Certified
180.	2019-20	Ms. Shazia Haque	5 Day	Python Basics	COURSERA	Certified


  
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181.	2019-20	Ms. Shazia Haque	5 Day	Data Collection and Processing with Python	COURSERA	Certified
182.	2019-20	Ms. Shazia Haque	5 Day	Python Functions, Files and Dictionaries	COURSERA	Certified
183.	2019-20	Ms. Shazia Haque	5 Day	Python Classes and Inheritance	COURSERA	Certified
184.	2019-20	Ms. Seeta Gupta	5 Day	Python Basics	COURSERA	Certified
185.	2019-20	Ms. Seeta Gupta	5 Day	Python Functions, Files, and Dictionaries	COURSERA	Certified
186.	2019-20	Ms. Seeta Gupta	5 Day	Python Classes and Inheritance	COURSERA	Certified
187.	2019-20	Ms. Seeta Gupta	5 Day	Python Project: pillow, tesseract, and opencv	COURSERA	Certified
188.	2019-20	Ms. Seeta Gupta	5 Day	Data Collection and Processing with Python	COURSERA	Certified
189.	2019-20	Mr. Saurabh Anand	5 Day	Introduction to Internet of Things and Embedded Systems	COURSERA	Certified
190.	2019-20	Mr. Saurabh Anand	5 Day	Introduction to Architecting Smart IoT Devices	COURSERA	Elt Digital
191.	2019-20	Mr. Saurabh Anand	5 Day	IoT (Internet of Things) Wireless & Cloud Computing Emerging Technologies	COURSERA	Certified
192.	2019-20	Mr. Dinesh Chand Gupta	3 Day	Introduction to Internet of Things and Embedded Systems	COURSERA	Certified
193.	2019-20	Mr. Shirish Nagar	12 HOURS	Python 3 Network Programming - Build 5 Network Applications	UDEMY	Certified

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194.	2019-20	Mr. Shirish Nagar	5 Day	Software Defined Networking	COURSERA	Certified
195.	2019-20	Mr. Mukesh Chand	5 Day	Internet of Things: Communication Technologies	COURSERA	Certified
196.	2019-20	Mr. Mukesh Chand	5 Day	Introduction to the Internet of things Embedded Systems	COURSERA	Certified
197.	2019-20	Mr. Mukesh Chand	5 Day	The Arduino Platform and C programming	COURSERA	Certified
198.	2019-20	Mr. Mukesh Chand	5 Day	Control of mobile robots	COURSERA	Certified
199.	2019-20	Mr. Mukesh Chand	5 Day	Industrial IoT Markets and Security	COURSERA	Certified
200.	2018-19	Meena Tekriwal	4 week	Solid and Hazardous Waste Management	SWAYAM	Certified
201.	2018-19	Dr. Rekha Nair	4 week	Solid and Hazardous Waste Management	SWAYAM	Certified
202.	2018-19	Dr. Shuchi Dave	4 weeks	Teaching and Learning In Engineering	FDP-NPTEL	Certified
203.	2018-19	Mr. Sanjay Kumawat	4 week	Product Design and Innovation	FDP- NPTEL	Elite
204.	2018-19	Mr. Shailendra Kasera	12 week	Introduction to Fluid Mechanics	FDP- NPTEL	Certified
205.	2018-19	Ms. Asha Kumawat	4 week	Product Design and Innovation	FDP- NPTEL	Elite
206.	2018-19	Ms. Shazia Haque	12 week	Joy of Computing using Python	NPTEL	Certified
207.	2018-19	Ms. Shazia Haque	12 week	Introduction to Internet of Things	NPTEL	Certified

  
**Dr. Mahesh Bunde**  
 B.E., M.E., Ph.D.  
 Director  
 Poonima College of Engineering  
 ISI-0, RILCO Institutional Area  
 Sitapura, JAIPUR



# POORNIMA

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## COLLEGE OF ENGINEERING

**Approved by AICTE**  
**Affiliated to Rajasthan Technical University, Kota**  
**Recognized by UGC under Section 2(f) of the UGC Act, 1956**

## *MOOC CERTIFICATES*

**ISI-6, RIICO Institutional Area, Sitapura, Jaipur-302022 (Rajasthan)**  
• Phone: +91-9829255102, +91-9414728922 • E-mail: principal.pce@poornima.org  
• Website: www.pce.poornima.org



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SHIRISH NAGAR**

for successfully completing the course

**Python for Data Science**



with a consolidated score of **84** %

Online Assignments	20.42/25	Programming Exam	25/25	Proctored Exam	38.67/50
--------------------	----------	------------------	-------	----------------	----------

Total number of candidates certified in this course: **3390**

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

**Jan-Feb 2022**  
**(4 week course)**

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CS32S43620966

To validate and check scores: <https://nptel.ac.in/noc>

*Dr. Mahesh Bunde*  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**NIKITA JAIN**

for successfully completing the course

## Effective Engineering Teaching In Practice

with a consolidated score of **60** %

Online Assignments	15.75/25	Proctored Exam	44.52/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **366**

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

Jan-Feb 2022  
(4 week course)

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22GE05S33620598

To validate and check scores: <https://nptel.ac.in/noc>

*Dr. Mahesh Bunde*  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**DR SURENDRA KUMAR YADAV**

for successfully completing the course



**An Introduction to Programming through C++**

with a consolidated score of **75** %

Online Assignments	22.75/25	Programming Assignment	24.57/25	Proctored Exam	27.5/50
--------------------	----------	------------------------	----------	----------------	---------

Total number of candidates certified in this course: **2183**

Jan-Apr 2022  
(12 week course)

**Prof. Sridhar Iyer**  
Head CDEEP & NPTEL Coordinator  
IIT Bombay



Indian Institute of Technology Bombay



Roll No: NPTEL22CS42S43571204

To validate and check scores: <https://nptel.ac.in/noc>

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Sitapura, JAIPUR



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**HARSHITA VIRWANI**

for successfully completing the course

**Python for Data Science**

with a consolidated score of **72** %

Online Assignments	19.17/25	Programming Exam	25/25	Proctored Exam	27.67/50
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Total number of candidates certified in this course: **3390**

*Devendra Jaliwal*

**Prof. Devendra Jaliwal**  
Chairman  
Centre for Continuing Education, IITM

**Jan-Feb 2022**  
(4 week course)

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CS32S33620348

To validate and check scores: <https://nptel.ac.in/noc>

*Dr. Mahesh Bunde*  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MANISH DUBEY**

for successfully completing the course

## An Introduction to Programming through C++

with a consolidated score of **66** %

Online Assignments	21.36/25	Proctored Exam	44.57/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **2183**

Jan-Apr 2022  
(12 week course)

**Prof. Sridhar Iyer**  
Head CDEEP & NPTEL Coordinator  
IIT Bombay



Indian Institute of Technology Bombay



Roll No: NPTEL22CS42S43570831

To validate and check scores: <https://nptel.ac.in/noc>

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MANISH DUBEY**

for successfully completing the course

**Python for Data Science**

with a consolidated score of **64** %

Online Assignments	21.92/25	Programming Assignment	21.75/25	Proctored Exam	20.33/50
--------------------	----------	------------------------	----------	----------------	----------

Total number of candidates certified in this course: **3991**

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairperson,  
Centre for Outreach and Digital Education, IITM

**Jul-Aug 2022**

**(4 week course)**

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CS74S13160472

To validate the certificate



No. of credits recommended: 1 or 2

*Dr. Mahesh Bunde*  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**MANISH CHOUBISA**  
for successfully completing the course

## An Introduction to Programming through C++

with a consolidated score of **84** %

Online Assignments	23.04/25	Proctored Exam	61/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **2183**

Jan-Apr 2022  
(12 week course)

**Prof. Sridhar Iyer**  
Head CDEEP & NPTEL Coordinator  
IIT Bombay



Indian Institute of Technology Bombay



Roll No: NPTEL22CS42S43570829

To validate and check scores: <https://nptel.ac.in/noc>

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MANISH CHOUBISA**

for successfully completing the course

**Python for Data Science**

with a consolidated score of **76** %



Online Assignments	22.83/25	Programming Assignment	21.75/25	Proctored Exam	31.34/50
--------------------	----------	------------------------	----------	----------------	----------

Total number of candidates certified in this course: **3991**

*Devendra Jaliyal*

**Prof. Devendra Jaliyal**

Chairperson,  
Centre for Outreach and Digital Education, IITM

**Jul-Aug 2022**

**(4 week course)**

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**

NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CS74S23160309

To validate the certificate



No. of credits recommended: 1 or 2

*Dr. Mahesh Bunde*  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**REENA SHARMA**

for successfully completing the course

**Python for Data Science**



with a consolidated score of **75** %

Online Assignments	19.17/25	Programming Exam	25/25	Proctored Exam	31.17/50
--------------------	----------	------------------	-------	----------------	----------

Total number of candidates certified in this course: **3390**

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

**Jan-Feb 2022**  
**(4 week course)**

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CS32S43620876

To validate and check scores: <https://npTEL.ac.in/noc>

*Dr. Mahesh Bunde*  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SONAM GOUR**

for successfully completing the course

**CMOS Digital VLSI Design**

with a consolidated score of **71** %

Online Assignments	19.96/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **244**

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Jan-Mar 2022**  
**(8 week course)**

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22EE08S33620561

To validate and check scores: <https://nptel.ac.in/noc>

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR





# NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**PRATEEK SHARMA**



for successfully completing the course

**Maintenance and Repair of Concrete Structures**

with a consolidated score of **50 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Jan-Apr 2022)

Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL22CE12S23571388

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**BALWAN**

for successfully completing the course

## Basic Construction Materials

with a consolidated score of **67** %

Online Assignments	22.56/25	Proctored Exam	44.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **975**

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2022  
(12 week course)

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CE40S43570692

To validate and check scores: <https://nptel.ac.in/noc>

*Dr. Mahesh Bunde*  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SURENDER HANS**  
for successfully completing the course

## Control Engineering

with a consolidated score of **77** %

Online Assignments	23.38/25	Proctored Exam	53.87/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **112**

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

**Jul-Oct 2021**  
(12 week course)

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**  
NPTEL, Coordinator  
IT Madras



Indian Institute of Technology Madras



Roll No: NPTEL21EE67S33221629

To validate and check scores: <https://nptel.ac.in/noc>

*Dr. Mahesh Bunde*  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**DR SURENDRA KUMAR SAINI**  
for successfully completing the course

**Machining Science**

with a consolidated score of **66** %

Online Assignments	25/25	Proctored Exam	40.5/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: **38**

**Prof. B. V. Ratish Kumar**  
Chairman, Centre for Continuing Education  
IIT Kanpur

**Jan-Feb 2022**  
**(4 week course)**

**Prof. Satyaki Roy**  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL22ME64S43620987

To validate and check scores: <https://nptel.ac.in/noc>

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DR SHUCHI DAVE**

for successfully completing the course

## Operations Research

with a consolidated score of **44** %

Online Assignments	13.71/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **58**

**Prof. V. C. Srivastava**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Jul-Sep 2021**  
(8 week course)

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL21MA62S23621155

To validate and check scores: <https://nptel.ac.in/noc>

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SANJAY KUMAWAT**

for successfully completing the course



## Manufacturing Guidelines for Product Design

with a consolidated score of **78** %

Online Assignments	22.5/25	Proctored Exam	55.5/75
--------------------	---------	----------------	---------

Total number of candidates certified in this course: **371**

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Feb-Apr 2022**  
(8 week course)

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22ME56S43571086

To validate and check scores: <https://nptel.ac.in/noc>

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Ghatapada, JAIPUR



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**PRAVIN SONWANE**  
for successfully completing the course

## Teaching And Learning in Engineering (TALE)

with a consolidated score of **56** %

Online Assignments	21.25/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **142**

**Prof. G. L. Sivakumar Babu**  
Chairman, Center for Continuing Education  
IISc Bangalore

**Jan-Feb 2022**  
(4 week course)

**Prof. L. Umanand**  
NPTEL Coordinator  
IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL22GE07S33620612

To validate and check scores: <https://nptel.ac.in/noc>

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR



## Certificate of Participation

**Dr. Shuchi Dave**

**Poornima College of Engineering, Jaipur**

has actively participated in 15 days Professional Training on “Pedagogy and Modern Technology Tools” during September 6th-20th, 2021 organized by IEEE Delhi Section Antennas & Propagation Society Chapter – Jaipur in association with IEEE Rajasthan Subsection, Government Women Engineering College, Ajmer and IEEE Student Branch, GWEC Ajmer.

**Dr. J. K. Deegwal**  
Principal  
GWEC Ajmer

**Prof. Manish Tiwari**  
Chair, IEEE  
Rajasthan Subsection

**Prof. M. M. Sharma**  
Chair, IEEE  
APS Chapter-Jaipur

**Dr. Mahesh Bundeale**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR





JODHPUR INSTITUTE OF ENGINEERING AND TECHNOLOGY

**AICTE - ISTE**

Sponsored

6 Days Online Induction Programme

On

**ADVANCES IN RENEWABLE  
ENERGY TECHNOLOGIES**

Opportunities and Challenges (Phase - III)



# CERTIFICATE

Ref. No. **FIP-EE-PH3-118**

This is to certify that Dr./Mr./Ms. **SHUCHI DAVE** of

**POORNIMA COLLEGE OF ENGINEERING** has Participated in the AICTE - ISTE approved 6-Days

Online Induction Programme on ADVANCES IN RENEWABLE ENERGY TECHNOLOGIES : Opportunities and Challenges (Phase - III)

held from 25-31 August, 2021 at "Jodhpur Institute of Engineering and Technology, Jodhpur".

Prof. (Dr.) Kusum Lata Agarwal  
Programme Chief Coordinator - IET, Jodhpur



Prof. (Dr.) Sandip Mehta  
Campus Director - IET, Jodhpur

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



# POLYTECH

Peter the Great  
St. Petersburg Polytechnic  
University

Oct 18, 2021

## Sonam Gour

has successfully completed

### Introduction to Biomedical Engineering

an online non-credit course authorized by Peter the Great St. Petersburg Polytechnic  
University and offered through Coursera

Dr Kirill Aristovich  
PhD in Electrical Engineering  
Assistant Professor at UCL  
Visiting Lecturer at Peter the Great St. Petersburg Polytechnic University

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/F3BA2WP7KTVK](https://coursera.org/verify/F3BA2WP7KTVK)

Coursera has confirmed the identity of this individual and their  
participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



Certificate no: UC-d32d7b9a-4d01-46e1-830e-1392a048276e  
Certificate url: ude.my/UC-d32d7b9a-4d01-46e1-830e-1392a048276e  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# CST Antenna Design with zero to hero

Instructors **Engr. Muhammad Munir Qamar**

**Sonam Gour**

Date **Dec. 31, 2021**

Length **4 total hours**

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sikapura, JAIPUR



TOPPER

Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**DURGESH KUMAR**  
for successfully completing the course

## Optical Fiber Sensors

with a consolidated score of **75** %

Online Assignments	20.22/25	Proctored Exam	55/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **14**

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

**Jan-Apr 2022**  
(12 week course)

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22EE67S43570662

To validate and check scores: <https://nptel.ac.in/noc>

*Dr. Mahesh Bunde*  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR

No: ATAL/2021/1626504868



**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

**AICTE Training and Learning (ATAL) Academy**

***Certificate***

This is certified that **durgesh kumar**, Assistant Professor of **poornima college of engineering** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary FDP** on "**Emerging Trends in OFC Technology**" from **02/08/2021** to **06/08/2021** at **National Institute of Technical Teachers Training and Research (NITTTR)**.

Advisor-I, ATAL Academy  
Dr. Mamta Rani Agarwal



Coordinator

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR





# NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DR POOJA GUPTA**

for successfully completing the course

**Expansive Soil**

with a consolidated score of **82 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Jan-Mar 2022)

Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL22CE21S33620608

To validate and check scores: <http://npTEL.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**DR ANILA DHINGRA**

for successfully completing the course



## Signal Processing Techniques and its Applications

with a consolidated score of **79** %

Online Assignments	20.85/25	Proctored Exam	58.5/75
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Total number of candidates certified in this course: **91**

**Prof. Jayanta Mukhopadhyay**  
Dean Outreach  
IIT Kharagpur

**Jan-Apr 2022**  
(12 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22EE62S43270049

To validate and check scores: <https://nptel.ac.in/noc>

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SANJAY KUMAWAT**  
for successfully completing the course

## Design, Technology and Innovation

with a consolidated score of **69** %

Online Assignments	21.25/25	Proctored Exam	47.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **109**

Feb-Apr 2021  
(8 week course)

**Prof. Sridhar Iyer**  
Head CDEEP & NPTEL Coordinator  
IIT Bombay



Indian Institute of Technology Bombay



Roll No: NPTEL21DE03S13680898

To validate and check scores: <https://nptel.ac.in/noc>

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR





# NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SANJAY KUMAWAT**

for successfully completing the course

**Work System Design**

with a consolidated score of **75 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Sep-Dec 2020)

Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL20ME70S81650207

To validate and check scores: <http://npTEL.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



# NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHAILENDRA KASERA**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **80 %**



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Sep-Nov 2020)

Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL20HS43S81650632

To validate and check scores: <http://nptel.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR



# NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**ASHABAI SANJAY KUMAWAT**  
for successfully completing the course  
**Work System Design**  
with a consolidated score of **79 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Sep-Dec 2020)

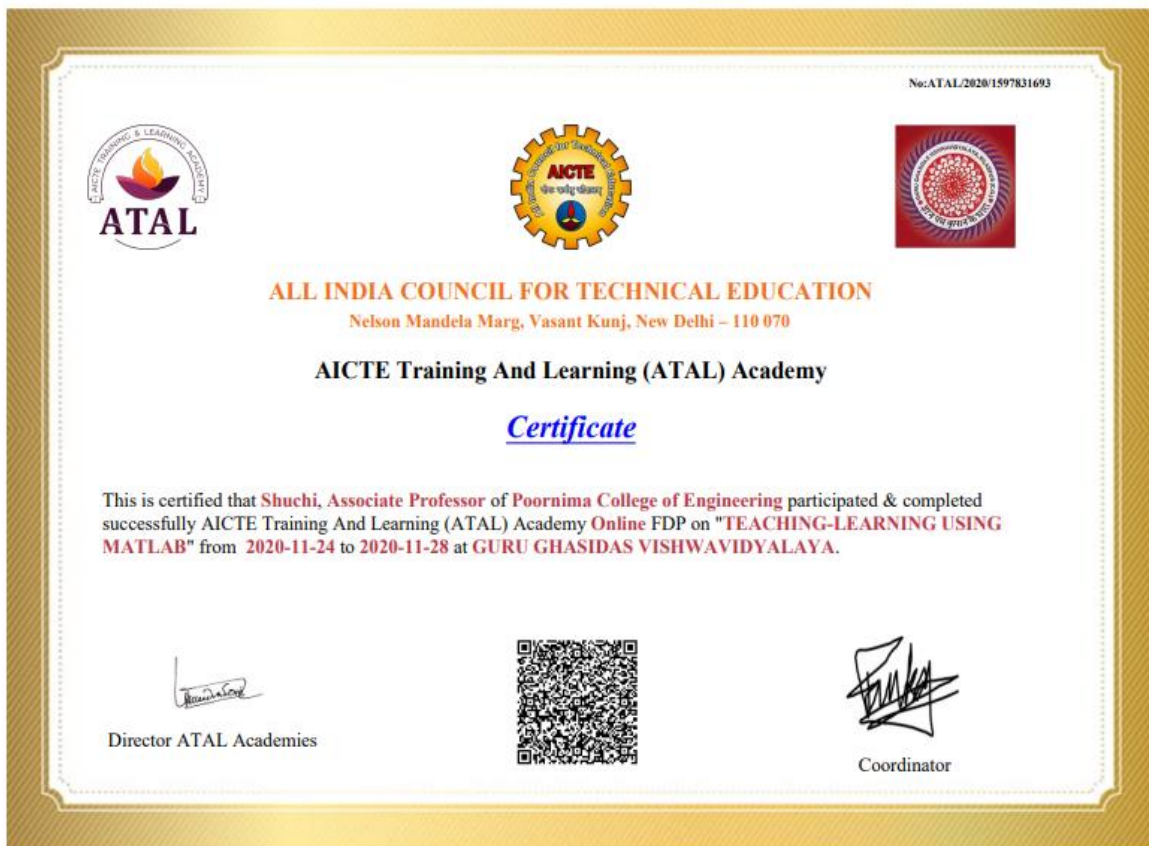
Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL20ME70S81650144

To validate and check scores: <http://nptel.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR



  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR





5 Courses

Introduction to Data Science in Python

Applied Plotting, Charting & Data Representation in Python

Applied Machine Learning in Python

Applied Text Mining in Python

Applied Social Network Analysis in Python



Nov 25, 2020


**Neelam Chaplot**


has successfully completed the online, non-credit Specialization

## Applied Data Science with Python


The 5 courses in this University of Michigan specialization introduce learners to data science through the python programming language. This skills-based specialization is intended for learners who have a basic python or programming background, and want to apply statistical, machine learning, information visualization, and text analysis techniques to gain new insight into their data. In the final course, students will work on real-world data analysis projects, building a portfolio which showcases their work while at the same time helping real clients gain a better understanding of their data.

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

  
Christopher Brooks  
Research Assistant  
Professor  
School of Information

  
Daniel Romero, Ph.D.  
Assistant Professor  
School of Information  
University of Michigan

  
Kevyn Collins-Thompson  
Associate Professor  
School of Information

  
V. G. Vinod Vydiswaran  
Assistant Professor  
School of Information

Verify this certificate at:  
[coursera.org/verify/specialization/BHFGJZ9A9ZP](https://coursera.org/verify/specialization/BHFGJZ9A9ZP)

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR



Sep 17, 2020

**Neelam Chaplot**

has successfully completed

**Applied Text Mining in Python**

an online non-credit course authorized by University of Michigan and offered through Coursera

V.G. Vinod Vydinwaran  
Assistant Professor  
School of Information

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/ZDWRZB865XKB](https://coursera.org/verify/ZDWRZB865XKB)

Coursera has confirmed the identity of this individual and their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR



Apr 6, 2021

**Neelam Chaplot**

has successfully completed

**Neural Networks and Deep Learning**

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

A handwritten signature in blue ink, appearing to read 'Andrew Ng'.

Andrew Ng, Founder, DeepLearning.AI & Co-founder, Coursera  
Kian Katanforoosh, Co-founder, Workera  
Younes Bensouda Mourri, Instructor of AI, Stanford University

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/QSP27CLDHMA9](https://coursera.org/verify/QSP27CLDHMA9)

Coursera has confirmed the identity of this individual and their participation in the course.

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR





Nov 25, 2020

Neelam Chaplot

has successfully completed

Applied Social Network Analysis in Python

an online non-credit course authorized by University of Michigan and offered through Coursera

Daniel Romero, Ph.D.  
Assistant Professor  
School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/BP33MK8C79V9](https://coursera.org/verify/BP33MK8C79V9)

Coursera has confirmed the identity of this individual and their participation in the course.

Dr. Mahesh Bunde  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



08/16/2020

**Neelam Chaplot**

has successfully completed

**Applied Plotting, Charting & Data Representation  
in Python**

an online non-credit course authorized by University of Michigan and offered through  
Coursera

Christopher Brooks  
Research Assistant Professor  
School of Information

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/L8Vj7LAZCzPF](https://coursera.org/verify/L8Vj7LAZCzPF)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



06/09/2020

**Harshwardhan Singh Chouhan**

has successfully completed

**Mechanics of Materials I: Fundamentals of Stress  
& Strain and Axial Loading**

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera

Wayne E. Whiteman, Ph.D., F.E.  
Senior Academic Professional  
Woodruff School of Mechanical Engineering, Georgia Institute of Technology

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/YVDFL3X9KD46](https://coursera.org/verify/YVDFL3X9KD46)

Coursera has confirmed the identity of this individual and  
their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



06/10/2020

**Harshwardhan Singh Chouhan**

has successfully completed

**Mastering bitumen for better roads and innovative applications**

an online non-credit course authorized by École des Ponts ParisTech and offered through Coursera

Armel de la BOURDONNAYE  
Directeur de  
l'École nationale des  
ponts et chaussées


Armel de la BOURDONNAYE  
Directeur  
École nationale des ponts et chaussées

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/52CP89EA4T2V](https://coursera.org/verify/52CP89EA4T2V)

Coursera has confirmed the identity of this individual and their participation in the course.

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



# Certificate of Completion

This is to certify that **Vishal Choudhary**  
successfully completed 10 total hours of **DP-900**  
**Microsoft Azure Data Fundamentals Certification**  
2021 online course on May 16, 2021

*Alan Rodrigues*

Alan Rodrigues, Instructor

&



Certificate no: UC-dad108b9-d32b-487c-891d-dd5f64cad7be  
Certificate url: [www.udemy.com/certificate/UC-dad108b9-d32b-487c-891d-dd5f64cad7be](https://www.udemy.com/certificate/UC-dad108b9-d32b-487c-891d-dd5f64cad7be)  
Version 1

#BeAble

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR

# Certificate of Completion

This is to certify that **Vishal Choudhary**  
successfully completed 9.5 total hours of **AZ-900:**  
**Microsoft Azure Fundamentals Certification -**  
**2021 online course on May 12, 2021**

*Anand Rao Nednur*  
Anand Rao Nednur, Instructor



Certificate no: UC-492d1a59-237a-448f-affb-a544fc546b07  
Certificate url: [udemy/UC-492d1a59-237a-448f-affb-a544fc546b07](https://udemy.com/UC-492d1a59-237a-448f-affb-a544fc546b07)  
Version 3

#BeAble

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR





May 25, 2021

**Archika Jain**

has successfully completed

**Version Control with Git**

an online non-credit course authorized by Atlassian and offered through Coursera

A handwritten signature in black ink, appearing to read "Steve Byrnes".

Steve Byrnes  
Technical Instructional Designer  
Atlassian

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/Z6P3QF983RAU](https://coursera.org/verify/Z6P3QF983RAU)

Coursera has confirmed the identity of this individual and their participation in the course.

A handwritten signature in blue ink, appearing to read "Dr. Mahesh Bunde".

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR

# Certificate of Completion

This is to certify that **Archika Agarwal**  
successfully completed 4.5 total hours of **Learn  
Machine Learning in 21 Days** online course on  
May 25, 2021

*Code Warriors*  
Code Warriors, Instructor

*Mayank Bajaj*  
Mayank Bajaj, Instructor

*Gaurav Sharma*  
Gaurav Sharma, Instructor

*Anup Mor*  
Anup Mor, Instructor

&

 Udemy

Certificate no: UC-925a559d-4031-4532-9625-b395c1a5fb99  
Certificate url: [udemy/UC-925a559d-4031-4532-9625-b395c1a5fb99](https://www.udemy.com/certificate/UC-925a559d-4031-4532-9625-b395c1a5fb99)  
Version 3

#BeAble

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sikapura, JAIPUR

# Certificate of Completion

**This is to certify that Archika Agarwal  
successfully completed 10.5 total hours of Python  
Learn by Python Projects & Python Quizzes in  
2021 online course on June 1, 2021**

*Tamer Ahmed*  
Tamer Ahmed, Instructor

&



Certificate no: UC-57733e40-c52f-4dc8-9334-659de2b01beb  
Certificate url: [udemy.com/UC-57733e40-c52f-4dc8-9334-659de2b01beb](https://udemy.com/UC-57733e40-c52f-4dc8-9334-659de2b01beb)  
Version 3

#BeAble

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR





May 23, 2021

**Praveen Kumar Yadav**

has successfully completed

**Version Control with Git**

an online non-credit course authorized by Atlassian and offered through Coursera

A handwritten signature in black ink, appearing to read "Steve Byrnes".

Steve Byrnes  
Technical Instructional Designer  
Atlassian

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/MACRQLSD8T5H](https://coursera.org/verify/MACRQLSD8T5H)

Coursera has confirmed the identity of this individual and their participation in the course.

A handwritten signature in blue ink, appearing to read "Dr. Mahesh Bunde".

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sikapura, JAIPUR



May 19, 2021

**Praveen Kumar Yadav**

has successfully completed

**Getting Started with AWS Machine Learning**

an online non-credit course authorized by Amazon Web Services and offered through Coursera

Blaine Sundrud  
Senior Technical Trainer  
AWS Training and Certification

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/52Z9NC4FTJ8E](https://coursera.org/verify/52Z9NC4FTJ8E)

Coursera has confirmed the identity of this individual and their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Sitapura, JAIPUR



May 28, 2021

**Praveen Kumar Yadav**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink, appearing to read 'Charles'.

Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/URBE6HEA97W7](https://coursera.org/verify/URBE6HEA97W7)

Coursera has confirmed the identity of this individual and their participation in the course.

A handwritten signature in blue ink, appearing to read 'Dr. Mahesh Bunde'.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director

Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR





08/17/2020

**Dr. Garima Mathur**

has successfully completed

**Introduction to Artificial Intelligence (AI)**

an online non-credit course authorized by IBM and offered through Coursera

Rav Ahuja  
AI & Data Science Program Director  
IBM Skills Network

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/5Y7SDP9GKDQV](https://coursera.org/verify/5Y7SDP9GKDQV)

Coursera has confirmed the identity of this individual and  
their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



08/18/2020

**Dr. Garima Mathur**

has successfully completed

**Getting Started with AI using IBM Watson**

an online non-credit course authorized by IBM and offered through Coursera

Rav Ahuja  
AI & Data Science Program Director  
IBM Skills Network

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/BCDKV7SQ3PER](https://coursera.org/verify/BCDKV7SQ3PER)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



08/30/2020

**Dr. Garima Mathur**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

Gerry Landers  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/CCUBEFEZSNVA](https://coursera.org/verify/CCUBEFEZSNVA)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR



08/26/2020

**Dr. Garima Mathur**

has successfully completed

**Electric Power Systems**

an online non-credit course authorized by University at Buffalo and The State University of New York and offered through Coursera

Ilya Grinberg, Professor  
Engineering Technology  
Buffalo State College

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/GABPRKAWBMVQ](https://coursera.org/verify/GABPRKAWBMVQ)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



**UC DAVIS**

08/29/2020

**Dr. Garima Mathur**

has successfully completed

**Introduction to Web Development**

an online non-credit course authorized by University of California, Davis and offered through Coursera



Daniel Randall  
Web Development Instructor  
UC Davis Division of Continuing and Professional Education

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/GPBXXX5TVXFK](https://coursera.org/verify/GPBXXX5TVXFK)

Coursera has confirmed the identity of this individual and their participation in the course.

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR



08/10/2020

**Dr. Garima Mathur**

has successfully completed

**Grammar and Punctuation**

an online non-credit course authorized by University of California, Irvine and offered through Coursera

A handwritten signature in black ink, appearing to read "Helen Nam".

Helen Nam  
Tamy Chapman  
International Programs, UCI Extension

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/NBUSTSB326R4](https://coursera.org/verify/NBUSTSB326R4)

Coursera has confirmed the identity of this individual and their participation in the course.

A handwritten signature in blue ink, appearing to read "Dr. Mahesh Bunde".

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



**UCDAVIS**

08/25/2020

**Dr. Garima Mathur**

has successfully completed

**Big Data, Artificial Intelligence, and Ethics**

an online non-credit course authorized by University of California, Davis and offered through Coursera



Martin Hilbert  
Professor and Chair DE Computational Social Science  
Dpt Communication, DataLab, and Graduate Group in Computer Science  
University of California, Davis

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/UEFTQAWLX8EE](https://coursera.org/verify/UEFTQAWLX8EE)

Coursera has confirmed the identity of this individual and their participation in the course.

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR

**UCI** Division of  
Continuing Education

08/20/2020

**Dr. Garima Mathur**

has successfully completed

**Getting Started with Essay Writing**

an online non-credit course authorized by University of California, Irvine and offered  
through Coursera

*Tamy Chapman*  
*Helen Nam*

Tamy Chapman  
Helen Nam

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/X4T55ZX88GJ](https://coursera.org/verify/X4T55ZX88GJ)

Coursera has confirmed the identity of this individual and  
their participation in the course.

*Dr. Mahesh Bunde*  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



Technical University  
of Denmark

09/06/2020

**Dr. Garima Mathur**

has successfully completed

**Wind Energy**

an online non-credit course authorized by Technical University of Denmark (DTU) and  
offered through Coursera

*Merete Badger, Alma Salnaja, Lars Pilgaard Mikkelsen, Ameya Sathe, Vladimir Fedorov, Tom Cronin, Torben Krogh,  
Mikkelsen, Morten Hartvig Hansen, Niels-Erik Clausen, Bonnie Ram, Sven-Erik Grynning, Kim Branner, Poul Ejnar Sørensen,  
Hilmar Kjartansson Danielsen, Henrik Bredmose*

Merete Badger, Alma Salnaja, Lars Pilgaard Mikkelsen, Ameya Sathe, Vladimir Fedorov, Tom Cronin, Torben Krogh,  
Mikkelsen, Morten Hartvig Hansen, Niels-Erik Clausen, Bonnie Ram, Sven-Erik Grynning, Kim Branner, Poul Ejnar Sørensen,  
Hilmar Kjartansson Danielsen, Henrik Bredmose

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/YYD5FQW4VEG6](https://coursera.org/verify/YYD5FQW4VEG6)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

*Dr. Mahesh Bunde*  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



May 30, 2020

**Dr. PAYAL BANSAL**

has successfully completed

**Developing AI Applications on Azure**

an online non-credit course authorized by LearnQuest and offered through Coursera



COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/VPYD3LRSH2T>

Coursera has confirmed the identity of this individual and their participation in the course.

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR





May 15, 2020

**Dr. PAYAL BANSAL**

has successfully completed

**Getting Started with AWS Machine Learning**

an online non-credit course authorized by Amazon Web Services and offered through Coursera

Blaine Sundrud  
Senior Technical Trainer  
AWS Training and Certification

COURSE  
CERTIFICATE



Verify at:

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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR





Jun 9, 2021

**Dr. Shuchi Dave**

has successfully completed

**Matrix Algebra for Engineers**

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera

Jeffrey R. Chasnov  
Professor  
Department of Mathematics

**COURSE  
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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



Jun 15, 2021

**Dr. Shuchi Dave**

has successfully completed

**COVID-19 Contact Tracing**

an online non-credit course authorized by Johns Hopkins University and offered through Coursera

Dr. Emily S. Gurley  
Associate Scientist  
Department of Epidemiology  
Johns Hopkins Bloomberg School of Public Health

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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR

# UC SANTA CRUZ

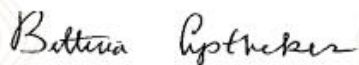
Jun 1, 2020

**Dr. Shuchi Dave**

has successfully completed

**Feminism and Social Justice**

an online non-credit course authorized by University of California, Santa Cruz and  
offered through Coursera



Bettina Aptheker  
Distinguished Professor  
Feminist Studies Department  
University of California, Santa Cruz

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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR







06/08/2020

**LOKESH KUMAR PRAJAPAT**

has successfully completed

**Mechanics of Materials I: Fundamentals of Stress  
& Strain and Axial Loading**

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera

Wayne E. Whiteman, Ph.D., P.E.  
Senior Academic Professional  
Woodruff School of Mechanical Engineering, Georgia Institute of Technology

**COURSE  
CERTIFICATE**



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their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR





06/07/2020

**LOKESH KUMAR PRAJAPAT**

has successfully completed

**Mechanics of Materials II: Thin-Walled Pressure Vessels and Torsion**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

Wayne E. Whiteman, Ph.D., P.E.  
Senior Academic Professional  
Woodruff School of Mechanical Engineering, Georgia Institute of Technology

**COURSE  
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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR



06/07/2020

**LOKESH KUMAR PRAJAPAT**

has successfully completed

**Mechanics of Materials III: Beam Bending**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

Wayne E. Whiteman, Ph.D., P.E.  
Senior Academic Professional  
Woodruff School of Mechanical Engineering, Georgia Institute of Technology

**COURSE  
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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR



École des Ponts  
ParisTech

15-07-2020

**GAURAV JAIN**

a réussi

**Electric Vehicles and Mobility**

un cours en ligne sans crédit, autorisé par École des Ponts ParisTech et proposé par  
l'intermédiaire de Coursera

**COURSE  
CERTIFICATE**



Émeric FORTIN


Head of the Master in Transport and Sustainable Development  
Researcher at LVMT (City Mobility Transport Lab), École des Ponts ParisTech  
Direction of Studies, École des Ponts ParisTech

Virginie BOUTUEL

Researcher at LVMT (City Mobility Transport Lab), École des Ponts ParisTech  
Deputy Director of Sustainable Mobility Institute Renault-ParisTech (IMI)

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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR



15-07-2020

**GAURAV JAIN**

a réussi

**SOLAR ENERGY**

un cours en ligne sans crédit, autorisé par École des Ponts ParisTech et proposé par l'intermédiaire de Coursera

**COURSE  
CERTIFICATE**



Émile FORTIN

Head of the Master in Transport and Sustainable Development Researcher at LVM (City Mobility Transport Lab), École des Ponts ParisTech  
Director of Studies, École des Ponts ParisTech

Virginie BOUTUEL

Researcher at LVM (City Mobility Transport Lab), École des Ponts ParisTech  
Deputy Director of Sustainable Mobility Institute Renault-ParisTech (SMI)

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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR

**Imperial College  
London**

Mar 22, 2021

**Pravin Sonwane**

has successfully completed

**Creative Thinking: Techniques and Tools for  
Success**

an online non-credit course authorized by Imperial College London and offered through  
Coursera



Peter Childs  
Head of the Dyson School of Design Engineering  
Dyson School of Design Engineering

**COURSE  
CERTIFICATE**



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participation in the course.



**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



**Imperial College  
London**

Jul 27, 2020

**Pravin Sonwane**

has successfully completed

**Introduction to Android graphics**

an online non-credit course authorized by Imperial College London and offered through  
Coursera



Benny Lo  
Senior Lecturer  
The Hamlyn Centre for Robotic Surgery/Department of Surgery and Cancer  
Imperial College London

**COURSE  
CERTIFICATE**



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participation in the course.

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR



École des Ponts  
ParisTech

Jul 1, 2020

**Pravin Sonwane**

has successfully completed

**Electric Vehicles and Mobility**

an online non-credit course authorized by École des Ponts ParisTech and offered through  
Coursera

COURSE  
CERTIFICATE



Émeric FORTIN  
Head of the Master in Transport and Sustainable Development  
Direction of Studies, École des Ponts ParisTech

Virginie BOUTUEIL  
Researcher at UfMT (City Mobility Transport Lab), École des Ponts ParisTech  
Deputy Director of Sustainable Mobility Institute Renault-ParisTech (IMD)

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<https://coursera.org/verify/ZER8P0RRGVOMK>

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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR



4 Courses

Electric Power Systems  
Natural Gas  
Safety in the Utility Industry  
Energy: The Enterprise

University at Buffalo

Stony Brook University

Jul 2, 2020

**Pravin Sonwane**

has successfully completed the online, non-credit Specialization

## Energy Production, Distribution & Safety

In this specialization, learners were exposed to the energy industry - including its structure, energy origins, constraints, pricing and regulations - as well as the impact of emerging disruptive technologies and renewable energies on the evolution of the Smart Grid. Learners developed a working knowledge of a modern electrical power system and the components, foundational electric power instruments and machinery, and the interactions between energy and the environment. They gained insights into the basic properties of natural gas, operations of its distribution, basic field skills required, the liquefaction of natural gas, and standard energy industry safety practices and OSHA regulations.

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

*Timothy Leyh*

Martin Casstevens,  
Business Formation and  
Commercialization  
Manager of the UB  
Business and  
Entrepreneur  
Partnerships, and  
Executive Director of  
Directed Energy  
Timothy Leyh, Executive  
Director of the  
University at Buffalo  
Center for Industrial  
Effectiveness

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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR



Jun 1, 2021

**DrDeepika chauhan**

has successfully completed

**Solar Energy and Electrical System Design**

an online non-credit course authorized by University at Buffalo and offered through Coursera

Gay Cancogh, PhD  
Partner, Direct Gain Consulting  
Founder, ETM Solar Works

**COURSE  
CERTIFICATE**



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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR





The State University  
of New York

06/08/2020

**Devendra Kumar Doda**

has successfully completed

**Solar Energy Basics**

an online non-credit course authorized by The State University of New York and offered  
through Coursera

*Neal Abrams*

Neal Abrams  
Associate Professor

**COURSE  
CERTIFICATE**



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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Sitapura, JAIPUR



**Duke**  
UNIVERSITY

05/21/2020

**AMARJEET BHARTI**

has successfully completed

**Data Science Math Skills**

an online non-credit course authorized by Duke University and offered through  
Coursera

**COURSE  
CERTIFICATE**



Daniel Egger  
Executive in Residence and Director,  
Center for Quantitative Modeling  
Pratt School of Engineering

Paul Bendich  
Assistant research professor of Mathematics  
Associate Director for Curricular Engagement at the Information Initiative at Duke  
Mathematics

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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR



06/06/2020

**AMARJEET BHARTI**

has successfully completed

**The Data Scientist's Toolbox**

an online non-credit course authorized by Johns Hopkins University and offered through Coursera

Jeff Leek, PhD; Roger Peng, PhD; Brian Caffo, PhD  
Department of Biostatistics  
Johns Hopkins Bloomberg School of Public Health

**COURSE  
CERTIFICATE**



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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR



05/15/2020

**AMARJEET BHARTI**

has successfully completed

**Matrix Algebra for Engineers**

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera

Jeffrey R. Chasnov  
Professor  
Department of Mathematics

**COURSE  
CERTIFICATE**



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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR

# KAIST

05/28/2020

## AMARJEET BHARTI

has successfully completed

### Introduction to Ordinary Differential Equations

an online non-credit course authorized by Korea Advanced Institute of Science and Technology (KAIST) and offered through Coursera



Professor Kil Hyun Kwon, Ph.D.  
Department of Mathematical Sciences  
Korea Advanced Institute of Science and Technology

### COURSE CERTIFICATE



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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director

Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Sitapura, JAIPUR





05/27/2020

**AMARJEET BHARTI**

has successfully completed

**How Things Work: An Introduction to Physics**

an online non-credit course authorized by University of Virginia and offered through Coursera

Louis A. Bloomfield  
Professor and Associate Chair of Physics  
University of Virginia

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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR



**W** UNIVERSITY of WASHINGTON

06/08/2020

**Meena Tekriwal**

has successfully completed

**Introduction to Public Speaking**

a MOOC from the University of Washington and offered through Coursera



Dr. Matt McGarrity  
Principal Lecturer  
Department of Communication

**COURSE  
CERTIFICATE**



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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR

**EPFL**

May 26, 2020

**Dr. Meena Tekriwal**

has successfully completed

**Municipal Solid Waste Management in Developing Countries**

an online non-credit course authorized by École Polytechnique Fédérale de Lausanne and offered through Coursera

Dr. Christian Zurbrugg, Sandec / Eawag  
MSc. Eng. Imanol Zabala, Sandec / Eawag

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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



THE UNIVERSITY OF  
**SYDNEY**

Jun 17, 2020

**Dr. Meena Tekriwal**

has successfully completed

**Positive Psychiatry and Mental Health**

an online non-credit course authorized by The University of Sydney and offered through Coursera

Sonia Kumar  
Psychiatrist and Psychiatry Educator  
Brain and Mind Centre, The University of Sydney

COURSE  
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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR

**EPFL**

May 26, 2020

**Dr. Meena Tekriwal**

has successfully completed

**Municipal Solid Waste Management in Developing Countries**

an online non-credit course authorized by École Polytechnique Fédérale de Lausanne and offered through Coursera

Dr. Christian Zurbrugg, Sandec / Eawag  
MSc., Eng. Iñaki Zabala, Sandec / Eawag

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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR



05/19/2020

**REKHA NAIR**

has successfully completed

**Material Behavior**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

Thomas H. Sanders, Jr.  
Regents' Professor  
School of Materials Science and Engineering

**COURSE  
CERTIFICATE**



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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR





05/20/2020

**REKHA NAIR**

has successfully completed

**Solar Energy Basics**

an online non-credit course authorized by The State University of New York and offered through Coursera

*Neal Abrams*

Neal Abrams  
Associate Professor

**COURSE  
CERTIFICATE**



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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



05/13/2020

**REKHA NAIR**

has successfully completed

**Material Processing**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

Thomas H. Sanders, Jr.  
Regents' Professor  
School of Materials Science and Engineering

**COURSE  
CERTIFICATE**



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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR

**UCI** Division of  
Continuing Education

05/20/2020

**Riddhi Shrivastava**

has successfully completed

**Project Management: The Basics for Success**

an online non-credit course authorized by University of California, Irvine and offered  
through Coursera



Rob Stone, FMP, M.Ed.  
Instructor  
University of California, Irvine Extension

**COURSE  
CERTIFICATE**



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their participation in the course.

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR



THE UNIVERSITY  
of NORTH CAROLINA  
at CHAPEL HILL

05/11/2020

**Riddhi Shrivastava**

has successfully completed

**Introduction to Environmental Law and Policy**

an online non-credit course authorized by The University of North Carolina at Chapel Hill and offered through Coursera

Don Hornstein, J.D.  
School of Law  
University of North Carolina at Chapel Hill

**COURSE  
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their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Sitapura, JAIPUR

**UCI** Division of  
Continuing Education

05/16/2020

**Riddhi Shrivastava**

has successfully completed

**Grammar and Punctuation**

an online non-credit course authorized by University of California, Irvine and offered  
through Coursera

*Tamy Chapman*  
*Helen Nam*

Tamy Chapman  
Helen Nam

**COURSE  
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their participation in the course.

*Dr. Mahesh Bunde*  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR





05/18/2020

**Riddhi Shrivastava**

has successfully completed

**Introduction to Sustainability**

an online non-credit course authorized by University of Illinois at Urbana-Champaign  
and offered through Coursera

Dr. Jonathan Tomkin  
Associate Director  
Research Associate Professor  
School of Earth, Society, and Environment  
University of Illinois

**COURSE  
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their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sikapura, JAIPUR



05/11/2020

**Riddhi Shrivastava**

has successfully completed

**Renewable Energy and Green Building  
Entrepreneurship**

an online non-credit course authorized by Duke University and offered through  
Coursera

Chris Wedding  
Faculty Member  
Nicholas School of the Environment. Founder and Managing Partner, IronOak Energy

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/ZJWW7H58B6FM](https://coursera.org/verify/ZJWW7H58B6FM)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AMOL SAXENA**

for passing the course

**Software Testing**

with Score\* **70** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

**Jan-Feb 2020**  
**(4 week course)**



Indian Institute of Technology Kharagpur



**\*Continuous online assessment score**

To validate and check scores: <https://nptel.ac.in/noc>

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR



# NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**KALPIT JAIN**

for successfully completing the course

**Product Design Using Value Engineering**

with a consolidated score of **56 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Jul-Aug 2019)

Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL19ME51S11430313

To validate and check scores: <http://nptel.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



# NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SANJAY KUMAWAT**

for successfully completing the course  
**Design Practice**

with a consolidated score of **68 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Jul-Sep 2019)

Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL19ME49S11430235

To validate and check scores: <http://npTEL.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR





Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SHAIENDRA KASERA**  
for successfully completing the course  
**Refrigeration and Air-conditioning**

with a consolidated score of **63** %

Online Assignments	21.25/25	Proctored Exam	41.25/75
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Total number of candidates certified in this course: **491**

**Prof. V. C. Srivastava**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Jul-Sep 2019**  
**(8 week course)**

**Prof. Inderdeep Singh**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL19ME58S11430256

To validate and check scores: <https://nptel.ac.in/noc>

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR



# NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**ASHABAI SANJAY KUMAWAT**  
for successfully completing the course  
**Design Practice**  
with a consolidated score of **65 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Jul-Sep 2019)

Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL19ME49S11430237

To validate and check scores: <http://nptel.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR



**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**  
NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

*Certificate of Participation*

This is to certify that Dr. Shuchi from Poornima College Engineering, Jaipur, has participated and successfully completed 3-days "Faculty Development Program for Student Induction (FDP-SI)" during 1 - 3 July 2019 at Poornima College of Engineering, Jaipur organized by All India Council for Technical Education(AICTE).

Prof. Rajeev Sangal  
Chairman  
National Coordination Committee for Induction Program

Prof. Rajive Kumar  
Adviser-I, AICTE

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY HYDERABAD



### Advanced Training of Trainers Workshop on

Preparing Resource Persons for FDP on Student Induction

15 - 17 November 2019


SPONSORED BY


ALL INDIA COUNCIL FOR TECHNICAL EDUCATION  
NEW DELHI

### CERTIFICATE OF PARTICIPATION

This is to certify that Dr./Mr./Ms. Shuchi from Poornima College of Eng., Jaipur has participated in "Advanced Training of Trainers Workshop on Preparing Resource Persons for FDP on Student Induction" during 15 - 17 November 2019 at IIIT Hyderabad.

Place : Hyderabad  
Date : 17.11.2019

  
**Prof. R. Pradeep Kumar**  
Head  
Human Values Cell, IIIT-H

  
**Prof. Rajeev Sangal**  
Chairman  
Advanced ToT Workshop

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



06/02/2020

**Divya Vishnoi**

has successfully completed

**Mechanics of Materials I: Fundamentals of Stress  
& Strain and Axial Loading**

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera

Wayne E. Whitteman, Ph.D., P.E.  
Senior Academic Professional  
Woodruff School of Mechanical Engineering, Georgia Institute of Technology

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/B27TAA34X3TD](https://coursera.org/verify/B27TAA34X3TD)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR





05/16/2020

**Divya Vishnoi**

has successfully completed

**Mechanics of Materials IV: Deflections, Buckling,  
Combined Loading & Failure Theories**

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera

Wayne E. Whiteman, Ph.D., P.E.  
Senior Academic Professional  
Woodruff School of Mechanical Engineering, Georgia Institute of Technology

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/C32VASTVCQP5](https://coursera.org/verify/C32VASTVCQP5)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR



06/03/2020

**Divya Vishnoi**

has successfully completed

**Natural Attenuation of Groundwater  
Contaminants: New Paradigms, Technologies, and  
Applications**

an online non-credit course authorized by Rice University and offered through  
Coursera

Pedro Alvarez, Professor, Civil and Environmental Engineering  
Charles Newell, Vice President, GSI Environmental Inc.  
David Adamson, Senior Environmental Engineer, GSI Environmental Inc.

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/KDZG8gAY4XNQ](https://coursera.org/verify/KDZG8gAY4XNQ)

Coursera has confirmed the identity of this individual and  
their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



05/17/2020

**Divya Vishnoi**

has successfully completed

**Mechanics of Materials III: Beam Bending**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

Wayne E. Whiteman, Ph.D., P.E.  
Senior Academic Professional  
Woodruff School of Mechanical Engineering, Georgia Institute of Technology

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/ZXGHFVLHUQX9](https://coursera.org/verify/ZXGHFVLHUQX9)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR



05/17/2020

**Divya Vishnoi**

has successfully completed

**Mechanics of Materials II: Thin-Walled Pressure Vessels and Torsion**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

Wayne E. Whiteman, Ph.D., P.E.  
Senior Academic Professional  
Woodruff School of Mechanical Engineering, Georgia Institute of Technology

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/W2N3Y8VHH4L4](https://coursera.org/verify/W2N3Y8VHH4L4)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



**UCI** Division of  
Continuing Education

05/25/2020

**Divya Vishnoi**

has successfully completed

**Work Smarter, Not Harder: Time Management for  
Personal & Professional Productivity**

an online non-credit course authorized by University of California, Irvine and offered  
through Coursera

*Margaret M. Meloni*

Margaret Meloni, MBA, PMP  
Instructor  
University of California, Irvine Division of Continuing Education

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/B8TBVVC6NJTZ](https://coursera.org/verify/B8TBVVC6NJTZ)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

*Dr. Mahesh Bunde*  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR





05/28/2020

**Divya Vishnoi**

has successfully completed

**AI For Everyone**

an online non-credit course authorized by deeplearning.ai and offered through Coursera

Adjunct Professor Andrew Ng  
Computer Science Department  
Stanford University

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/KBDTBzCM4TD3](https://coursera.org/verify/KBDTBzCM4TD3)

Coursera has confirmed the identity of this individual and  
their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



05/26/2020

**Balwan**

has successfully completed

**Mechanics of Materials I: Fundamentals of Stress  
& Strain and Axial Loading**

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera.

Wayne E. Whiteman, Ph.D., P.E.  
Senior Academic Professional  
Woodruff School of Mechanical Engineering, Georgia Institute of Technology

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/CJMT99HJTA66](https://coursera.org/verify/CJMT99HJTA66)

Coursera has confirmed the identity of this individual and  
their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR



05/17/2020

**Balwan**

has successfully completed

**Introduction to Engineering Mechanics**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

Wayne E. Whiteman, Ph.D., P.E. | Dr. Nelson Baker  
Senior Academic Professional | Dean of Professional Education  
Woodruff School of Mechanical Engineering  
Georgia Institute of Technology

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/EJB6YSQSCUN4](https://coursera.org/verify/EJB6YSQSCUN4)

Coursera has confirmed the identity of this individual and their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR



05/28/2020

**Balwan**

has successfully completed

**How to Write and Publish a Scientific Paper  
(Project-Centered Course)**

an online non-credit course authorized by École Polytechnique and offered through Coursera

*Mathis Flapp*

Mathis Flapp  
Directeur de recherche, CNRS  
Professeur Chargé de Cours, École Polytechnique

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/JHVCKHPM25G2](https://coursera.org/verify/JHVCKHPM25G2)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR



05/19/2020

**Balwan**

has successfully completed

**Mechanics of Materials III: Beam Bending**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

Wayne E. Whiteman, Ph.D., P.E.  
Senior Academic Professional  
Woodruff School of Mechanical Engineering, Georgia Institute of Technology

COURSE  
CERTIFICATE



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Coursera has confirmed the identity of this individual and their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR





05/10/2020

**Balwan**

has successfully completed

**Mechanics of Materials IV: Deflections, Buckling,  
Combined Loading & Failure Theories**

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera

Wayne E. Whiteman, Ph.D., P.E.  
Senior Academic Professional  
Woodruff School of Mechanical Engineering, Georgia Institute of Technology

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/Y7U2QDBCXD59](https://coursera.org/verify/Y7U2QDBCXD59)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR



THE UNIVERSITY OF  
**SYDNEY**

05/28/2020

**Dr. Shuchi Dave**

has successfully completed

**Introduction to Calculus**

an online non-credit course authorized by The University of Sydney and offered  
through Coursera

David Exadoun  
Associate Professor  
Department of Mathematics and Statistics

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/MHM79QASLJN5](https://coursera.org/verify/MHM79QASLJN5)

Coursera has confirmed the identity of this individual and  
their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



## REST SOCIETY FOR RESEARCH INTERNATIONAL

(An autonomous body of REST Trust, India)  
Registered under the Indian Trusts Act, 1882: 43/2009  
Email: [rsrisociety@gmail.com](mailto:rsrisociety@gmail.com); Web: [www.rsri.org.in](http://www.rsri.org.in)



### CERTIFICATE OF APPRECIATION

## ONE WEEK STTP ON ADVANCED RESEARCH METHODOLOGY

Certificate No: AAF0605

This is to certify that **Dr. Shuchi Dave** has successfully completed and **Qualified the exam** of **One Week STTP on Advanced Research Methodology** from 11 May, 2020 to 15 May, 2020 organized by REST Society for Research International (RSRI), Krishnagiri, Tamil Nadu, India.

Dr. A. V. Raghu  
President

Prof. Bhavna Sharma  
Registrar

Dr. Ranjan Kumar Ghadai  
Coordinator

Dr. Mahesh Bunde  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR



## REST SOCIETY FOR RESEARCH INTERNATIONAL

(An autonomous body of REST Trust, India)  
Registered under the Indian Trusts Act, 1882: 43/2009  
Email: [rsrisociety@gmail.com](mailto:rsrisociety@gmail.com); Web: [www.rsri.org.in](http://www.rsri.org.in)



### CERTIFICATE OF APPRECIATION

## ONE WEEK STTP ON STATISTICAL ANALYSIS FOR RESEARCH

Certificate No: AAH0289

This is to certify that **Dr. Shuchi Dave** has successfully completed and **Qualified the Exam of One Week STTP on Statistical Analysis for Research (online mode)** from 18 May, 2020 to 22 May, 2020 organized by REST Society for Research International (RSRI), Krishnagiri, Tamil Nadu, India.

Dr. A. V. Raghu  
President

Prof. Bhavna Sharma  
Registrar

Dr. Nivetha Martin  
Coordinator

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR





THE UNIVERSITY OF  
**SYDNEY**

05/28/2020

**Dr. Shuchi Dave**

has successfully completed

**Introduction to Calculus**

an online non-credit course authorized by The University of Sydney and offered  
through Coursera

David Easdown  
Associate Professor  
Department of Mathematics and Statistics

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/MHM79QA8LJN5](https://coursera.org/verify/MHM79QA8LJN5)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sikapura, JAIPUR



VANDERBILT  UNIVERSITY

06/09/2020

**DURGESH KUMAR**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera

**COURSE  
CERTIFICATE**



Alice Leibert  
Professor  
Computer Engineering

Mike Fingersh  
Professor Emeritus  
Computer Science, Computer Engineering, Electrical Engineering, Neurosurgery, and Radiology



**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR



06/08/2020

**DURGESH KUMAR**

has successfully completed

**Technical Support Fundamentals**

an online non-credit course authorized by Google and offered through Coursera

*Google*

Google

**COURSE  
CERTIFICATE**



  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR

# Certificate of Completion

This is to certify that

**Dr. Anila Dhingra**

from Poomima College of Engineering, Sitapura  
successfully completed the

**The BodhiTree and SAFE Tools for Effective Online Teaching: A Hands-On Workshop**

on **20 June 2020**

He/She has attended the interaction session and successfully completed both pre and post workshop online activities, involving 3 days of video lectures and hands-on work.

This training was organised by the Teaching Learning Centre (ICT) at IIT Bombay,  
funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT), MHRD, Govt. of India



**Prof. Kannan Moudgalya**  
Project Coordinator, Teaching  
Learning Centre (ICT),  
PMMNMTT, IIT Bombay



**Prof. Bhaskaran Raman**  
Course Instructor,  
Department of Comp.Sci and Engg.,  
IIT Bombay



**Prof. Kameswari Chebrolu**  
Course Instructor,  
Department of Comp.Sci and Engg.,  
IIT Bombay



**Prof. Varsha Apte**  
Course Instructor,  
Department of Comp.Sci and Engg.,  
IIT Bombay



This training was made possible with help from Spoken Tutorial and FOSSEE Projects at IIT Bombay.  
These Projects are funded by the National Mission on Education through ICT, MHRD, Govt. of India.

For details and verification,  
scan the QR code



**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poomima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR

# Certificate of Completion

This is to certify that

**Anila Dhingra**

from their Home, through IIT Bombay BodhiTree platform  
successfully completed the

**'Effective and Efficient Online Teaching in the Age of Corona, A Hands On Workshop'**

on 17 May 2020

He/She has attended the interaction session and successfully completed both pre and post workshop online activities,  
involving 3 days of video lectures and hands-on work.

This training was organised by the Teaching Learning Centre (ICT) at IIT Bombay,  
funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT), MHRD, Govt. of India



**Prof. Kannan Moudgalya**  
Project Coordinator, Teaching  
Learning Centre (ICT),  
PMMNMTT, IIT Bombay



**Prof. Bhaskaran Raman**  
Department of Comp.Sci and Engg.,  
IIT Bombay



**Prof. Kameswari Chebrolu**  
Department of Comp.Sci and Engg.,  
IIT Bombay



**Prof. Varsha Apte**  
Department of Comp.Sci and Engg.,  
IIT Bombay



This training was made possible with help from Spoken Tutorial and FOSSEE Projects at IIT Bombay.  
These Projects are funded by the National Mission on Education through ICT, MHRD, Govt. of India.

For details and verification,  
scan the QR code



**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR



06/01/2020

**Pankaj Gakhar**

has successfully completed

**Linear Circuits 1: DC Analysis**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

*Bonnie H. Fari*

Professor Bonnie H. Fari  
School of Electrical and Computer Engineering  
Georgia Institute of Technology

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/NEgDLW66Q8Z4](https://coursera.org/verify/NEgDLW66Q8Z4)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR





The State University  
of New York

05/03/2020

**Manish Sharma**

has successfully completed

**Solar Energy Basics**

an online non-credit course authorized by The State University of New York and offered  
through Coursera

*Neal Abrams*

Neal Abrams  
Associate Professor

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/LVZKqWJW6IGV](https://coursera.org/verify/LVZKqWJW6IGV)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



05/23/2020

**GAURAV JAIN**

has successfully completed

**Electric Power Systems**

an online non-credit course authorized by University at Buffalo and The State University of New York and offered through Coursera

Dya Grinberg, Professor  
Engineering Technology  
Buffalo State College

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/D87KJNFCMN5T](https://coursera.org/verify/D87KJNFCMN5T)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Sitapura, JAIPUR



05/26/2020

**GAURAV JAIN**

has successfully completed

**Natural Gas**

an online non-credit course authorized by University at Buffalo and The State University of New York and offered through Coursera

*Thomas N Russo*

Tom Russo, President  
Russo on Energy LLC

**COURSE  
CERTIFICATE**



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Coursera has confirmed the identity of this individual and  
their participation in the course.

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



05/27/2020

**GAURAV JAIN**

has successfully completed

**Safety in the Utility Industry**

an online non-credit course authorized by University at Buffalo and The State University of New York and offered through Coursera

Richard Stempniak, Associate Professor  
Engineering Technology  
Buffalo State College

**COURSE  
CERTIFICATE**



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Coursera has confirmed the identity of this individual and  
their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



05/31/2020

**GAURAV JAIN**

has successfully completed

**Neural Networks and Deep Learning**

an online non-credit course authorized by deeplearning.ai and offered through Coursera

Adjunct Professor Andrew Ng  
Computer Science

**COURSE  
CERTIFICATE**



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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR





05/31/2020

**GAURAV JAIN**

has successfully completed

**Energy: The Enterprise**

an online non-credit course authorized by University at Buffalo and The State University of New York and offered through Coursera

Martin Castevens, Business Formation and Commercialization Manager  
Business and Entrepreneurial Partnerships  
University at Buffalo.

**COURSE  
CERTIFICATE**



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their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR

# KAIST

05/30/2020

**Mayank Sharma**

has successfully completed

**Electrodynamics: An Introduction**

an online non-credit course authorized by Korea Advanced Institute of Science and Technology (KAIST) and offered through Coursera



Seungbum Hong,  
Associate Professor  
Materials Science and Engineering

COURSE  
CERTIFICATE



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Coursera has confirmed the identity of this individual and  
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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Sitapura, JAIPUR



COURSE  
CERTIFICATE

05/30/2020

**Mayank Sharma**

has successfully completed

**Fundamentals of Audio and Music Engineering:  
Part 1 Musical Sound & Electronics**

an online non-credit course authorized by University of Rochester and offered through  
Coursera



Robert Clark, PhD  
Provost and Senior Vice President for Research and  
Professor of Mechanical Engineering

Mark Rodin, PhD  
Distinguished Professor and Chair  
Electrical and Computer Engineering

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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR



The State University  
of New York

with a grade

**AMIT SHRIVASTAVA**

has successfully completed

**Solar Energy Basics**

an online non-credit course authorized by The State University of New York and offered  
through Coursera.

*Neil Abrams*

Neil Abrams  
Associate Professor

**COURSE  
CERTIFICATE**



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their participation in the course.

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR



Technical University  
of Denmark

May 22, 2020

**Pravin Sonwane**

has successfully completed

**Wind Energy**

an online non-credit course authorized by Technical University of Denmark (DTU) and  
offered through Coursera

*T. Cronin, P. Krogh, M. H. Hansen, N. E. Clausen, B. Ram, S. E. Gryning, K. Branner, P. E. Sørensen, H. N. J. Danielson, H. Bredmose*

Merete Badger, Alma Salnaja, Lars Pilgaard Mikkelsen, Ameya Sazhe, Vladimir Fedorov, Tom Cronin, Torben Krogh  
Mikkelsen, Morten Hartvig Hansen, Niels-Erik Clausen, Bonnie Ram, Sven-Erik Gryning, Kim Branner, Poul Ejnar Sørensen,  
Hilmar Njartansson Danielson, Henrik Bredmose

COURSE  
CERTIFICATE



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participation in the course.

*Dr. Mahesh Bundele*  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR



**coursera**  
project  
network

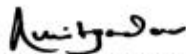
May 22, 2020

**Pravin Sonwane**

has successfully completed

**Simple Recurrent Neural Network with Keras**

an online non-credit project authorized by Coursera Project Network and offered through  
Coursera



Amit Yadav  
Instructor  
Machine Learning and Data Science

PROJECT  
CERTIFICATE



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participation in the project.

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sikapura, JAIPUR



May 23, 2020

**Pravin Sonwane**

has successfully completed

**Predicting Salaries with Simple Linear Regression  
in R**

an online non-credit project authorized by Coursera Project Network and offered through  
Coursera

*MoRebaie*

MoRebaie  
Data Science Instructor

PROJECT  
CERTIFICATE



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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR

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network

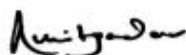
May 23, 2020

**Pravin Sonwane**

has successfully completed

**Neural Network from Scratch in TensorFlow**

an online non-credit project authorized by Coursera Project Network and offered through  
Coursera



Amit Yekar  
Instructor  
Machine Learning and Data Science

PROJECT  
CERTIFICATE



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participation in the project.



**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR

**coursera**  
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network

May 24, 2020

**Pravin Sonwane**

has successfully completed

**Machine Learning Pipelines with Azure ML Studio**

an online non-credit project authorized by Coursera Project Network and offered through Coursera



Snehan Kekre  
Instructor  
Machine Learning and Data Science

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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR





May 25, 2020

**Pravin Sonwane**

has successfully completed

**Building a Calculator using C# in Visual Studio**

an online non-credit project authorized by Coursera Project Network and offered through Coursera

*Mark Veljkou*

Mark Veljkou  
Director of Education Business, SkillUp Technologies

PROJECT  
CERTIFICATE



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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR





COURSE  
CERTIFICATE

06/03/2020

**DINESH CHAND GUPTA**

has successfully completed

**Introduction to the Internet of Things and  
Embedded Systems**

an online non-credit course authorized by University of California, Irvine and offered  
through Coursera



Ian Harris  
Professor  
Department of Computer Science

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Coursera has confirmed the identity of this individual and  
their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Sitapura, JAIPUR



YONSEI  
UNIVERSITY

06/07/2020

DINESH CHAND GUPTA

has successfully completed

IoT (Internet of Things) Wireless & Cloud  
Computing Emerging Technologies

an online non-credit course authorized by Yonsei University and offered through  
Coursera

Inag-Moon Chang  
Professor, School of Electrical & Electronic Engineering  
Director, Communications & Networking Laboratory

COURSE  
CERTIFICATE



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their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



06/07/2020

**DINESH CHAND GUPTA**

has successfully completed

**Introduction to Architecting Smart IoT Devices**

an online non-credit course authorized by EIT Digital and offered through Coursera

Internet of Things Through Embedded Systems  
Architecting Smart Internet of Things Devices

**COURSE  
CERTIFICATE**



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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Sitapura, JAIPUR



05/18/2020

**MANISH DUBEY**

has successfully completed

**Software Processes and Agile Practices**

an online non-credit course authorized by University of Alberta and offered through  
Coursera

*Kenny Wang*

Kenny Wang,  
Associate Professor  
Computing Science, Faculty of Science

**COURSE  
CERTIFICATE**



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their participation in the course.

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR



05/18/2020

**MANISH DUBEY**

has successfully completed

**Cloud Computing Basics (Cloud 101)**

an online non-credit course authorized by LearnQuest and offered through Coursera



**COURSE  
CERTIFICATE**



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Coursera has confirmed the identity of this individual and  
their participation in the course.

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Sikapura, JAIPUR



**UC San Diego**

05/25/2020

**MANISH DUBEY**

has successfully completed

**Introduction to Big Data**

an online non-credit course authorized by University of California San Diego and  
offered through Coursera

**COURSE  
CERTIFICATE**



Ilkay Altintas  
Chief Data Science Officer  
San Diego Supercomputer Center

Amarnath Gupta  
Research Scientist  
San Diego Supercomputer Center

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their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR



05/26/2020

**MANISH DUBEY**

has successfully completed

**Introduction to Cloud Identity**

an online non-credit course authorized by Google Cloud and offered through Coursera

*Google Cloud Training*

**COURSE  
CERTIFICATE**



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their participation in the course.

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



06/15/2020

**MANISH DUBEY**

has successfully completed

**Python Basics**

an online non-credit course authorized by University of Michigan and offered through Coursera

Paul Rasmick  
Stephen Onye  
Jaclyn Cohen

**COURSE  
CERTIFICATE**



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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



06/27/2020

**MANISH DUBEY**

has successfully completed

**Introduction to Cybersecurity Tools & Cyber Attacks**

an online non-credit course authorized by IBM and offered through Coursera

*Coreen Ryskamp*

Coreen Ryskamp  
Program Manager  
IBM Security Learning Services

**COURSE  
CERTIFICATE**



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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



05/31/2020

**MUKESH KATARIA**

has successfully completed

**Introduction to Data Science in Python**

an online non-credit course authorized by University of Michigan and offered through Coursera

Christopher Brooks  
Research Assistant Professor  
School of Information

**COURSE  
CERTIFICATE**



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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR



**UC San Diego**

05/25/2020

**MUKESH KATARIA**

has successfully completed

**Introduction to Big Data**

an online non-credit course authorized by University of California San Diego and  
offered through Coursera

**COURSE  
CERTIFICATE**



A handwritten signature in black ink.

Ilkay Altintas  
Chief Data Science Officer  
San Diego Supercomputer Center

A handwritten signature in black ink.

Amarnath Gupta  
Research Scientist  
San Diego Supercomputer Center

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Coursera has confirmed the identity of this individual and  
their participation in the course.

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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Sikapura, JAIPUR



05/17/2020

**Neelam Chaplot**

has successfully completed

**AI For Everyone**

an online non-credit course authorized by deeplearning.ai and offered through Coursera

Adjunct Professor Andrew Ng  
Computer Science Department  
Stanford University

**COURSE  
CERTIFICATE**



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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Sikapura, JAIPUR



05/30/2020

**Neelam Chaplot**

has successfully completed

**Applied Machine Learning in Python**

an online non-credit course authorized by University of Michigan and offered through Coursera

Kervyn Collins-Thompson  
Associate Professor  
School of Information

**COURSE  
CERTIFICATE**



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Coursera has confirmed the identity of this individual and  
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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



05/19/2020

**Neelam Chaplot**

has successfully completed

**Introduction to Data Science in Python**

an online non-credit course authorized by University of Michigan and offered through Coursera

Christopher Brooks  
Research Assistant Professor  
School of Information

**COURSE  
CERTIFICATE**



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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR

**W** UNIVERSITY of WASHINGTON

Jun 7, 2020

**Neha Shrotriya**

has successfully completed

**Machine Learning: Classification**

a MOOC from the University of Washington and offered through Coursera

COURSE  
CERTIFICATE



*Emily Fox* *Carlos Guestrin*

Emily Fox  
Amazon Professor of Machine Learning  
Statistics

Carlos Guestrin  
Amazon Professor of Machine Learning  
Computer Science and Engineering

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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Sikapura, JAIPUR





May 22, 2020

**Neha Shrotriya**

has successfully completed

**AI For Everyone**

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

COURSE  
CERTIFICATE



A handwritten signature in blue ink, appearing to read 'Andrew Ng'.

Andrew Ng  
Founder, DeepLearning.AI  
Co-founder, Coursera

Verify at [coursera.org/verify/FVQ83N8A7BCU](https://coursera.org/verify/FVQ83N8A7BCU)

Coursera has confirmed the identity of this individual and their participation in the course.

A handwritten signature in blue ink, appearing to read 'Dr. Mahesh Bunde'.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director

Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



Jun 7, 2020

**Neha Shrotriya**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink, appearing to read 'Charles'.

Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



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Coursera has confirmed the identity of this individual and their participation in the course.

A handwritten signature in blue ink, appearing to read 'Dr. Mahesh Bunde'.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director

**Poornima College of Engineering**  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



05/23/2020

**NIKITA JAIN**

has successfully completed

**AI For Everyone**

an online non-credit course authorized by deeplearning.ai and offered through  
Coursera

Adjunct Professor Andrew Ng  
Computer Science Department  
Stanford University

**COURSE  
CERTIFICATE**



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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Sikapura, JAIPUR



05/19/2020

**Praveen Gupta**

has successfully completed

**Cloud Computing Basics (Cloud 101)**

an online non-credit course authorized by LearnQuest and offered through Coursera



**COURSE  
CERTIFICATE**



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their participation in the course.

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sikapura, JAIPUR





UNIVERSITY OF  
ALBERTA

05/15/2020

**Praveen Gupta**

has successfully completed

**Software Processes and Agile Practices**

an online non-credit course authorized by University of Alberta and offered through  
Coursera

*Kenny Wang*

Kenny Wang  
Associate Professor  
Computing Science, Faculty of Science

COURSE  
CERTIFICATE



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their participation in the course.

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR





05/06/2020

**PRAVEEN KUMAR YADAV**

has successfully completed

**Introduction to Data Science in Python**

an online non-credit course authorized by University of Michigan and offered through Coursera

Christopher Brooks  
Research Assistant Professor  
School of Information

**COURSE  
CERTIFICATE**



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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR

# Certificate of Completion

This is to certify that **Praveen Yadav** successfully completed 23.5 total hours of **Microsoft Power BI - A Complete Introduction [2020 EDITION]** online course on June 8, 2020

*Manuel Lorenz*  
Manuel Lorenz, Instructor

*Academind by Maximilian Schwarzmüller*  
Academind by Maximilian Schwarzmüller, Instructor

*Maximilian Schwarzmüller*  
Maximilian Schwarzmüller, Instructor



Certificate no: UC-c6527a13-314e-4cc1-a239-c828f3fc943b  
Certificate url: ude.my/UC-c6527a13-314e-4cc1-a239-c828f3fc943b

#BeAble

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



06/09/2020

**Rajkumar Jain**

has successfully completed

**Capstone: Retrieving, Processing, and Visualizing  
Data with Python**

an online non-credit course authorized by University of Michigan and offered through  
Coursera

Charles Severance  
Clinical Professor, School of Information  
University of Michigan

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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



05/21/2020

**Rajkumar Jain**

has successfully completed

**Python Data Structures**

an online non-credit course authorized by University of Michigan and offered through Coursera

Charles Severance  
Clinical Professor, School of Information  
University of Michigan

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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR





05/21/2020

**Reena Sharma**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera

Charles Severance  
Clinical Professor, School of Information  
University of Michigan

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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



**Duke**  
UNIVERSITY

05/18/2020

**Reena Sharma**

has successfully completed

**Introduction to Machine Learning**

an online non-credit course authorized by Duke University and offered through  
Coursera

*Genevieve M. Lipp*  
*Larry Carlin*

Genevieve M. Lipp  
David Carlson  
Lawrence Carlin

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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR



05/26/2020

**Reena Sharma**

has successfully completed

**AI For Everyone**

an online non-credit course authorized by deeplearning.ai and offered through Coursera

Adjunct Professor Andrew Ng  
Computer Science Department  
Stanford University

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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR



University of Colorado  
Boulder | Colorado Springs | Denver | Anschutz Medical Campus

05/16/2020

**Reena Sharma**

has successfully completed

**Fundamentals of Network Communication**

an online non-credit course authorized by University of Colorado System and offered through Coursera

*Xiaobo Zhou*

Xiaobo Zhou  
Professor, Interim Dean  
College of Engineering and Applied Sciences

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B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Sitapura, JAIPUR



06/10/2020

**Sakar Gupta**

has successfully completed

**Blockchain Basics**

an online non-credit course authorized by University at Buffalo and The State University of New York and offered through Coursera

Bina Ramamurthy  
Teaching Professor  
Computer Science and Engineering

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B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR



05/11/2020

**Sakar Gupta**

has successfully completed

**Cybersecurity and the Internet of Things**

an online non-credit course authorized by University System of Georgia and offered through Coursera

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*Traci Carter, Humayun Zafar, Herbert J. Matford, Ph.D., CISM, CISSP, COP, Mr. Andy Green*

Dr. Traci Carter, Dr. Humayun Zafar, Herbert J. Matford, Ph.D., CISM, CISSP, COP, Mr. Andy Green  
Information Systems  
University System of Georgia

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*Dr. Mahesh Bunde*  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR





05/27/2020

**Sakar Gupta**

has successfully completed

**Cybersecurity and Mobility**

an online non-credit course authorized by University System of Georgia and offered through Coursera

Dr. Traci Carte, Dr. Humayun Zafar, Herbert J. Matson, Ph.D., CISM, CISSP, CDP, Mr. Andy Green  
Information Systems  
University System of Georgia

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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR



05/12/2020

**Sakar Gupta**

has successfully completed

**Cybersecurity and Its Ten Domains**

an online non-credit course authorized by University System of Georgia and offered through Coursera

Dr. Humayun Zafar  
Department of Information Systems  
University System of Georgia

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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



University of Colorado

Boulder | Colorado Springs | Denver | Anschutz Medical Campus

05/16/2020

**Sakar Gupta**

has successfully completed

**Peer-to-Peer Protocols and Local Area Networks**

an online non-credit course authorized by University of Colorado System and offered through Coursera

*Xiaobo Zhou*

Xiaobo Zhou  
Professor, Interim Dean  
College of Engineering and Applied Sciences

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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



University of Colorado  
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05/18/2020

**Sakar Gupta**

has successfully completed

**Fundamentals of Network Communication**

an online non-credit course authorized by University of Colorado System and offered through Coursera

*Xiaobo Zhou*

Xiaobo Zhou  
Professor, Interim Dean  
College of Engineering and Applied Sciences

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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



**YONSEI**  
UNIVERSITY

05/24/2020

**Sakar Gupta**

has successfully completed

**Wireless Communications for Everybody**

an online non-credit course authorized by Yonsei University and offered through  
Coursera

*Thanghan Kim [Signature] Chan Byung Chae Song Kuk Kim*

Kwang-Soon Kim, Seong-Lyun Kim, Chan-Byoung Chae, Dae-Sik Hong, Song-Kuk Kim  
School of Electrical & Electronic Engineering & Integrated Technology  
Yonsei University

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their participation in the course.

*[Signature]*  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
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Don Tapscott  
Adjunct Professor

Alex Tapscott  
Co-founder  
Blockchain Research Institute

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participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR

**UC San Diego**

May 29, 2020

**Dr. Sanjay Bhargava**

has successfully completed

**Big Data Modeling and Management Systems**

an online non-credit course authorized by University of California San Diego and offered through Coursera

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A handwritten signature in black ink, reading "Ilkay Altintas".

Ilkay Altintas  
Chief Data Science Officer  
San Diego Supercomputer Center

Amanath Gupta  
Research Scientist  
San Diego Supercomputer Center

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Coursera has confirmed the identity of this individual and their participation in the course.

A handwritten signature in blue ink, reading "Dr. Mahesh Bunde".

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



University of Colorado  
Boulder | Colorado Springs | Denver | Anschutz Medical Campus

May 29, 2020

**Dr. Sanjay Bhargava**

has successfully completed

**Cyber Threats and Attack Vectors**

an online non-credit course authorized by University of Colorado System and offered through Coursera

Gong Williams  
Lecturer  
Department of Computer Science

COURSE  
CERTIFICATE



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B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR



University of Colorado

Boulder | Colorado Springs | Denver | Anschutz Medical Campus

May 30, 2020

**Dr. Sanjay Bhargava**

has successfully completed

**Introduction to Data Analytics for Business**

an online non-credit course authorized by University of Colorado Boulder and offered through Coursera

*David A. Torgerson*


David Torgerson

COURSE  
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B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
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**UC San Diego**

May 28, 2020

**Dr. Sanjay Bhargava**

has successfully completed

**Introduction to Big Data**

an online non-credit course authorized by University of California San Diego and offered through Coursera

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A handwritten signature in black ink, appearing to read "Arunesh Gupta".

Arunesh Gupta  
Chief Data Science Officer  
San Diego Supercomputer Center

Arjunesh Gupta  
Research Scientist  
San Diego Supercomputer Center

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Coursera has confirmed the identity of this individual and their participation in the course.

A handwritten signature in blue ink, appearing to read "Dr. Mahesh Bunde".  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR





University of Colorado  
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May 29, 2020

**Dr. Sanjay Bhargava**

has successfully completed

**Business Analytics for Decision Making**

an online non-credit course authorized by University of Colorado Boulder and offered through Coursera

Manuel Laguna  
MediaOne Professor of Management Science  
Leeds School of Business

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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR



05/12/2020

**Vishal Choudhary**

has successfully completed

**Google Cloud Platform Fundamentals: Core Infrastructure**

an online non-credit course authorized by Google Cloud and offered through Coursera

*Google Cloud Training*

**COURSE  
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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR

**Duke**  
UNIVERSITY

05/25/2020

**Vishal Choudhary**

has successfully completed

**Programming Foundations with JavaScript, HTML  
and CSS**

an online non-credit course authorized by Duke University and offered through  
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*Susan H. Rodger* *Robert Duvall* *Owen Astrachan* *Andrew D. Hilton*

Susan H. Rodger, Professor of the Practice, Computer Science  
Robert Duvall, Lecturer, Computer Science  
Owen Astrachan, Professor of the Practice, Computer Science  
Andrew D. Hilton, Assistant Professor of the Practice, Electrical and Computer Engineering

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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sikapura, JAIPUR



05/20/2020

**Vishal Choudhary**

has successfully completed

**Industrial IoT on Google Cloud Platform**

an online non-credit course authorized by Google Cloud and offered through Coursera

*Google Cloud Training*

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B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Sitapura, JAIPUR



May 20, 2021

**Archika Jain**

has successfully completed

**Getting Started with AWS Machine Learning**

an online non-credit course authorized by Amazon Web Services and offered through  
Coursera

Blaine Sundrud  
Senior Technical Trainer  
AWS Training and Certification

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B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR





05/29/2020

**Amol Saxena**

has successfully completed

**Introduction to Data Science in Python**

an online non-credit course authorized by University of Michigan and offered through Coursera

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Christopher Brooks  
Research Assistant Professor  
School of Information

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B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR

Stanford | ONLINE

11/15/2019

SHAZIA HAQUE

has successfully completed

Machine Learning

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Associate Professor Andrew Ng  
Computer Science Department  
Stanford University

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B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Sitapura, JAIPUR



06/05/2020

**Shazia Haque**

has successfully completed

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an online non-credit course authorized by University of Michigan and offered through Coursera

Paul Resnick  
Stephen Onye  
Jaclyn Cohen

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Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR



06/05/2020

**Shazia Haque**

has successfully completed

**Python Basics**

an online non-credit course authorized by University of Michigan and offered through Coursera

Paul Resnick  
Stephen Onye  
Jaclyn Cohen

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B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Sitapura, JAIPUR



06/06/2020

**Shazia Haque**

has successfully completed

**Data Collection and Processing with Python**

an online non-credit course authorized by University of Michigan and offered through Coursera

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CERTIFICATE**



*Paul Resnick*

Paul Resnick  
Michael D. Cohen Collegiate Professor  
School of Information

*Jaclyn Cohen*

Jaclyn Cohen  
Lecturer  
School of Information

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*Dr. Mahesh Bunde*  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR





06/06/2020

**Shazia Haque**

has successfully completed

**Python Functions, Files, and Dictionaries**

an online non-credit course authorized by University of Michigan and offered through Coursera

*Paul Resnick  
Stephen Onay  
Jaclyn Cohen*

Paul Resnick  
Stephen Onay  
Jaclyn Cohen

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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Sitapura, JAIPUR



06/06/2020

**Shazia Haque**

has successfully completed

**Python Classes and Inheritance**

an online non-credit course authorized by University of Michigan and offered through Coursera

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CERTIFICATE**



*Stephen Oney*

Steve Oney  
Assistant Professor  
School of Information

*Paul Resnick*

Paul Resnick  
Michael D. Caban Collegiate Professor  
School of Information

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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



May 17, 2020

**SEETA GUPTA**

has successfully completed

**Python Basics**

an online non-credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink, appearing to read 'Paul Rasmick'.

Paul Rasmick  
Stephen Onay  
Jaclyn Cohen

COURSE  
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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director

Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



Jun 4, 2020

SEETA GUPTA

has successfully completed

Python Functions, Files, and Dictionaries

an online non-credit course authorized by University of Michigan and offered through Coursera

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Stephen Onye  
Jaclyn Cohen

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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR





Jun 6, 2020

SEETA GUPTA

has successfully completed

Python Classes and Inheritance

an online non-credit course authorized by University of Michigan and offered through Coursera

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CERTIFICATE



*Stephen Oney Paul Resnick*

Steve Oney  
Assistant Professor  
School of Information

Paul Resnick  
Michael D. Coker Collegiate Professor  
School of Information

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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR





Jun 8, 2020

**SEETA GUPTA**

has successfully completed

**Python Project: pillow, tesseract, and opencv**

an online non-credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink, likely belonging to Christopher Brooks.


Christopher Brooks  
Research Assistant Professor  
School of Information

COURSE  
CERTIFICATE



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**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
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Jun 6, 2020

**SEETA GUPTA**

has successfully completed

**Data Collection and Processing with Python**

an online non-credit course authorized by University of Michigan and offered through Coursera

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*Paul Resnick* *Jaclyn Cohen*

Paul Resnick  
Michael D. Cohen Collegiate Professor  
School of Information

Jaclyn Cohen  
Lecturer  
School of Information

Verify at [coursera.org/verify/U48ZRNEC9BML](https://coursera.org/verify/U48ZRNEC9BML)

Coursera has confirmed the identity of this individual and their participation in the course.

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Sitapura, JAIPUR

**UCI** University of  
California, Irvine

06/05/2020

**SAURABH ANAND**

has successfully completed

**Introduction to the Internet of Things and  
Embedded Systems**

an online non-credit course authorized by University of California, Irvine and offered  
through Coursera



Ian Harris  
Professor  
Department of Computer Science

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/G5jENDY5QBUE](https://coursera.org/verify/G5jENDY5QBUE)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sikapura, JAIPUR



06/07/2020

**SAURABH ANAND**

has successfully completed

**Introduction to Architecting Smart IoT Devices**

an online non-credit course authorized by IIT Digital and offered through Coursera

Internet of Things through Embedded Systems  
Architecting Smart Internet of Things Devices

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/7NF56XGDEA9Z](https://coursera.org/verify/7NF56XGDEA9Z).  
Coursera has confirmed the identity of this individual and  
their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



**YONSEI**  
UNIVERSITY

06/08/2020

**SAURABH ANAND**

has successfully completed

**IoT (Internet of Things) Wireless & Cloud  
Computing Emerging Technologies**

an online non-credit course authorized by Yonsei University and offered through  
Coursera

Jong-Moon Chung  
Professor, School of Electrical & Electronic Engineering  
Director, Communications & Networking Laboratory

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/BZA5GQHPQPVW](https://coursera.org/verify/BZA5GQHPQPVW)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR





COURSE  
CERTIFICATE

06/05/2020

**DINESH CHAND GUPTA**

has successfully completed

**Introduction to the Internet of Things and  
Embedded Systems**

an online non-credit course authorized by University of California, Irvine and offered  
through Coursera



Ian Harris  
Professor  
Department of Computer Science

Verify at [coursera.org/verify/VFVAR8gXJJRL](https://coursera.org/verify/VFVAR8gXJJRL)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR

# Certificate of Completion

This is to certify that **Shirish Nagar** successfully completed 12 total hours of **Python 3 Network Programming - Build 5 Network Applications** online course on June 5, 2020

*Mihai Catalin Teodosiu, Python Developer*    *Python Tutorial IO*  
Mihai Catalin Teodosiu, Python Developer, Instructor    PythonTutorial IO, Instructor



Certificate no: UC-74b3068c-e653-43fa-877c-37ddb0f2a458  
Certificate url: [udemy.com/UC-74b3068c-e653-43fa-877c-37ddb0f2a458](https://udemy.com/UC-74b3068c-e653-43fa-877c-37ddb0f2a458)

#BeAble

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Sikapura, JAIPUR



THE UNIVERSITY OF  
**CHICAGO**

06/05/2020

**Shirish Nagar**

has successfully completed

**Software Defined Networking**

an online non-credit course authorized by The University of Chicago and offered through Coursera

Professor Nick Feamster  
Neuhar Professor  
Department of Computer Science  
University of Chicago

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/PEQQYDVZH53B](https://coursera.org/verify/PEQQYDVZH53B)

Coursera has confirmed the identity of this individual and their participation in the course.

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR

**UC San Diego**

05/27/2020

**MUKESH CHAND**

has successfully completed

**Internet of Things: Communication Technologies**

an online non-credit course authorized by University of California San Diego and  
offered through Coursera

**COURSE  
CERTIFICATE**



A handwritten signature in black ink.

Ganesh Chockalingam  
Qualcomm Institute of Calitz

A handwritten signature in black ink.

Hari Garudatri  
Qualcomm Institute

Verify at [coursera.org/verify/5YFZ8XPK94EJ](https://coursera.org/verify/5YFZ8XPK94EJ)

Coursera has confirmed the identity of this individual and  
their participation in the course.

A handwritten signature in blue ink.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Sikapura, JAIPUR





05/14/2020

**MUKESH CHAND**

has successfully completed

**Introduction to the Internet of Things and  
Embedded Systems**

an online non-credit course authorized by University of California, Irvine and offered  
through Coursera.

Ian Harris  
Professor  
Department of Computer Science

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/BDTCV7DYLP2U](https://coursera.org/verify/BDTCV7DYLP2U)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



**UCI** University of  
California, Irvine

05/25/2020

**MUKESH CHAND**

has successfully completed

**The Arduino Platform and C Programming**

an online non-credit course authorized by University of California, Irvine and offered  
through Coursera

  
Ian Harris  
Professor  
Department of Computer Science

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/QKYGN8VDJR8K](https://coursera.org/verify/QKYGN8VDJR8K)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



05/28/2020

**MUKESH CHAND**

has successfully completed

**Control of Mobile Robots**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

Magnus Ekenstedt  
Professor  
School of Electrical and Computer Engineering  
College of Engineering  
Georgia Institute of Technology

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/TZJPZYMM75BF](https://coursera.org/verify/TZJPZYMM75BF)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



University of Colorado

Boulder | Colorado Springs | Denver | Anschutz Medical Campus

05/26/2020

**MUKESH CHAND**

has successfully completed

**Industrial IoT Markets and Security**

an online non-credit course authorized by University of Colorado Boulder and offered through Coursera

David Shuler  
Professor Adjunct  
Electrical, Computer, and Energy Engineering  
University of Colorado Boulder

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/FHFHQVWMRJYH](https://coursera.org/verify/FHFHQVWMRJYH)

Coursera has confirmed the identity of this individual and their participation in the course.

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR



## SWAYAM ONLINE COURSE CERTIFICATION

*This Certificate is awarded to*  
**MEENA TEKRIWAL**  
*for successfully completing the 4 credit course*  
**SOLID AND HAZARDOUS WASTE MANAGEMENT**  
*(offered by Prof. V. K. Garg Professor, Centre for Environmental Science and*  
**Technology, Central university of Punjab, Bathinda, Punjab )**  
*with a consolidated score of 60% marks*  
*in the proctored examination held on 23-05-2019*



Roll No.: 2657585

Dr. (Mrs) Pankaj Mittal  
Additional Secretary, UGC  
National Coordinator

Sh. Kanwal Pal Singh  
Controller of Examination  
Central university of Punjab

Date of Issue: 25-06-2019

To validate and check scores visit: <https://swayam.gov.in/>

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR



## SWAYAM ONLINE COURSE CERTIFICATION

*This Certificate is awarded to*  
**REKHA NAIR**  
*for successfully completing the 4 credit course*  
**SOLID AND HAZARDOUS WASTE MANAGEMENT**  
*(offered by Prof. V. K. Garg, Professor, Centre for Environmental Science and Technology, Central university of Punjab, Bathinda, Punjab )*  
*with a consolidated score of 59% marks*  
*in the proctored examination held on 23-05-2019*



Roll No.: 384384

Dr. (Mrs) Pankaj Mittal  
Additional Secretary, UGC  
National Coordinator

Shri Kanwal Pal Singh  
Controller of Examination  
Central university of Punjab

Date of Issue: 25-06-2019

To validate and check scores visit: <https://swayam.gov.in/>

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, FIICO Institutional Area  
Silapura, JAIPUR





# NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DR. SHUCHI DAVE**

for successfully completing the course

**Teaching And Learning in Engineering (TALE)**

with a consolidated score of **53 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Feb-Mar 2019)

Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL19GE04S41480038

To validate and check scores: <http://npTEL.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poonima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**Sanjay Kumawat**

for successfully completing the course

**Product Design and Innovation**

with a consolidated score of **76 %**

Online Assignments	20.50/25	Proctored Exam	55.5/75
--------------------	----------	----------------	---------

Prof. Sunil Khijwania  
Head, Center for Educational Technology  
NPTEL Coordinator, IIT Guwahati

Total number of candidates certified in this course: **422**

**Aug-Sep 2018**  
(4 week course)



Indian Institute of Technology Guwahati



Roll No: NPTEL18DE02S11370045

To validate and check scores: <http://nptel.ac.in/noc>

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHAIENDRA KASERA**

for successfully completing the course

## Introduction to Fluid Mechanics

with a consolidated score of **53** %

Online Assignments	18.34/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **332**

Jan-Apr 2019  
(12 week course)

A. Goswami

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME15S61480109

To validate and check scores: <http://nptel.ac.in/noc>

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**Ashabai Sanjay Kumawat**  
for successfully completing the course  
**Product Design and Innovation**  
with a consolidated score of **69 %**

Online Assignments	20.50/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Prof. Sunil Khijwania  
Head, Center for Educational Technology  
NPTEL Coordinator, IIT Guwahati

Total number of candidates certified in this course: **422**

Aug-Sep 2018  
(4 week course)



Indian Institute of Technology Guwahati



Roll No: NPTEL18DE02S11370126

To validate and check scores: <http://nptel.ac.in/noc>

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR



# NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHAZIA HAQUE**

for successfully completing the course  
**Joy of Computing Using Python**

with a consolidated score of **87 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Jan-Apr 2019)

Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL19CS09S61480298

To validate and check scores: <http://nptel.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR





Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHAZIA HAQUE**

for successfully completing the course

**Introduction to Internet of Things**

with a consolidated score of **74 %**

Online Assignments	23/25	Proctored Exam	51/75
--------------------	-------	----------------	-------

Prof. Anupam Basu  
NPTEL Coordinator  
IIT Kharagpur

Total number of candidates certified in this course: **3776**

**Jan-Apr 2018**  
**(12 week course)**

Prof. Adrijit Goswami  
Dean  
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18CS08S3410278

To validate and check scores: <http://nptel.ac.in/noc>

**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Silapura, JAIPUR

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sitapura, JAIPUR



**Dr. Mahesh Bunde**  
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Poornima College of Engineering  
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Sitapura, JAIPUR

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sikapura, JAIPUR