

**Faculty competencies in correlation to the MOOC Courses for the Academic Year 2020-21**

S.No	Name of the Faculty	Name of the Course	Platform	Academic Year
1	Ms. Kavitha Chenna Reddy	Introduction to Research	NPTEL	2020-21
2	Mr. Kodandapani D	Fundamentals of Electric Vehicles: Technology & Economics	NPTEL	2020-21
3	Ms. Karthika M	Introduction to Smart Grid	NPTEL	2020-21
4	Mr. Sunil S K	Introduction to Smart Grid	NPTEL	2020-21
5	Dr. Prabhakaran N	Advances in UHV Transmission and Distribution	NPTEL	2020-21
6	Mr. Muni Prakash T	DC Microgrid and Control System	NPTEL	2020-21
7	Mr. Muni Prakash T	Introduction to Smart Grid	NPTEL	2020-21
8	Ms. Anitha A	Introduction to Smart Grid	NPTEL	2020-21
9	Dr. Gunapriya B	Motors and Motor Control Circuits	Coursera	2020-21
10	Dr. Vinoth Kumar K	Plastic Electronics	Coursera	2020-21
11	Dr. Vinoth Kumar K	Electrodynamics: Electric and Magnetic Fields	Coursera	2020-21
12	Dr. Vinoth Kumar K	Introduction to Solar Cells	Coursera	2020-21
13	Dr. Vinoth Kumar K	Motors and Motor Control Circuits	Coursera	2020-21
14	Dr. Vinoth Kumar K	Solar Energy Basics	Coursera	2020-21
15	Dr. Gunapriya B	Solar Energy Systems Overview	Coursera	2020-21
16	Mr. Kartheek Vankadara	Python for Everybody	Coursera	2020-21
17	Mr. Kartheek Vankadara	Introduction to CSS <sub>3</sub>	Coursera	2020-21
18	Mr. Kartheek Vankadara	Introduction to HTML <sub>5</sub>	Coursera	2020-21
19	Dr. Vinoth Kumar K	High-Density Medium-Voltage SiC-based Modular Power Converters for Naval Applications — Challenges and Solutions	IEEE Continuing Education	2020-21
20	Dr. Vinoth Kumar K	Reliability of Modern Power Electronic based Power Systems	IEEE Continuing Education	2020-21
21	Dr. Vinoth Kumar K	Is the electrical distribution ready for a revolution?	IEEE Continuing Education	2020-21
22	Dr. Vinoth Kumar K	A Holistic Approach to Battery Modeling and State Estimation	IEEE Continuing Education	2020-21
23	Dr. Vinoth Kumar K	Advanced Modeling Approach for Magnetic Material and Components	IEEE Continuing Education	2020-21
24	Ms. Roopa C	Smart Grid Technology	IEEE Continuing Education	2020-21
25	Ms. Kavitha Chenna Reddy	Smart Grid Technology	IEEE Continuing Education	2020-21
26	Mr. Vinod Kumar S	Geospatial Inputs for Enabling Master Plan Formulation	Indian Institute of Remote Sensing	2020-21