



JSS MAHAVIDYAPEETHA
JSS ACADEMY OF TECHNICAL EDUCATION
JSSATE Campus, Uttarahalli – Kengeri Main Road, Bengaluru – 560060
Department of Physics

Innovations by the Faculty in Teaching and Learning

Academic year: 2021-22

The following faculties have undergone courses through NPTEL

#	Faculty	Area
01	Dr.Nityanand Choudhary	Solid state Physics
02	Dr.S.Prasanna Kumar	Structural analysis of nanomaterials
03	Dr.R.Shashidhar	Solid state Physics
04	Dr.Abhilasha Singh	Solid state Physics

Academic year: 2020-21

The following faculties have undergone courses through NPTEL

#	Faculty	Area
01	Dr.Nityanand Choudhary	Solar Photovoltaics Fundamentals, Technology And Applications
02	Dr.S.Prasanna Kumar	Optical sensors, lasers, fundamentals and applications
03	Dr.R.Shashidhar	Solar Photovoltaics Fundamentals, Technology And Applications
04	Dr.Abhilasha Singh	Solar Photovoltaics Fundamentals, Technology And Applications,
05	Mrs.Sushma K C	Solar Photovoltaics Fundamentals, Technology And Applications

Academic year: 2019-20

The following faculties have undergone courses through NPTEL

#	Faculty	Area
01	Dr.Nityanand Choudhary	Python for Data Sciences, Solar Photovoltaics Fundamentals, Technology And Applications
02	Dr.R.Shashidhar	Selection Of Nano materials For Energy Harvesting And Storage Application,
03	Dr.Abhilasha Singh	Numerical methods and Simulation techniques for Scientist and Engineers,
04	Mrs.Sushma K C	Optical Sensors,

+The following faculties have undergone courses through COURSERA

#	Faculty	Area
01	Dr.Nityanand Choudhary	HTML,CSS and java script for web developer
02	Dr.S.Prasanna Kumar	From the Big Bang to dark Energy, Astronomy: Exploring Time and Space, Particle Physics An Introduction
03	Dr.R.Shashidhar	Semiconductor Physics
04	Dr.Abhilasha Singh	Semiconductor Physics

Knowledge gained through NPTEL and COURSERA courses has been very much useful in teaching students and also enhanced our research skills.