

## Faculty Development Program/ Workshops/ Trainings

### FDP/WORKSHOPS/TRAININGS ORGANIZED

Activity Title	Year	Number of Participants	Coordinator
One Day workshop on “ Docker:A FOSS Virtualization Tools “	2021	80	Dr.A.J.Umbarkar/Miss.A.M.Khot
One Day workshop on “ Docker:A FOSS Virtualization Techniques “	2020	75	Dr.A.J.Umbarkar/Miss.A.M.Khot
Network Design Ideathon Competition (NDI), Dec-2020	2020	40	Dr.A.J.Umbarkar/ Mr. A. R. Surve
One Day workshop on “ Docker:A FOSS Virtualization Technique “	2019	68	Dr.A.J.Umbarkar/Miss.A.M.Khot
One Day workshop on “ Software Testing : A Practical Approach	2019	68	Miss.A.M.Khot
One Day workshop on Android Programming	2019	75	Miss.A.M.Khot

### FACULTY DEVELOPMENT PROGRAM ATTENDED

#### AY 2021-22

Faculty Name	Activity Title	Dates	FDP	Conducted by
Dr. A. J. Umbarkar	Patent law for engineer and scientist	NPTEL Online certification	2021-22	MHRD, IIT Madras
Dr. A. J. Umbarkar	Patent drafting foe beginners	NPTEL Online certification	2021-22	MHRD, IIT Madras
Dr. A. J. Umbarkar	Roadmap to patent creation	NPTEL Online certification	2021-22	MHRD, IIT Madras
Dr. A. J. Umbarkar	Innovation by design	NPTEL Online certification	2021-22	MHRD, IIT Madras

#### AY 2020-21

<b>Faculty Name</b>	<b>Activity Title</b>	<b>Dates</b>	<b>FDP</b>	<b>Conducted by</b>
U. B. Chavan	R Programming	27th Apr- 2nd May 2020	FDP	PVPP, Mumbai
A. M. Khot	PHP and MySQL	8th May- 13th May 2020	FDP	VIT Nasik
V. A. Kamble	PHP and MySQL	8th May- 13th May 2020	FDP	VIT, Nasik
B. S. Shetty	PHP and MySQL	8th May- 13th May 2020	FDP	VIT, Nasik
T. A. Mulla	Swift(ios) Programming Language	12th-16th May 2020	FDP	MET, Nasik
Dr. S. P. Sonavane	Examination Reforms	22nd-25th April 2020	FDP	AICTE
A. D. Shinde	Outcome based Education Software	04th June 2020	FDP	Vmedulife Soft. Services
Dr. A. J. Umbarkar	Engineering Education & the Industry: A Post COVID-19 Perspective	1st-5th June 2020	FDP	RGIT, Mumbai
T. A. Mulla	Augmented Reality (AR)/ Virtual Reality (VR)	16th-20th June 2020	Online FDP	AICTE
Dr. D. B. Kulkarni	Cyber Security and Cyber Law	30th Jun-4th July 2020	Online FDP	LTCE, Mumbai
U. B. Chavan	Recent Trends in Data Science	01st-05th July 2020	FDP	THEEM
U. B. Chavan	Machine Learning and Application Areas	7th-10th June 2020	FDP	KITCOE, Kolhapur
Dr. P. K. Kharat	MANAGING ONLINE CLASSES and CO-CREATING MOOCS	20th April to 6th May 2020	FDP	MHRD
Dr. P. K. Kharat	RECENT ADVANCES IN AUTOMATION AND NETWORKING	18th to 20th June 2020	FDP	TEQIP-NPIU
Dr. P. K. Kharat	Moodle Learning Management System	13th to 17th May 2020	FDP	Spoken, IITB
Dr. P. K. Kharat	Arduino	28th April to 4th May 2020	FDP	Spoken, IITB
Dr. P. K. Kharat	Advances in Internet Of Things	29th May to 2nd June 2020	FDP	Fr.CRCBandra
Dr. P. K. Kharat	AICTE Examination Reforms	22nd-25th April 2020	FDP	AICTE
Dr. R. R. Rathod	Outcome based Education: A Step towards Excellence	11 <sup>th</sup> -15 <sup>th</sup> May 2020	FDP	AICTE Margadarshan Scheme @ GCE Karad

**AY 2019-20**

<b>Faculty Name</b>	<b>Activity Title</b>	<b>Dates</b>	<b>FDP</b>	<b>Conducted by</b>
Dr. R. R. Rathod	Effective Enginnering Teaching in Practice	Jan-Feb 2020	NPTEL Certification	IITM
Dr. R. R. Rathod	Geographic Information System	Jan-Apr 2020	NPTEL Certification	IITM
Dr. R. R. Rathod	Raodmap for Patent Creation	Jan-Mar 2020	NPTEL Certification	IITM
U. B. Chavan	Python for Data Science	Jan-Feb 2020	NPTEL Certification	IITM
Dr. P. K. Kharat	Introduction to Industry 4.0 and IoT	Jan to April 202	NPTEL Certification	IIT KGP
Dr. P. K. Kharat	Effective Enginnering Teaching in Practice	Jan-Feb 2020	NPTEL Certification	IITM

**AY 2018-19**

<b>Faculty Name</b>	<b>Activity Title</b>	<b>Dates</b>	<b>FDP</b>	<b>Conducted by</b>
Miss A M Khot	Network Technologies for Smart Application	27th Sep to 1st Oct 2018	FDP	
Miss A M Khot	Fundamental of Robotics and Artificial Intelligence at IIT Guwahati	4-8 Feb 2019	FDP	IIT Guwahati
Mr. M. G. Rathi	Network Technologies for Smart Application	27th Sep to 1st Oct 2018	FDP	WCE, Sangli
Mr. U. B. Chavan	Artificial Intelligence and Deep Learning	11-13 Aug 2018	FDP	KLE, Hubballi
Mr. M. B. Narnaware	Research Methodology	2 - 8 Nov 2015	FDP	VNIT Nagpur
Mr. U B Chavan	TEQIP-III Deep Learning Application	18 June 19 to 22 June	FDP	SVNIT Surat

**AY 2017-18**

<b>Faculty Name</b>	<b>Activity Title</b>	<b>Dates</b>	<b>FDP</b>	<b>Conducted by</b>
Mr. M. B. Narnaware	Advanced in Cyber Security	4-8 Dec 2017	FDP	VNIT Nagpur
Dr. R. R. Rathod	MATLAB Applications in Science & Technology	5-9 Feb 2018	FDP	GP Karad

**WORKSHOP/ TRAININGS****AY 2021-22**

<b>Faculty Name</b>	<b>Activity Title</b>	<b>Dates</b>	<b>Workshop</b>	<b>Conducted</b>
Dr. A. J. Umbarkar	Patent law for engineer and scientist	NPTEL Online certification	NPTEL	2021-22
Dr. A. J. Umbarkar	Patent drafting foe beginners	NPTEL Online certification	NPTEL	2021-22
Dr. A. J. Umbarkar	Roadmap to patent creation	NPTEL Online certification	NPTEL	2021-22
Dr. A. J. Umbarkar	Innovation by design	NPTEL Online certification	NPTEL	2021-22

**AY 2020-21**

<b>Faculty Name</b>	<b>Activity Title</b>	<b>Dates</b>	<b>Workshop</b>	<b>Conducted</b>
Dr. Ravindra R. Rathod	Five days' workshop on "ERDAS IMAGINE-2020 Remote Sensing and Image Processing Software"	24th-28th August, 2020	One week workshop	Walchand College of Engineering (WCE), Sangli
Dr. Ravindra R. Rathod	Short-term course on "Recent Advancements in Software Development Practices, Artificial Intelligence and Communication	30 <sup>th</sup> Nov. to 04 <sup>th</sup> Dec.2020	One week workshop	Indian Institute of Technology Roorkee.

	Technologies: Digital India Perspectives"			
Tahseen A. Mulla	Online FDP on "Machine Learning and Pattern Recognition"	18 <sup>th</sup> Jan. to 22 <sup>nd</sup> Jan 2021	One week workshop	MET's Institute of Engineering Scored 22/30
Tahseen A. Mulla	Online FDP on "AI-Machine Learning & Optimization"	1 <sup>st</sup> Feb. to 5 <sup>th</sup> Feb. 2021	One week workshop	Indian Institute of Information Technology Allahabad Scored 32/50
Mayur Govind Rathi	Online FDP on "Block chain"	4 <sup>th</sup> Jan to 8 <sup>th</sup> Jan 2021	One week workshop	IPS Academy, Institute of Engineering & Science, Indore
Dr. P. K. Kharat	IoT Technology Solution	14 <sup>th</sup> Dec to 18 Dec 2020	One week workshop	WCE, Sangli
Umesh Balkrishna Chavan	Short Term Training Program on "GPU COMPUTING"	26 <sup>th</sup> to 31 <sup>st</sup> October 2020	One week workshop	Vishwakarma Institute Of Technology, Pune

### AY 2019-20

Faculty Name	Activity Title	Dates	Workshop	Conducted by
Dr. A. J. Umbarkar	AICTE -STTP on "IT for Sustainability"	15.06.20 to 26.06.20 (Two week)	Two week workshop	Thakur Institute of Management Studies, Career Development & Research, Mumbai
Dr. A. J. Umbarkar	Internet of Things (IoT) & It's Applications in Industry	08 to 12.06.2020 (One week)	One week workshop	RAIT, Nerul Navi Mumbai
Dr. A. J. Umbarkar	"Engineering Education and the Industry: A Post COVID-19 Perspective"	01.06.20 to 05.06.20 (One week)	One week workshop	MCT's Rajiv Gandhi Institute of Technology, Mumbai
Dr. A. J. Umbarkar	SaaS : Software as service	5-7 June 2020	2 days workshop	CSE Dept of ADCET, Ashta
Dr. A. J. Umbarkar	Google Go Programming	23rd to 27th June 2020	One week workshop	Dept. of CSE KITCOE kolhapur

Dr. RAVINDRA RATHOD	one week online Faculty Development Program on "OUTCOME BASED EDUCATION: A STEP TOWARDS EXCELLENCE"	11-15 May 2020	One week workshop	Government College of Engineering, Karad
Dr. S. P. Sonavane	Digital Transformation in Teaching learning Process	6th Apr- 22nd Apr 2020	Workshop (2 Week)	IIT Bombay
A. M. Khot	Digital Transformation in Teaching learning Process	6th Apr- 22nd Apr 2020	Workshop (2 Week)	Swayam IIT Bombay
A. A. Urunkar	Digital Transformation in Teaching learning Process	6th Apr- 22nd Apr 2020	Workshop (2 Week)	IIT Bombay
A. D. Shinde	Intellectual Property Rights	10th-11th Apr 2020	Workshop	IPPO, PDPU
Dr. S. P. Sonavane	Journal Citation Reports Certification	3rd June 2020	Workshop	South Asia Science Group
Dr. S. P. Sonavane	Publons Academy Practical Peer Review course	29th May 2020	Workshop	Publons Academy
Dr. D. B. Kulkarni	Effective and Efficient Online Teaching in the Age of Corona, A Hands On Workshop	24th May 2020	Workshop	IIT Bombay
A. M. Khot	Effective and Efficient Online Teaching in the Age of Corona, A Hands On Workshop	24th May 2020	Workshop	IIT Bombay
M. B. Narnaware	NPTEL online certification course on "Deep Learning"	Jan-Apr 2020	Workshop (12 Week)	IIT Kharagpur
U. B. Chavan	Artificial Intelligence	22nd-26th May 2020	Workshop	Tirumala
U. B. Chavan	Recent Trends and Applications of Machine Learning and Deep Learning in IT	25th- 29th May 2020	Workshop	RAIT, Mumbai
U. B. Chavan	Python Basics, Machine Learning and Blockchain	8th - 13th June 2020	Workshop	KJSIEI, Mumbai

**AY 2018-19**

<b>Faculty Name</b>	<b>Activity Title</b>	<b>Dates</b>	<b>Workshop</b>	<b>Conducted by</b>
Mr. A. A. Urunkar, Ms. A. M. Khot, Ms. A. D. Shinde	Introduction to AI and ML for Developing IoT Applications	6-7 October, 2018	Workshop	WCE, Sangli
Mr. A. A. Urunkar, Ms. A. D. Shinde	Embedding Intelligence in IOT Edge" in association with IEEE, Computer Society	28th and 29th July 2018	Workshop	WCE, Sangli
Mr. U. B. Chavan	Artificial Intelligence and Machine Learning	12-14 January,2019	Workshop	WCE, Sangli
Dr. S. P. Sonavane	Fundamental of Robotics and Artificial Intelligence	4-8 Feb 2019	Training	
Mr. U. B. Chavan	Network Technologies for Smart Application	27th Sep to 1st Oct 2018	Workshop	
Mr. U. B. Chavan	Neural Language Processing	20-21 July 2018	Workshop	WCE Sangli
Mrs. B. S. Shetty	Network Technologies for Smart Application	27th Sep to 1st Oct 2018	Workshop	WCE Sangli
Mr. M. B. Narnaware	Natural Language Processing	20-21 July 2018	Workshop	WCE Sangli

**AY 2017-18**

<b>Faculty Name</b>	<b>Activity Title</b>	<b>Dates</b>	<b>Workshop</b>	<b>Conducted by</b>
Miss A M Khot, Mr. A.A.Urunkar, Dr. D. B. Kulkarni	5 Days FDP on Software Defined Network	23-27 December 2017	Workshop	WCE, Sangli
Mr. A.A.Urunkar	Workshop on Internet of Things	16th February 2018	Workshop	WCE Sangli
Dr. S. P. Sonavane	Big Data and Analytics	18-22 Dec. 2017	Training	Infosys Limited

Dr. D. B. Kulkarni	Intelligent Computing and Control Systems	14-15 June 2018		Vaigai, Madurai
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### NPTEL/Coursera Certificates

**2021-22**

Faculty Name	Activity Title	Dates	NPTEL/Coursera Certifications	Conducted by
Dr. A. J. Umbarkar	Patent law for engineer and scientist	NPTEL Online certification	NPTEL	2021-22
Dr. A. J. Umbarkar	Patent drafting for beginners	NPTEL Online certification	NPTEL	2021-22
Dr. A. J. Umbarkar	Roadmap to patent creation	NPTEL Online certification	NPTEL	2021-22
Dr. A. J. Umbarkar	Innovation by design	NPTEL Online certification	NPTEL	2021-22

**2020-21**

Faculty Name	Activity Title	Dates	NPTEL/Coursera Certifications	Conducted by
A. M. Khot	Applied Plotting, Charting & Data Representation in Python	10th May 2020	Coursera Certification	University of Michigan
A. M. Khot	Introduction to Data Science in Python	30th Apr 2020	Coursera Certification	University of Michigan
V. A. Kamble	AWS Fundamentals: Going Cloud Native	27th Apr 2020	Coursera Certification	Amazon Web Services
A. M. Khot	Applied Machine Learning in Python	17th May 2020	Coursera Certification	University of Michigan



A. D. Shinde	Programming for Everybody (Getting Started with Python)	17th May 2020	Coursera Certification	University of Michigan
Dr. S. P. Sonavane	Machine Learning for All	27th May 2020	Coursera Certification	University of London
Dr. S. P. Sonavane	Blockchain: Foundations and Use Cases	26th May 2020	Coursera Certification	ConsenSys Academy
A. M. Khot	Programming for Everybody (Getting Started with Python)	20th May 2020	Coursera Certification	University of Michigan
Dr. S. P. Sonavane	Powerful Tools for Teaching and Learning: Digital Storytelling	11 <sup>th</sup> Sept. 2020	Coursera Certification	University of Houston
Dr. S. P. Sonavane	Mathematical Foundations for Cryptography	4 <sup>th</sup> Sept. 2020	Coursera Certification	University of Colorado
Dr. S. P. Sonavane	Structuring Machine Learning Projects	9 <sup>th</sup> Aug. 2020	Coursera Certification	deeplearning.ai
Dr. S. P. Sonavane	Assessment in Higher Education: Professional Development for Teachers	30 <sup>th</sup> July 2020	Coursera Certification	Erasmus University Rotterdam
A. M. Khot	Applied Text Mining in Python	2nd June 2020	Coursera Certification	University of Michigan
Dr. S. P. Sonavane	Cryptography and Information Theory	07th June 2020	Coursera Certification	University of Colorado System
A. D. Shinde	The Data Scientist's Toolbox	17th June 2020	Coursera Certification	Johns Hopkins University
M. B. Narnaware	Basic Sentiment Analysis with TensorFlow	25th Apr 2020	Coursera Certification	Coursera Project Network
U. B. Chavan	Classification Trees in Python, From Start To Finish	22nd April 2020	Coursera Certification	Rhyme
U. B. Chavan	Excel Skills for Business: Essentials	17th May 2020	Coursera Certification	Macquarie University

U. B. Chavan	Facial Expression Recognition with Keras	1st June 2020	Coursera Certification	Coursera Project Network
Dr. P. K. Kharat	Profolio and Risk Management	12th May to 6th June 2020	Coursera Certification	Coursera
Dr. S. P. Sonavane	Information Systems Auditing, Controls and Assurance	15th July 2020	Coursera Certification	Hong Kong University of Science and Technology

### 2019-20

Faculty Name	Activity Title	Dates	NPTEL/Coursera Certifications	Conducted by
Dr. R. R. Rathod	Effective Enginnering Teaching in Practice	Jan-Feb 2020	NPTEL Certification	IITM
Dr. R. R. Rathod	Geographic Information System	Jan-Apr 2020	NPTEL Certification	IITM
Dr. R. R. Rathod	Raodmap for Patent Creation	Jan-Mar 2020	NPTEL Certification	IITM
U. B. Chavan	Python for Data Science	Jan-Feb 2020	NPTEL Certification	IITM
Dr. P. K. Kharat	Introduction to Industry 4.0 and IoT	Jan to April 202	NPTEL Certification	IIT KGP
Dr. P. K. Kharat	Effective Enginnering Teaching in Practice	Jan-Feb 2020	NPTEL Certification	IITM

### 2018-19

Faculty Name	Activity Title	Dates	NPTEL/Coursera Certifications	Conducted by
Mr. M. B. Narnaware	Introduction to TensorFlow for Artificial Intelligence	2018	Coursera Certification	DeepLearning.AI

Mr. M. B. Narnaware	Machine Learning	2018	Coursera Certification	Stanford University
Mr. M. B. Narnaware	Deep Learning	2018	Coursera Certification	DeepLearning.AI