

**TERNA PUBLIC CHARITABLE TRUST'S**  
**COLLEGE OF ENGINEERING, OSMANABAD**

(Approved by AICTE and Affiliated to Dr.BAMU, Aurangabad & Dr. BATU, Lonere)

**Solapur Road, Osmanabad – 413 501**

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**E-Academic Activity Report**

[Lockdown 1.0, 2.0, 3.0 & 4.0]

Of

**Electronics and Telecommunication Department**

**Presented By**

**Prof. A. P. Mane, H.O.D. (ECT)**



**Activities by**

*Faculties, Lab Assistants and Students*

TPCT's  
**College of Engineering, Osmanabad**

**Academic Year: 2019-2020 Sem.-II**

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## COVID-19 Pandemic Academic Activity Report

As of 14<sup>th</sup> March 2020, the Chief Minister of Maharashtra announced the lockdown of state due to COVID-19. We people were unknown about words like CORONA, Lockdown, preventive majors, and medicine etc. When the management took the decision of stopping biometric attendance, then and then only we realized first message that CORONA is spreading through close contact, spitting and sneezing. Meanwhile Principal Dr. V. V. Mane, took the decision of 20% of employees must be at working place and all students should leave the campus to reach their native places. Meanwhile we knew that Corona not only was spreading, but also started to have death in INDIA. To save people, Indian Government announced the complete lockdown of INDIA. Now each and everyone knew the danger of CORONA. In lockdown period, Govt. banned on wondering at roads, social places and police started to execute power against such persons. As an effect of that some employees were with their family at home.

College of Engineering, Osmanabad, acted not only to keep safe everyone in home, but also not to hamper college academics. So as per directions of Principal, faculties interacted students through smart phones by Whatsapp groups. They were circulated notes, videos etc. among class whatsapp groups. In pandemic situation COEO staff not only conducted academics, but also attended various online courses, webinar, seminars, workshops etc. The same platform was also provided to the students for e-certification courses. Some activities are still going on. Irrespective of this, many of the faculties are acting till today as volunteers in the mission against COVID-19, run by Honorable Rana Dadaji. The motto of this mission is to do social work by distributing masks, sanitizers, providing daily foods and whatever the possible facilities to helpless & poor persons trapped in lockdown situation in Osmanabad district.

With available resources the department have started online platform to students and faculties. According to which the learning plan was prepared and circulated to students on Whatsapp groups and same was executed daily since from 1<sup>st</sup> Apr 2020 to 3<sup>rd</sup> May 2020. The faculties also

started to teach through self-prepared videos, You tube videos, NPTEL video lectures, sharing PDF of notes, ppts, etc. Also faculty conducted ZOOM meeting as class room to interact with students. Some of them have conducted online class tests through Google forms and available resources. Meanwhile all staff of department has completed survey of students for appearing Mock Test for 12<sup>th</sup> science students & also appealing them for first year admission at College of Engineering, Osmanabad. The same procedure is also going on for DSE admission. During COVID-19 pandemic situation, department teaching & non-teaching staff, has taken efforts in order to reduce the students' academic loss. This report highlights the activity executed during 01/04/20 to 30/05/20.

# 1. Overview of Department Teaching Learning Activity:

Terna Public Charitable Trust's  
College of Engineering ,Osmanabad

## TERNA KNOWLEDGE CENTER

( Online Training Course Division )

Department of Electronics and Telecommunication  
Activity During COVID-19 Pandemics  
Lockdown 1.0 ,2.0, 3.0 & 4.0 ( 22 March-30 May 2020)  
Through



## 2. Learning Time Table:

In COVID-19 pandemic situation, E&TC department prepared special teaching plan for not to hamper academics. Departmental faculties were always in connection with students and conducted theory and practical classes as per schedule below through available resources such as whatsapp, Phones, Google forms, ZOOM meeting etc.

TPCT's College of Engineering, Osmanabad.

### Department of ECT

#### Time Table from 15/04/2020

Date	S.Y. B. Tech.		T.E.		B.E.	
	Online Lecture	Online test /YouTube/Difficulty solving on phone/Video lecture/pdf etc	Online Lecture	Online test /YouTube/Difficulty solving on phone/Video lecture/pdf etc	Online Lecture	Online test /YouTube/Difficulty solving on phone/Video lecture/pdf etc
	12.00 noon To 1.00 pm	1.00 pm To 2.00 pm	12.00 noon To 1.00 pm	1.00 pm To 2.00 pm	12.00 noon To 1.00 pm	1.00 pm To 2.00 pm
15/04/2020	MP PDP	MP PDP	ES LMD	ES LMD	WMC PSK	WMC PSK
16/04/2020	EM YAA	EM YAA	FCS VCM	FCS VCM	AT NVB	AT NVB
17/04/2020	ACE PSK	ACE PSK	PED SGS	PED SGS	CNS PBS	CNS PBS
20/04/2020	NM MVJ	NM MVJ	ECT NVB	ECT NVB	FOC APM	FOC APM
21/04/2020	CP SYB	CP SYB	IA PBS	IA PBS	WMC PSK	WMC PSK
22/04/2020	PDE VCM	PDE VCM	ES LMD	ES LMD	AT NVB	AT NVB
23/04/2020	MP PDP	MP PDP	PED SGS	PED SGS	CNS PBS	CNS PBS
24/04/2020	EM YAA	EM YAA	FCS VCM	FCS VCM	FOC APM	FOC APM
27/04/2020	ACE PSK	ACE PSK	ECT NVB	ECT NVB	FOC APM	FOC APM
28/04/2020	NM MVJ	NM MVJ	IA PBS	IA PBS	AT NVB	AT NVB
29/04/2020	CP SYB	CP SYB	FCS VCM	FCS VCM	WMC PSK	WMC PSK
30/04/2020	CS BSC	CS BSC	FCS VCM	FCS VCM	CNS PBS	CNS PBS

All should take online lectures through **ZOOM app** and after completion of lecture send **snap shot** of same to Dept WhatsApp.

**Prof A P Mane H.O.D. (ECT)**

### 3. Learning Plan:

The details of various academic activities conducted by each faculty for various classes of ECT Dept. during the Lockdown period are tabulated as below.

**Class: S.Y. B. Tech. (ECT)**  
 Subject: Microprocessor  
 Faculty: Prof. P D Paikrao  
 Duration: 1<sup>st</sup> April to 3<sup>rd</sup> May 2020

Sr. no	Date	Syllabus Unit/ Topic Covered -1,2...6	Unit/ Topic No.	Medium to Cover the Content of Remaining Syllabus	Assignment Date	Date of On line Test	Remark
1	01-04-2020	Assembling & Executing Assembly Language Programs	Unit. No. 3	PDF/video			
2	02-04-2020	Objective questions on MP programming	Unit. No. 3	PDF			
3	03-04-2020	Interrupt structure of 8085 microprocessor, processing of vectored and non-vectored interrupts,	Unit. No. 3	PDF/video		03-04-2020	
4	06-04-2020	latency time and response time; Handling multiple interrupts.	Unit. No. 4	PDF/video			
5	07-04-2020	Memory Interfacing, Interfacing with 8255 Programmable Peripheral Interface,	Unit. No. 4	PDF	07-04-2020		
6	08-04-2020	8254 Programmable Interval Timer,	Unit. No. 4	PDF		08-04-2020	
7	09-04-2020	8279 Display controller,	Unit. No. 5	PPT/PDF			
8	10-04-2020	Interrupt controller 8259.	Unit. No. 5	PDF/video		10-04-2020	
9	11-04-2020	Detail Architecture of 8086,	Unit. No. 5	PDF/video			
10	13-04-2020	Addressing Modes,	Unit. No. 5	PDF/video	13-04-2020	13-04-2020	
11	14-04-2020	Assembler directives,	Unit. No. 6	PDF/video			
12	15-04-2020	Co-Processor	Unit. No. 6	PDF/video		15-04-2020	

Subject: EMI  
Faculty: Prof Y A Ajmera  
Duration: 1<sup>st</sup> April to 3<sup>rd</sup> May 2020

Sr. no.	Date	Syllabus Unit/ Topic Covered - 1,2...6	Unit/ Topic No.	Medium to Cover the Content of Remaining Syllabus	Assignment Date	Date of On line Test	Remark
1	01-04-2020	servo motor, FHP motor	Unit. No. 3	PDF/video			
2	02-04-2020	hysteresis, repulsion, linear IM.	Unit. No. 3	PDF		02-04-2020	
3	03-04-2020	Classification selection of transducers strain gauges	Unit. No. 4	PDF/video			
4	06-04-2020	LVDT, Temperature transducers, piezoelectric	Unit. No. 4	PDF/video			
5	07-04-2020	photosensitive transducers, Hall Effect transducers, proximity devices	Unit. No. 4	PDF	07-04-2020		
6	08-04-2020	Measurement of vibration, electrical telemetry thickness, humidity	Unit. No. 5	PPT/PDF		08-04-2020	
7	09-04-2020	thermal conductivity and gas analysis smoke and fire detection	Unit. No. 5	PPT/PDF			
8	10-04-2020	burglar alarm, object counter	Unit. No. 5	PPT/PDF		10-04-2020	
9	11-04-2020	level measurement, on /off timers, RTC	Unit. No. 5	PPT/PDF			
10	13-04-2020	sound level meter, tachometer, VAW meter.	Unit. No. 5	PPT/PDF	13-04-2020	13-04-2020	
11	14-04-2020	Recorder X- Y plotters and its applications	Unit. No. 6	PPT/PDF			
12	15-04-2020	optical oscillograph.	Unit. No. 6	PPT/PDF		15-04-2020	

Subject: ACE  
Faculty: Prof P S Kolhe  
Duration: 1<sup>st</sup> April to 3<sup>rd</sup> May 2020

Sr. no.	Date	Syllabus Unit/ Topic Covered -1,2...6	Unit/ Topic No.	Medium to Cover the Content of Remaining Syllabus	Assign ment Date	Date of On line Test	Re mark
1	4-1-2020	mathematical analysis of FM&PM	Unit. No. 3	pdf/video			
2	4-2-2020	FM Generation methods	Unit. No. 3	—"—			
3	4-3-2020	comparison of AM FM &PM	Unit. No. 3	—"—		4-3-2020	
4	4-6-2020	performance Chara.of receiver	Unit. No. 4	PDF/vide o			
5	4-7-2020	TRF	Unit. No. 4	PDF	4-7-2020		
6	4-8-2020	Superheterodyne receiver	Unit. No. 4	PDF		4-8-2020	
7	4-9-2020	AM detector	Unit. No. 4	PPT/PDF			
8	4-10-2020	FM detector	Unit. No. 4	PDF/vide o		4-10-2020	
9	4-11-2020	Source of Noise classification	Unit. No. 5	PDF			
10	4-13-2020	SNR noise figure	Unit. No. 5	PDF/vide o	4-15-2020	4-13-2020	
11	4-14-2020	Basic antenna system it's parameter types Ionosphere	Unit. No. 6	PDF/vide o			
12	4-15-2020	wave propagation	BBC	PDF/vide o		4-15-2020	

Subject: NMCP  
Faculty: Prof M V Joshi/ Prof S Y Bansode  
Duration: 1<sup>st</sup> April to 3<sup>rd</sup> May 2020

Not submitted

Subject: PDE  
Faculty: Prof V C Maindargi  
Duration: 1<sup>st</sup> April to 3<sup>rd</sup> May 2020

Sr No	Date	Syllabus Unit/ Topic Covered -1,2...4	Unit/ Topic No.	Medium to Cover the Content of Remainin g Syllabus	Assign ment Date	Date of On line Test
1	1-4-2020	2.Ideation: Generation of ideas, Funnelling of ideas	U-2/T-1	PDF	7-4-2020	10-4-2020
2	2-4-2020	Sketching of products, Market research for need,	U-2/T-2	-"	-"	-"
3	3-4-2020	, competitions, scale and cost, Initial specifications of products.	U-2/T-3	-"	-"	-"
4	4 /4/2020	Computer aided 2D drafting and 3D Modeling through simple exercises.	U-3/T-4	-"	-"	-"
5	5-4-2020	Rendering the designs for 3-D visualization	U-3/T-5	#VALUE!	-"	-"
6	6-4-2020	Parametric modeling of product	U-3/T-6	-"	-"	-"
7	7 /4/2020	Detail Engineering drawings of components.	U-3/T-7	-"	-"	-"
8	8-4-2020	4.Detailing: Managing assembling, Product specifications- data Sheet,	U-4/T-8	PDF/PPT	15-4-2020	4-14-2020
9	9-4-2020	Simple mechanical designs, Workshop safety and health issues,	U-4/T-9	-"	-"	-"
10	10-4-2020	Create documents for knowledge sharing	U-4/T-10	-"	-"	-"
11	4-11-2020	Activity 1 Learn the basic vector sketching tools.	U-4/T-11	-"	-"	-"
12	12-4-2020	Activity 4 Create a basic shape objects sphere, box cylinders	U-activit y4/T-12	-"	-"	-"
13	13-4-2020	case studies of products in markets,	U-activit y/T-13	-"	-"	-"
14	14-4-2020	Problem solving approach for Product Design,	U-activit y/T-14	-"	-"	-"
15	15-4-2020	Product market and Product Specification Sheet	U-activit y/T-15	-"	-"	-"

**Class: T.E. (ECT)**  
 Subject: Embeded System  
 Faculty: Prof. L M Deshpande  
 Duration: 1<sup>st</sup> April to 3<sup>rd</sup> May 2020

Sr. no.	Date	Syllabus Unit/ Topic Covered -1,2...6	Unit/ Topic No.	Medium to Cover the Content of Remainin g Syllabus	Assign ment Date	Date of On line Test	Re ma rk
1	01-04-2020	PIC family PIC 10, PIC12, PIC16, PIC18	Unit. No. 1	PDF			
2	02-04-2020	PIC18F4550:Features	Unit. No. 1	PDF			
3	03-04-2020	PIC18 Series Architecture :	Unit. No. 1	PDF			
4	04-04-2020	Pin Details Description:	Unit. No. 1	PDF			
5	05-04-2020	Configuration bits For PIC18F4550	Unit. No. 1	PDF			
6	06-04-2020	PIC18F4550 Watchdog Timer	Unit. No. 1	PDF		06-04-2020	
7	07-04-2020	Timer PIC18F4550:	Unit. No. 1	PDF	07-04-2020		
8	08-04-2020	Port structure:	Unit. No. 1	PDF			
9	09-04-2020	LCD Interfacing:	Unit. No. 6	PDF			
10	10-04-2020	Digital-to-analog (DAC) converter:	Unit. No. 6	PDF			
11	11-04-2020	DC Motor Speed Control Using Arduino & PWM:	Unit. No. 6	PDF			
12	12-04-2020	Ultrasonic Sensor (HC-SR04):	Unit. No. 6	PDF			
13	13-04-2020	ESP8266 Arduino Interface	Unit. No. 6	PDF		13-04-2020	
14	14-04-2020	Serial Peripheral Interface (SPI) :	Unit. No. 6	PDF			
15	15-04-2020	The DHT11 Interfacing:	Unit. No. 6	PDF	14-04-2020		
		Infrared sensor:	Unit. No. 6	PDF			

Subject: Feedback Control System  
Faculty: Prof. V C Maindargi  
Duration: 1<sup>st</sup> April to 3<sup>rd</sup> May 2020

Sr NO	Date	Syllabus Unit/ Topic Covered -1,2...6	Unit/ Topic No.	Medium to Cover the Content of Remaining Syllabus	Assignment Date	Date of On line Test	Re mark
1	1-4-2020	stability and sensitivity, steady state error,	U-3/T-1	PDF	7-4-2020	10-4-2020	
2	2-4-2020	Damping Ratio, Routh's Stability Criterion	U-3/T-2	-"	-"	-"	
3	3-4-2020	Root Locus & Rules of Root Locus Plot	U-3/T-3	-"	-"	-"	
4	4 /4/2020	4:Frequency Domain Analysis: Frequency domain specification, Polar plots,	U-4/T-4	-"	-"	-"	
5	5-4-2020	Bode plots, Phase and Gain margin, Stability analysis using Bode Plot,	U-4/T-5	#VALUE!	-"	-"	
6	6-4-2020	Nyquist Stability criterion. Stability analysis using Bode Plot, Nyquist Stability criterion.	U-4/T-6	-"	-"	-"	
7	7 /4/2020	PI and PID controllers,	U-5/T-7	-"	-"	-"	
8	8-4-2020	servo potentiometers, servo motors,	U-5/T-8	PDF/PPT	15-4-2020	4-14-2020	
9	9-4-2020	techogenerator, stepper motor and synchros.	U-5/T-9	-"	-"	-"	
10	10-4-2020	stepper motor and synchros	U-5/T-10	-"	-"	-"	
11	4-11-2020	state model, state diagram representation	U-6/T-11	-"	-"	-"	
12	12-4-2020	Study of programmable logic controllers	U-6/T-12	-"	-"	-"	
13	13-4-2020	Neural based control system, sensors, electronic controllers, sensors,	U-6/T-13	-"	-"	-"	
14	14-4-2020	electronic controllers	U-6/T-14	-"	-"	-"	
15	15-4-2020	relay	U-6/T-15	-"	-"	-"	

Subject: PED  
Faculty: Prof S G Shinde  
Duration: 1<sup>st</sup> April to 3<sup>rd</sup> May 2020

Sr. no.	Date	Syllabus Unit/ Topic Covered -1,2...6	Unit/ Topic No.	Medium to Cover the Content of Remaining Syllabus	Assignment Date	Date of On line Test	Remark
1	01-04-2020	Single phase series	Unit. No. 4	YOU TUBE			
2	02-04-2020	parallel inverters	Unit. No. 4	PDF			
3	03-04-2020	3- $\Phi$ inverters; 120° mode	Unit. No. 4	PDF/video		03-04-2020	
4	06-04-2020	3- $\Phi$ inverters; 180° mode	Unit. No. 4	PDF/video			
5	07-04-2020	Basic chopper operation of chopper	Unit. No. 5	PDF	07-04-2020		
6	08-04-2020	Four quadrant chopper	Unit. No. 5	PDF		08-04-2020	
7	09-04-2020	voltage commutated	Unit. No. 5	PPT/PDF			
8	10-04-2020	Control techniques in chopper	Unit. No. 5	PDF/video		10-04-2020	
9	11-04-2020	Ring counter using SCR	Unit. No. 6	PDF			
10	13-04-2020	servo controlled stabilizer	Unit. No. 6	PDF/video	15-04-2020	13-04-2020	
11	14-04-2020	HF heating	Unit. No. 6	PDF/video			
12	15-04-2020	Control of VSI using PWM for Adjustable Speed Drive	Unit. No. 6	PDF/video		15-04-2020	

Subject: ECT  
Faculty: Prof N V Bhosale  
Duration: 1<sup>st</sup> April to 3<sup>rd</sup> May 2020

Sr. no.	Date	Syllabus Unit/ Topic Covered -1,2...6	Unit/ Topic No.	Medium to Cover the Content of Remaining Syllabus	Assignment Date	Date of On line Test
1	#####	need of DAC;application area of DAC;	UNIT 5	PDF/VL NPTEL	07-04-2020	10-04-2020
2	#####	Performance parameter of DAC;Selection criteria for ADC &DAC	UNIT 5	PDF/VL NPTEL	07-04-2020	10-04-2020
3	#####	Introduction to FSM	UNIT 5	PDF/VL NPTEL	07-04-2020	10-04-2020
4	#####	Interfacing of single digit;7 seg display; optocoupler& relay	UNIT 5	PDF/VL NPTEL	07-04-2020	10-04-2020
5	#####	state diag; design of mela y & moore m/c	UNIT 5	PDF/VL NPTEL	07-04-2020	10-04-2020
6	#####	Realiability,exponential law of realiability, quality failure, maintainability, MTTR, MTTBF, MTTF	UNIT 6	PDF/VL NPTEL	14-04-2020	15-04-2020
7	#####	Noise in electronics circuit, grounding, shielding, guarding enclosure sizing, selection of material for enclosure	UNIT 6	PDF/VL NPTEL	14-04-2020	15-04-2020
8	#####	heat transfer fundamentals, thermal calculations, thermal time constants, heat sinks	UNIT 6	PDF/VL NPTEL	14-04-2020	15-04-2020
9	#####	PCB design rules for digital circuits, PCB design rules for Analog circuits	UNIT 6	PDF/VL NPTEL	14-04-2020	15-04-2020
10	#####	noise due to ground , supply line, returns, shields,	UNIT 6	PDF/VL NPTEL	14-04-2020	15-04-2020
11	#####	Measurment of temp by thermister & IC temp sensor; measurment of light by photo diode	UNIT 3	PDF/VL NPTEL	14-04-2020	15-04-2020
12	#####	measurment of strain by strain gauge	UNIT 3	PDF/VL NPTEL	14-04-2020	15-04-2020

Subject: IA  
Faculty: Prof P B Shitole  
Duration: 1<sup>st</sup> April to 3<sup>rd</sup> May 2020

Sr.no.	Date	Syllabus Unit/ Topic Covered - 1,2...6	Unit/Topic No.	Medium to Cover the Content of Remaining Syllabus	Assignment Date	Date of On line Test
1	3-4-2020	Control loop	U-1 T-1	PDF	8-4-2020	7-4-2020
2	4-4-2020	Process variable & it's types	U-1 T-2	PPT/PDF	"-	"-
3	5-4-2020	Automation	U-1 T-3	PDF/VL	"-	"-
4	6-4-2020	Architecture Of PLC	U-2 T-1	PDF/PPT	"-	"-
5	7-4-2020	Timer & counters in PLC	U-2 T-2	PPT	"-	"-
6	8-4-2020	Ladder dising & it's Symbol	U-2 T-3	PDF/VL	"-	"-
7	9-4-2020	Architecture of SCADA	U-2 T-4	PDF	"-	"-
8	10-4-2020	Pneumatic components and symbol	U-3 T-1	PDF/PPT	14/4/2020	15/4/2020
9	11-4-2020	Pressure dependent control system	U-3 T-2	PDF /VL	"-	"-
10	12-4-2020	Control value & types	U-3 T-3	PPT	"-	"-
11	13/4/2020	AC drives	U-4 T-1	PDF	"-	"-
12	14/4/2020	HART Protocol	U-5 T-1	PDF/PPT	"-	"-
13	15/13/2020	Profibus & profinet	U-5 T-2	PDF/ppt	"-	"-

**Class: B. E. (ECT)**

Subject: WMC

Faculty: Prof P S Kolhe

Duration: 1<sup>st</sup> April to 3<sup>rd</sup> May 2020

Sr. no.	Date	Syllabus Unit/ Topic Covered -1,2...6	Unit/ Topic No.	Medium to Cover the Content of Remaining Syllabus	Assignment Date	Date of On line Test
1	4-1-2020	2G 3G 4G 5G wireless network	Unit. No. 3	pdf/video/ppt		
2	4-2-2020	WLL	Unit. No. 3	—"—		
3	4-3-2020	WLAN	Unit. No. 3	—"—		
4	4-6-2020	bluetooth	Unit. No. 3	—"—		
5	4-7-2020	overview of TDMS CDMA FDMA	Unit. No. 4	—"—	4-7-2020	
6	4-8-2020	OFDM SDMA CSMA protocol	Unit. No. 4	—"—		4-8-2020
7	4-9-2020	comparison between these techniques	Unit. No. 4	PPT/PDF		
8	4-10-2020	GSM system Architecture	Unit. No. 5	PDF/video		
9	4-11-2020	signal processing	Unit. No. 5	PDF		
10	4-13-2020	concept of spread spectrum GPRS	Unit. No. 5	PDF/video	4-15-2020	
11	4-14-2020	Wi-Fi, zigbee n/w, mobile portability	Unit. No. 6	PDF/video		
12	4-15-2020	performance limits, design issues, security issues	Unit no. 6	PDF/video		4-15-2020

Subject: AT  
Faculty: Prof N V Bhosale  
Duration: 1<sup>st</sup> April to 3<sup>rd</sup> May 2020

Sr. no	Date	Syllabus Unit/ Topic Covered -1,2...6	Unit/ Topic No.	Medium to Cover the Content of Remaining Syllabus	Assignment Date	Date of On line Test
1	#####	Radiation pattern of centre fed horizontal dipole, radiation pattern of vertical dipole	UNIT 3	PDF/VL NPTEL	07-04-2020	10-04-2020
2	#####	two element uniform array, uniform linear array & its field strength	UNIT 3	PDF/VL NPTEL	07-04-2020	10-04-2020
3	#####	First side lobe ratio(SLR) broad side and end fire arrays	UNIT 3	PDF/VL NPTEL	07-04-2020	10-04-2020
4	#####	pattern of array of non isotropic radiators, Binominal arrays	UNIT 3	PDF/VL NPTEL	07-04-2020	10-04-2020
5	#####	microstropic antenna basic characteristics,	UNIT 5	PDF/VL NPTEL	10-04-2020	10-04-2020
6	#####	feeding mechanizams, method of analysis	UNIT 5	PDF/VL NPTEL	10-04-2020	15-04-2020
7	#####	method of analysis design	UNIT 5	PDF/VL NPTEL	10-04-2020	15-04-2020
8	#####	concept of rectangular patch & circular patch	UNIT 5	PDF/VL NPTEL	10-04-2020	15-04-2020
9	#####	microwave anennas horn antenna	UNIT 6	PDF/VL NPTEL	14-04-2020	15-04-2020
10	#####	E & H plane sectoral horn ,pyramidal horn canonical horn	UNIT 6	PDF/VL NPTEL	14-04-2020	15-04-2020
11	#####	corrugated horn, aperture matched horn	UNIT 6	PDF/VL NPTEL	14-04-2020	15-04-2020
12	#####	multimode horn and phase centre	UNIT 6	PDF/VL NPTEL	14-04-2020	15-04-2020

Subject: CNS  
Faculty: Prof P B Shitole  
Duration: 1<sup>st</sup> April to 3<sup>rd</sup> May 2020

Sr.no.	Date	Syllabus Unit/ Topic Covered -1,2...6	Unit/Topic No.	Medium to Cover the Content of Remaining Syllabus	Assignment Date	Date of On line Test
1	3-4-2020	Network topologies	U-1	PDF/Video Lect	8-4-2020	7-4-2020
2	4-4-2020	Network Models - ISO.OSI & TCP/IP	U-1	PPT	-"	-"
3	5-4-2020	Switching Technigncs	U-1	PPT	-"	-"
4	6-4-2020	Network Layer protocols	U-2	PDF	-"	-"
5	7-4-2020	Application layer protocols	U-3	PDF	-"	-"
6	8-4-2020	Messages integrity, Authentication	U-5	PDF/PPT/VL	-"	-"
7	9-4-2020	ISDN	U-6	PPT/lect	-"	-"
8	10-4-2020	Cryptography components	U-4	PDF/PPT/VL	14/4/2020	13/4/2020
9	11-4-2020	ISDN interface and Function	U-6	PDF	-"	-"
10	12-4-2020	Sliding Window protocols	U-2	-"	-"	-"
11	13/4/2020	ISDN Service	U-6	PDF/ lect	-"	-"
12	14/4/2020	UDP	U-3	-"	-"	-"
13	15/13/2020	TCP	U-3	-"	-"	-"

Subject: FOC Ele-II  
Faculty: Prof A P Mane  
Duration: 1<sup>st</sup> April to 3<sup>rd</sup> May 2020

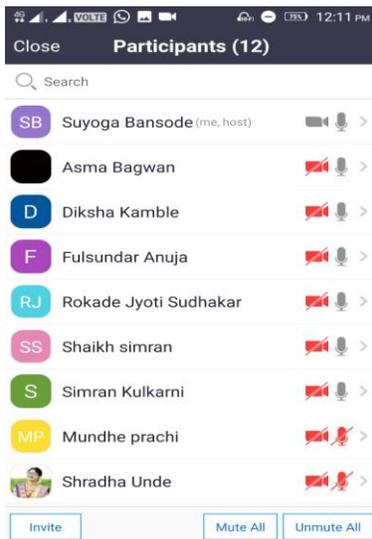
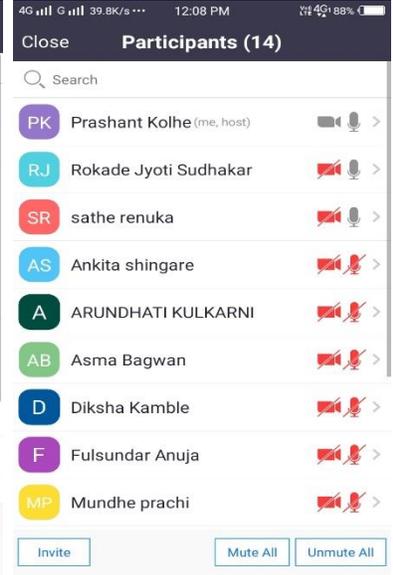
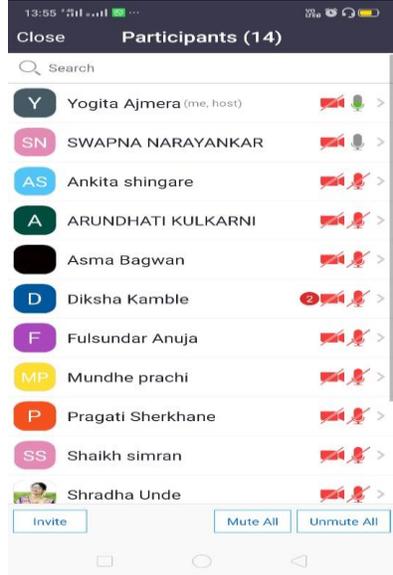
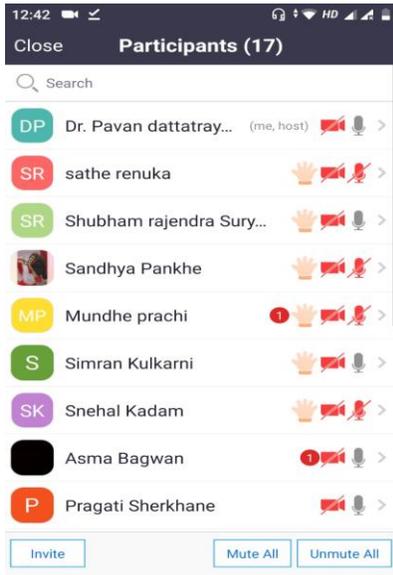
Sr. no.	Date	Syllabus Unit/ Topic Covered -1,2...6	Unit/Topic No.	Medium to Cover the Content of Remaining Syllabus	Assignment Date	Date of On line Test
1	1-4-2020	Point to point link, key system requirements and designers components choice	U-4, T-1	PDF/PPT/VL	7-4-2020	10-4-2020
2	2-4-2020	System design considerations	U-4, T-2	-"	-"	-"
3	3-4-2020	Link power budget	U-4, T-3	-"	-"	-"
4	4/4/2020	system rise time budget	U-4, T-4	-"	-"	-"
5	5-4-2020	Noise effect on system performance/Noise penalties	U-4, T-5	-"	-"	-"
6	6-4-2020	Numericals/analysis of budgets	U-4, T-6	-"	-"	-"
7	7/4/2020	WDM- concept, key features etc	U-4 T-7	-"	-"	-"
8	8-4-2020	Optical networks- concept , types and topologies	U-5 T-1	PDF/PPT/VL	15-4-2020	4-4-2021
9	9-4-2020	SONET/SDH protocols	U-5 T-2	-"	-"	-"
10	10-4-2020	WDM networks	U-5 T-3	-"	-"	-"
11	11-4-2020	Optical cross connect	U-5 T-4	-"	-"	-"
12	12-4-2020	Passive optical networks	U-5 T-5	-"	-"	-"
13	13-4-2020	Photonic switching	U-5 T-6	-"	-"	-"
14	14-4-2020	Sensor applications	U-5 T-7	-"	-"	-"
15	15-4-2020	Optical Ethernet	U-5 T-8	-"	-"	-"

#### 4. Online Lectures [ZOOM App]:

The students of College of Engineering are from rural & remote areas. Some of them has self-android phone. Someone are using parent's mobile. Apart from this, they are facing the internet speed & connectivity problem. Irrespective of lockdown due to **Pandemic attack by COVID-19**, the departmental faculties have taken efforts to complete syllabus with available resources such as whatsapp, phones & through ZOOM meeting etc. The online lectures conducted by faculties during lockdown are elaborated below.

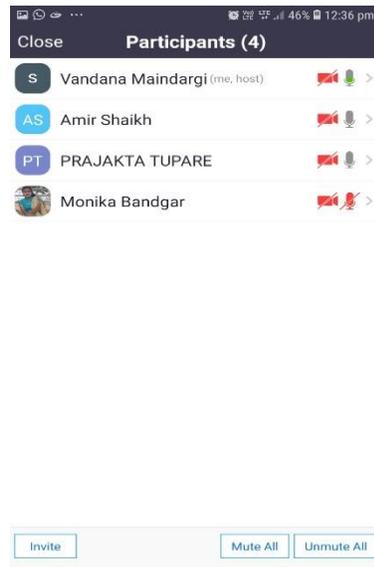
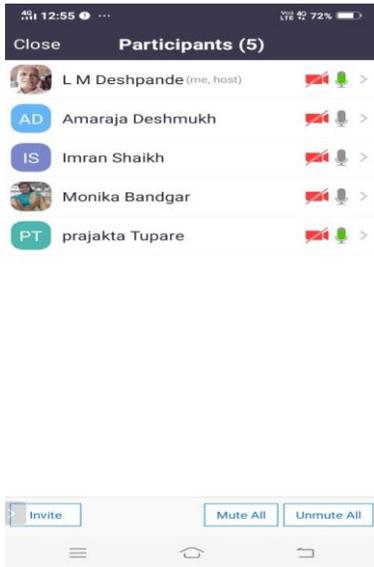
##### Class: S.Y. B. Tech. (ECT)

Date	Subject	Conducted by	Attendance/20	Remark
15/04/2020	MP	Prof P D Paikrao	17	Sample Pics of online class conduction is shown below
16/04/2020	EM	Prof Y A Ajmera	14	
17/04/2020	ACE	Prof P S Kolhe	14	
20/04/2020	NM	Prof M V Joshi	12	
21/04/2020	CP	Prof S Y Bansode	12	
22/04/2020	PDE	Prof V C Maindargi	16	
23/04/2020	MP	Prof P D Paikrao	16	
24/04/2020	EM	Prof Y A Ajmera	16	
27/04/2020	ACE	Prof P S Kolhe	15	
28/04/2020	NM	Prof M V Joshi	Not conducted	
29/04/2020	CP	Prof S Y Bansode	15	
30/04/2020	CS	Prof B S Chavan	16	



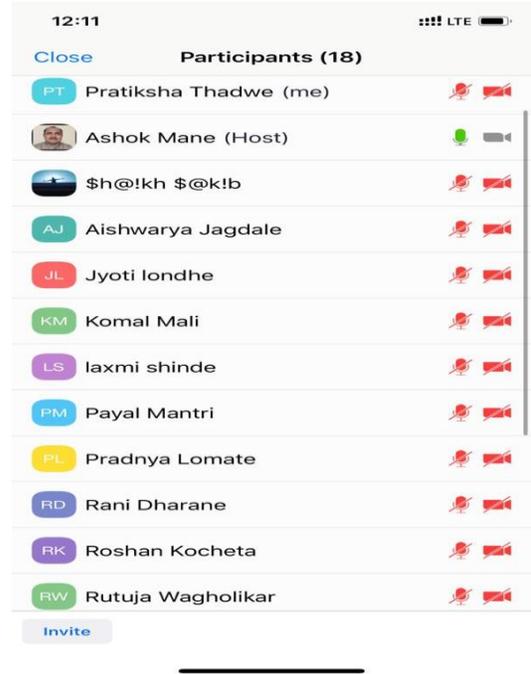
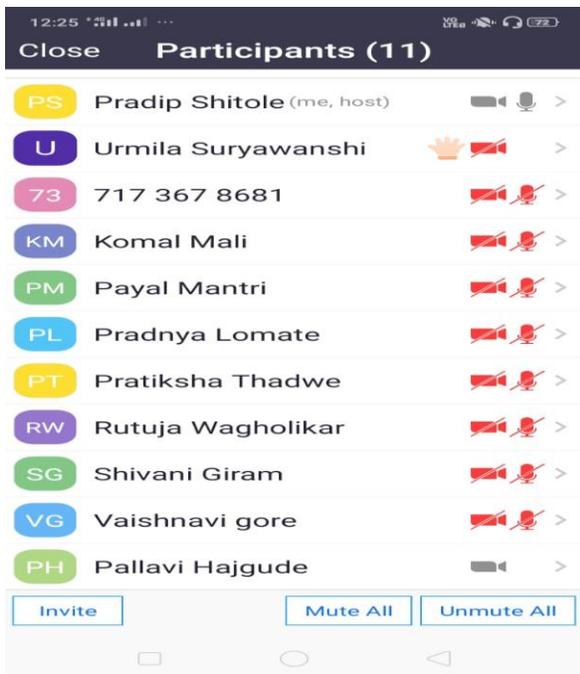
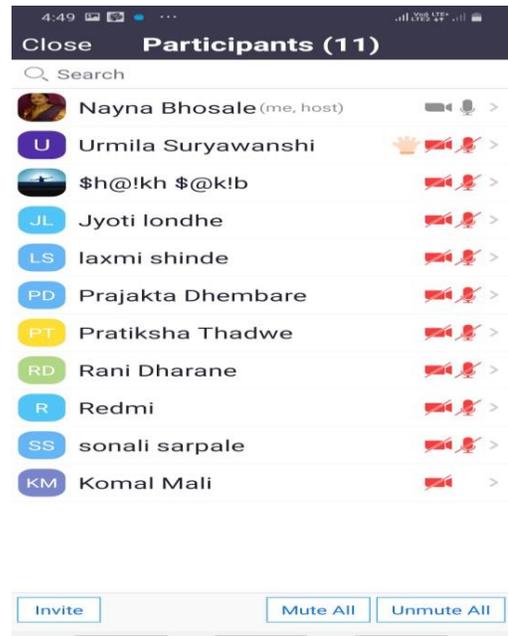
**Class: T.E. (ECT)**

<b>Date</b>	<b>Subject</b>	<b>Conducted by</b>	<b>Attendance/19</b>	<b>Remark</b>
15/04/2020	ES	Prof L M Deshpande	05	Sample Pics of online class conduction is shown below
16/04/2020	FCS	Prof V C Maindargi	04	
17/04/2020	PED	Prof S G Shinde	10	
20/04/2020	ECT	Prof N V Bhosale	08	
21/04/2020	IA	Prof P B Shitole	12	
22/04/2020	ES	Prof L M Deshpande	09	
23/04/2020	PED	Prof S G Shinde	12	
24/04/2020	FCS	Prof V C Maindargi	14	
27/04/2020	ECT	Prof N V Bhosale	12	
28/04/2020	IA	Prof P B Shitole	14	
29/04/2020	FCS	Prof V C Maindargi	15	
30/04/2020	FCS	Prof V C Maindargi	16	



**Class: B.E. (ECT)**

<b>Date</b>	<b>Subject</b>	<b>Conducted by</b>	<b>Attendance/32</b>	<b>Remark</b>
15/04/2020	WMC	Prof P S Kolhe	14	Sample Pics of online class conduction is shown below
16/04/2020	AT	Prof N V Bhosale	11	
17/04/2020	CNS	Prof P B Shitole	11	
20/04/2020	FOC	Prof A P Mane	18	
21/04/2020	WMC	Prof P S Kolhe	12	
22/04/2020	AT	Prof N V Bhosale	09	
23/04/2020	CNS	Prof P B Shitole	12	
24/04/2020	FOC	Prof A P Mane	15	
27/04/2020	FOC	Prof A P Mane	12	
28/04/2020	AT	Prof N V Bhosale	14	
29/04/2020	WMC	Prof P S Kolhe	15	
30/04/2020	CNS	Prof P B Shitole	16	
01/05/2020	FOC	Prof A P Mane	17	



## Online Practical Lectures [ZOOM App]:

Irrespective of lockdown due to **Pandemic attack by COVID-19**, the departmental faculties have taken efforts to complete Practical course of all students in all subjects with available resources such as whatsapp, phones and through ZOOM meeting etc. in Lockdown 4.0 and 5.0. The online practical lectures conducted by faculties during lockdown are tabulated below.

### Class: S.Y. B. Tech. (ECT)

Date	Subject	Practical conducted by	Attendance/19
12/05/20	MP	Prof P D Paikrao	12
13/05/20	EM	Prof Y A Ajmera	14
14/05/20	ACE	Prof P S Kolhe	11
15/05/20	PDE	Prof V C Maindargi	08
18/05/20	MP	Prof P D Paikrao	11
19/05/20	EM	Prof Y A Ajmera	12
20/05/20	ACE	Prof P S Kolhe	13
21/05/20	CS	Prof B S Chavan	10

### Class: TE (ECT)

Date	Subject	Practical conducted by	Attendance/19
12/05/20	ES	Prof L M Deshpande	16
13/05/20	FCS	Prof V C Maindargi	13
14/05/20	PED	Prof S G Shinde	14
15/05/20	ECT	Prof N V Bhosale	12
18/05/20	ES	Prof L M Deshpande	11
19/05/20	FCS	Prof V C Maindargi	12
20/05/20	PED	Prof S G Shinde	13
21/05/20	ECT	Prof N V Bhosale	10

### Class: BE (ECT)

Date	Subject	Practical conducted by	Attendance/32
12/05/20	WMC	Prof P S Kolhe	20
13/05/20	AT	Prof N V Bhosale	23
14/05/20	CNS	Prof P B Shitole	19
15/05/20	FOC	Prof A P Mane	21
18/05/20	WMC	Prof P S Kolhe	18
19/05/20	AT	Prof N V Bhosale	17
20/05/20	CNS	Prof P B Shitole	20
21/05/20	FOC	Prof A P Mane	17

## 5 Students Daily Work Reports:

The departmental faculties provided online notes, pdfs, ppts and guidance to students to complete their course contents and to complete syllabus with available resources such as Whatsapp groups and phones on daily basis in the **Pandemic attack by COVID-19**. The work given to the students on daily basis by faculties during lockdown are elaborated below.

Date	Class	Subject	Faculty	Activity
15/04/2020	S. Y. B. Tech.	ACE	Prof. P S Kolhe	Circulated you tube videos
		MP	Prof P D Paikrao	Online lecture through Zoom app
		NMCP	Prof. M V Joshi/Prof S Y Bansode	Circulated you tube videos
		SS	Prof. S G Aghor	Provided you tube videos
		EM	Prof Y A Ajmera	Circulated online test ans key
		CS	Prof B S Chavan	Circulated online notes pdf
	T. E.	ES	Prof L M Deshpande	Online lecture through Zoom app
		PED	Prof. S G Shinde	Circulated MCQs and Lab manuals
		ECT	Prof. N V Bhosale	--
		FCS	Prof. V C Maindargi	--
		IA	Prof. P B Shitole	--
	B. E.	WMC	Prof. P S Kolhe	Online lecture through Zoom app
		AT	Prof.N V Bhosale	Provided online notes
		CNS	Prof. P B Shitole	Circulated online notes
FOC Ele-II		Prof A P Mane	Provided assignment no. 3	

Date	Class	Subject	Faculty	Activity
17/04/2020	S. Y. B. Tech.	ACE	Prof. P S Kolhe	Online lecture through Zoom app and Circulated Pdfs
		MP	Prof P D Paikrao	Discussion on assignment no. 4
		NMCP	Prof. M V Joshi/Prof S Y Bansode	Circulated you tube videos
		SS	Prof. S G Aghor	Provided you tube videos
		EM	Prof Y A Ajmera	Discussion on online test
		CS	Prof B S Chavan	Circulated online notes pdf
	T. E.	ES	Prof L M Deshpande	Circulated you tube videos, Test review
		PED	Prof. S G Shinde	Online lecture through Zoom app Circulated PPTs of same
		ECT	Prof. N V Bhosale	Discussion on Test-II
		FCS	Prof. V C Maindargi	Circulated pdfs
		IA	Prof. P B Shitole	Online test 1 paper
	B. E.	WMC	Prof. P S Kolhe	Circulated assignment
		AT	Prof.N V Bhosale	Provided online notes
		CNS	Prof. P B Shitole	Online lecture through Zoom app , Online test 1 paper
FOC Ele-II		Prof A P Mane	Discussion on assignment no. 3	

Date	Class	Subject	Faculty	Activity
18/04/2020	S. Y. B. Tech.	ACE	Prof. P S Kolhe	Online assignment submission
		MP	Prof P D Paikrao	--
		NMCP	Prof. M V Joshi/ S Y Bansode	--
		SS	Prof. S G Aghor	--
		EM	Prof Y A Ajmera	--
		CS	Prof B S Chavan	Circulated online pdf and questions
	T. E.	ES	Prof L M Deshpande	Circulated you tube videos
		PED	Prof. S G Shinde	Online assignment submission
		ECT	Prof. N V Bhosale	--
		FCS	Prof. V C Maindargi	Online Test-II
		IA	Prof. P B Shitole	Online test ans sheet submission
	B. E.	WMC	Prof. P S Kolhe	--
		AT	Prof.N V Bhosale	--
		CNS	Prof. P B Shitole	--
FOC Ele-II		Prof A P Mane	--	

Date	Class	Subject	Faculty	Activity
20/04/2020	S. Y. B. Tech.	ACE	Prof. P S Kolhe	--
		MP	Prof P D Paikrao	-- and Project Review(BE ECT)
		NMCP	Prof. M V Joshi/ S Y Bansode	NM Online lecture through Zoom
		SS	Prof. S G Aghor	-- and Project Review(BE ECT)
		EM	Prof Y A Ajmera	Circulated online MCQs
		CS	Prof B S Chavan	Circulated online pdf
	T. E.	ES	Prof L M Deshpande	-- and Project Review(BE ECT)
		PED	Prof. S G Shinde	-- and Project Review(BE ECT)
		ECT	Prof. N V Bhosale	--
		FCS	Prof. V C Maindargi	Online Test-II marks list with ans key
		IA	Prof. P B Shitole	--
	B. E.	WMC	Prof. P S Kolhe	-- and Project Review(BE ECT)
		AT	Prof.N V Bhosale	--
		CNS	Prof. P B Shitole	--
FOC Ele-II		Prof A P Mane	Online lecture through Zoom App	

Date	Class	Subject	Faculty	Activity
21/04/2020	S. Y. B. Tech.	ACE	Prof. P S Kolhe	Circulated Online Test notice
		MP	Prof P D Paikrao	--
		NMCP	Prof. M V Joshi/ S Y Bansode	Online lecture through Zoom-CP-SYB
		SS	Prof. S G Aghor	--
		EM	Prof Y A Ajmera	--
		CS	Prof B S Chavan	Circulated you tube video lecture
		PDE	Prof. V C Maindargi	Circulated Pdfs
	T. E.	ES	Prof L M Deshpande	--
		PED	Prof. S G Shinde	--
		ECT	Prof. N V Bhosale	--
		FCS	Prof. V C Maindargi	Online Test-II marks list with ans key
		IA	Prof. P B Shitole	Online lecture through Zoom
	B. E.	CS	Prof P D Paikrao	Chap-4 Pdfs
		WMC	Prof. P S Kolhe	Online lecture and Circulated pdf
AT		Prof.N V Bhosale	-- Project Review(BE ECT)	
CNS		Prof. P B Shitole	Circulated Online Test marks	
FOC Ele-II	Prof A P Mane	Circulated Online Test notice		

Date	Class	Subject	Faculty	Activity
22/04/2020	S. Y. B. Tech.	ACE	Prof. P S Kolhe	Circulated pdfs & conducted test
		MP	Prof P D Paikrao	Online lecture through Zoom
		NMCP	Prof. M V Joshi/ S Y Bansode	You tube video-CP-SYB
		SS	Prof. S G Aghor	--
		EM	Prof Y A Ajmera	Circulated Online pdfs
		CS	Prof B S Chavan	Circulated you tube video lecture
		PDE	Prof. V C Maindargi	Online lecture & Circulated docx
	T. E.	ES	Prof L M Deshpande	Online lecture through Zoom and Circulated pdfs and You tube video
		PED	Prof. S G Shinde	--
		ECT	Prof. N V Bhosale	Online lecture & Circulated notes
		FCS	Prof. V C Maindargi	Circulated lab manuals
		IA	Prof. P B Shitole	Circulated pdfs
		CS	Prof P D Paikrao	--
	B. E.	WMC	Prof. P S Kolhe	--
		AT	Prof.N V Bhosale	--
		CNS	Prof. P B Shitole	--
FOC Ele-II		Prof A P Mane	Conducted online test	

Date	Class	Subject	Faculty	Activity
23/04/2020	S. Y. B. Tech.	ACE	Prof. P S Kolhe	--
		MP	Prof P D Paikrao	Online lecture through Zoom and Circulated lab manuals and pdf notes
		NMCP	Prof. M V Joshi/ S Y Bansode	Circulated online notes -CP-SYB
		SS	Prof. S G Aghor	--
		EM	Prof Y A Ajmera	Circulated lab manuals
		CS	Prof B S Chavan	Online test & Circulated notes
		PDE	Prof. V C Maindargi	--
	T. E.	ES	Prof L M Deshpande	Circulated pdfs of pic18
		PED	Prof. S G Shinde	Online lecture through Zoom
		ECT	Prof. N V Bhosale	You tube videos on PCB designing
		FCS	Prof. V C Maindargi	Circulated lab manuals
		IA	Prof. P B Shitole	Circulated pdfs
		CS	Prof P D Paikrao	--
	B. E.	WMC	Prof. P S Kolhe	--
		AT	Prof.N V Bhosale	You tube videos horn antenna
		CNS	Prof. P B Shitole	Online lecture and Circulated pdfs
FOC Ele-II		Prof A P Mane	Circulated pdfs	

Date	Class	Subject	Faculty	Activity
24/04/2020	S. Y. B. Tech.	ACE	Prof. P S Kolhe	--
		MP	Prof P D Paikrao	--
		NMCP	Prof. M V Joshi/ S Y Bansode	Circulated online pdfs -CP-SYB
		SS	Prof. S G Aghor	--
		EM	Prof Y A Ajmera	Online lecture through Zoom
		CS	Prof B S Chavan	Online test result & you tube video
		PDE	Prof. V C Maindargi	--
	T. E.	ES	Prof L M Deshpande	Circulated PDFs of pic18F4550 WDT
		PED	Prof. S G Shinde	--
		ECT	Prof. N V Bhosale	Circulated Online assignment-1
		FCS	Prof. V C Maindargi	Online lecture through Zoom(2)
		IA	Prof. P B Shitole	--
		CS	Prof P D Paikrao	--
	B. E.	WMC	Prof. P S Kolhe	--
		AT	Prof.N V Bhosale	Circulated you tube video, assignment
		CNS	Prof. P B Shitole	--
FOC Ele-II		Prof A P Mane	Online lecture through Zoom	

Date	Class	Subject	Faculty	Activity
25/04/2020	S. Y. B. Tech.	ACE	Prof. P S Kolhe	--
		MP	Prof P D Paikrao	--
		NMCP	Prof. M V Joshi/ S Y Bansode	--
		SS	Prof. S G Aghor	Circulated online pdfs
		EM	Prof Y A Ajmera	--
		CS	Prof B S Chavan	--
		PDE	Prof. V C Maindargi	--
	T. E.	ES	Prof L M Deshpande	Circulated PDFs of pic18F4550 TIMER
		PED	Prof. S G Shinde	Circulated Online notes on Inverter
		ECT	Prof. N V Bhosale	Circulated Online assignment-1
		FCS	Prof. V C Maindargi	--
		IA	Prof. P B Shitole	--
		CS	Prof P D Paikrao	--
	B. E.	WMC	Prof. P S Kolhe	Circulated lab manuals
		AT	Prof.N V Bhosale	Assessment of assignment-1
		CNS	Prof. P B Shitole	--
FOC Ele-II		Prof A P Mane	Circulated PDFs of Unit-6	

Date	Class	Subject	Faculty	Activity
26/04/2020	S. Y. B. Tech.	ACE	Prof. P S Kolhe	Circulated you tube video
		MP	Prof P D Paikrao	Circulated online pdfs
		NMCP	Prof. M V Joshi/S Y Bansode	Circulated online notes-CP-SYB
		SS	Prof. S G Aghor	--
		EM	Prof Y A Ajmera	--
		CS	Prof B S Chavan	Circulated you tube video
		PDE	Prof. V C Maindargi	--
	T. E.	ES	Prof L M Deshpande	Circulated PDFs of pic18F4550 CMO
		PED	Prof. S G Shinde	Circulated pdfs on step up chopper
		ECT	Prof. N V Bhosale	--
		FCS	Prof. V C Maindargi	--
		IA	Prof. P B Shitole	--
		CS	Prof P D Paikrao	--
	B. E.	WMC	Prof. P S Kolhe	--
AT		Prof.N V Bhosale	Assignment submission	
CNS		Prof. P B Shitole	--	
FOC Ele-II		Prof A P Mane	--	

Date	Class	Subject	Faculty	Activity
27/04/2020	S. Y. B. Tech.	ACE	Prof. P S Kolhe	Conducted online lecture & pdfs
		MP	Prof P D Paikrao	--
		NMCP	Prof. M V Joshi/ S Y Bansode	--
		SS	Prof. S G Aghor	--
		EM	Prof Y A Ajmera	--
		CS	Prof B S Chavan	Circulated pdfs
		PDE	Prof. V C Maindargi	Conducted online Test
	T. E.	ES	Prof L M Deshpande	Circulated PDFs of pic18F4550 UNIT-III
		PED	Prof. S G Shinde	Circulated notes/pdfs on onverter
		ECT	Prof. N V Bhosale	Conducted online lecture through Zoom and circulated you tube video
		FCS	Prof. V C Maindargi	Conducted online Test & Circulated pdfs
		IA	Prof. P B Shitole	--
		CS	Prof P D Paikrao	--
	B. E.	WMC	Prof. P S Kolhe	Circulated online Test notice
AT		Prof.N V Bhosale	circulated you tube video on micro strip antenna	
CNS		Prof. P B Shitole	--	
FOC Ele-II		Prof A P Mane	Conducted online lecture through Zoom	

Date	Class	Subject	Faculty	Activity
28/04/2020	S. Y. B. Tech.	ACE	Prof. P S Kolhe	--
		MP	Prof P D Paikrao	Circulated online notes
		NMCP	Prof. M V Joshi/ S Y Bansode	NM online lecture -- not conducted.
		SS	Prof. S G Aghor	--
		EM	Prof Y A Ajmera	--
		CS	Prof B S Chavan	Circulated you tube video and pdf on effective resume drafting
		PDE	Prof. V C Maindargi	Conducted online Test
	T. E.	ES	Prof L M Deshpande	Circulated PDFs - pic18F4550 PWM WPS
		PED	Prof. S G Shinde	--
		ECT	Prof. N V Bhosale	--
		FCS	Prof. V C Maindargi	--
		IA	Prof. P B Shitole	Conducted online lecture & pdfs
		CS	Prof P D Paikrao	--
	B. E.	WMC	Prof. P S Kolhe	Conducted online Test
		AT	Prof.N V Bhosale	Conducted online lecture & pdfs
		CNS	Prof. P B Shitole	circulated you tube videos on CN
FOC Ele-II		Prof A P Mane	--	

Date	Class	Subject	Faculty	Activity
29/04/2020	S. Y. B. Tech.	ACE	Prof. P S Kolhe	--
		MP	Prof P D Paikrao	Circulated pdf notes
		NMCP	Prof. M V Joshi/Prof S Y Bansode	Conducted online lecture through Zoom circulated you tube video and online test marksheet-CP-SYB
		SS	Prof. S G Aghor	Circulated pdf notes
		EM	Prof Y A Ajmera	--
		CS	Prof B S Chavan	Circulated you tube video on leadership
		PDE	Prof. V C Maindargi	--
	T. E.	ES	Prof L M Deshpande	Circulated PDFs of pic18F4550 ADC
		PED	Prof. S G Shinde	--
		ECT	Prof. N V Bhosale	Circulated you tube video
		FCS	Prof. V C Maindargi	Conducted online lecture & pdfs
		IA	Prof. P B Shitole	--
		CS	Prof P D Paikrao	Circulated you tube video
	B. E.	WMC	Prof. P S Kolhe	Conducted online lecture through Zoom
		AT	Prof.N V Bhosale	Circulated you tube video on lens antenna-basic, radiation & applications
		CNS	Prof. P B Shitole	--
FOC Ele-II		Prof A P Mane	--	

Date	Class	Subject	Faculty	Activity
30/04/2020	S. Y. B. Tech.	ACE	Prof. P S Kolhe	--
		MP	Prof P D Paikrao	--
		NMCP	Prof. M V Joshi/ S Y Bansode	--
		SS	Prof. S G Aghor	--
		EM	Prof Y A Ajmera	--
		CS	Prof B S Chavan	Conducted online lecture through Zoom
		PDE	Prof. V C Maindargi	--
	T. E.	ES	Prof L M Deshpande	Circulated pdfs of pic18F4550 DC Motor
		PED	Prof. S G Shinde	--
		ECT	Prof. N V Bhosale	Circulated you tube video
		FCS	Prof. V C Maindargi	Conducted online &pdfs
		IA	Prof. P B Shitole	--
		CS	Prof P D Paikrao	--
	B. E.	WMC	Prof. P S Kolhe	Circulated notes
AT		Prof.N V Bhosale	--	
CNS		Prof. P B Shitole	Conducted online lecture through Zoom	
FOC Ele-II		Prof A P Mane	--	

Date	Class	Subject	Faculty	Activity
01/05/2020	S. Y. B. Tech.	ACE	Prof. P S Kolhe	--
		MP	Prof P D Paikrao	--
		NMCP	Prof. M V Joshi/ S Y Bansode	Circulated you tube video on C++ -
		SS	Prof. S G Aghor	--
		EM	Prof Y A Ajmera	--
		CS	Prof B S Chavan	--
		PDE	Prof. V C Maindargi	--
	T. E.	ES	Prof L M Deshpande	Circulated pdfs On pic18F4550 SPI/PIC
		PED	Prof. S G Shinde	--
		ECT	Prof. N V Bhosale	--
		FCS	Prof. V C Maindargi	--
		IA	Prof. P B Shitole	--
		CS	Prof P D Paikrao	--
	B. E.	WMC	Prof. P S Kolhe	--
AT		Prof. N V Bhosale	--	
CNS		Prof. P B Shitole	--	
FOC Ele-II		Prof A P Mane	Conducted online lecture through Zoom	

<b>Date</b>	<b>Class</b>	<b>Subject</b>	<b>Faculty</b>	<b>Activity</b>
<b>04/05/2020</b>	<b>S. Y. B. Tech.</b>	<b>ACE</b>	Prof. P S Kolhe	Circulated you tube video
		<b>MP</b>	Prof P D Paikrao	Circulated self-recorded you tube video and pdfs
		<b>NMCP</b>	Prof. M V Joshi/Prof S Y Bansode	Circulated you tube video on C++ - CP-SYB
		<b>SS</b>	Prof. S G Aghor	--
		<b>EM</b>	Prof Y A Ajmera	--
		<b>CS</b>	Prof B S Chavan	Circulated you tube video
		<b>PDE</b>	Prof. V C Maindargi	Circulated pdfs
	<b>T. E.</b>	<b>ES</b>	Prof L M Deshpande	Circulated PDFs of pic18F4550 I2C/PIC Microcontrollers
		<b>PED</b>	Prof. S G Shinde	Circulated MCQs and conducted online test
		<b>ECT</b>	Prof. N V Bhosale	--
		<b>FCS</b>	Prof. V C Maindargi	--
		<b>IA</b>	Prof. P B Shitole	--
		<b>CS</b>	Prof P D Paikrao	Circulated you tube video
	<b>B. E.</b>	<b>WMC</b>	Prof. P S Kolhe	--
<b>AT</b>		Prof. N V Bhosale	--	
<b>CNS</b>		Prof. P B Shitole	--	
<b>FOC Ele-II</b>		Prof A P Mane	Circulated self-prepared ppts of Unit-4,5	

## **6. H.O.D. Desk :**

**Conducted** E-Meeting with staff to discuss some of the academic and nonacademic issues of students, faculties and staff raised during COVID-19 lockdown.

### **Online Meeting (Zoom App) Notices, Agenda and Minutes:**

**Date:-22/04/2020**

**TPCT's College of Engineering, Osmanabad**  
**Department of Electronics and Telecommunication**  
**Dept. Faculty Meeting**

**Date:-22/04/2020**

**Time:-4:30 to 05:00 pm**

#### **Agenda of Meeting**

- 1) Percentage of syllabus covered till today (online and offline). CCs has to consolidate the data of their class.
- 2) Daily work given to the students up to 30/4/20.
- 3) Provision of experiment write ups or lab manuals to students to write journals with in lockdown period.
- 4) Other social work allotted by COEO or TPCT Office.
- 5) Any other related point/s.

**Prof A P Mane**  
**H.O.D. (ECT)**

Date:-22/04/2020

**TPCT's College of Engineering, Osmanabad**  
**Department of Electronics and Telecommunication**  
**Dept. Faculty Meeting**

**Minutes of Meeting held on 22/04/2020 at 4:30 pm**

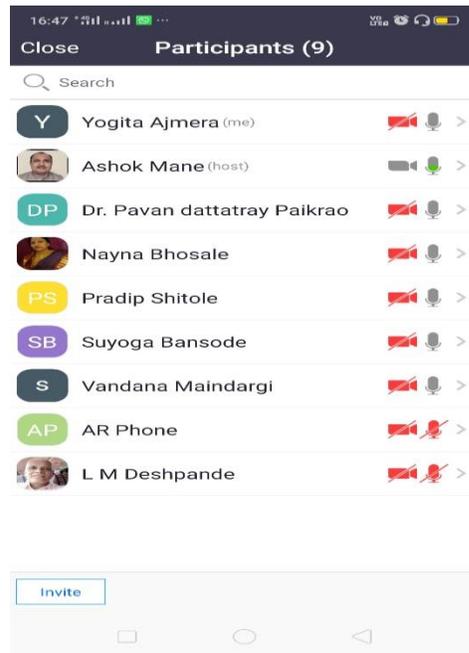
- 1) At Department level on an average of 80 % syllabus is covered till today (online-30% and offline-50%).
- 2) Many of the faculties are providing daily work to the students and again all faculties are ready to provide daily work from home to students in their subjects.
- 3) Many of the faculties have provided experiment write ups in soft or hard form to the students to complete their journals within lockdown period and remaining faculties are also providing the same.
- 4) All faculties/staff are informed to attend social work allotted by COEO or TPCT Office and all are ready to accept the same.
- 5) All faculties are informed to provide information required in the development of college website to Prof A R Deshpande.

**Prof A P Mane**  
**H.O.D. (ECT)**

## Faculty members invited for meeting-

- Prof A P Mane - P
- Prof L M Deshpande - P
- Prof S G Shinde - Busy in social work by COEO
- Prof S G Aghor - A
- Prof P S Kolhe - A
- Prof P B Shitole - P
- Prof N V Bhosale - P
- Prof V C Maindargi - P
- Prof A R Deshpande - P
- Prof P D Paikrao - P
- Prof Y A Ajmera - P
- Prof M V Joshi - A
- Prof S Y Bansode - P
- Prof B S Chavan - A

## Online Meeting (Zoom App) Pics



**Date:-10/05/2020**

**TPCT's College of Engineering, Osmanabad**  
**Department of Electronics and Telecommunication**  
**Dept. Faculty Meeting**

**Date:-11/05/2020**

**Time:-10:30 to 11:00 am**

**Agenda of Meeting**

- 1) Percentage of syllabus covered till today (online and offline). CCs has to consolidate the data of their class.
- 2) Mid-semester Exam (For S Y B Tech students) and Class Test-II (For TE and BE students). DAC and Class Test coordinator has to prepare the timetable.
- 3) Conduction of remaining experiments/assignments through videos/available means and conduction of Zoom meeting on that to complete practical course.
- 4) Social work allotted by COEO or TPCT Office.
- 5) Any other related point/s.

**Prof A P Mane**  
**H.O.D. (ECT)**

Date:-11/05/2020

**TPCT's College of Engineering, Osmanabad**  
**Department of Electronics and Telecommunication**

**Dept. Faculty Meeting**

**Minutes of Meeting held on 11/05/2020 at 10:30 am**

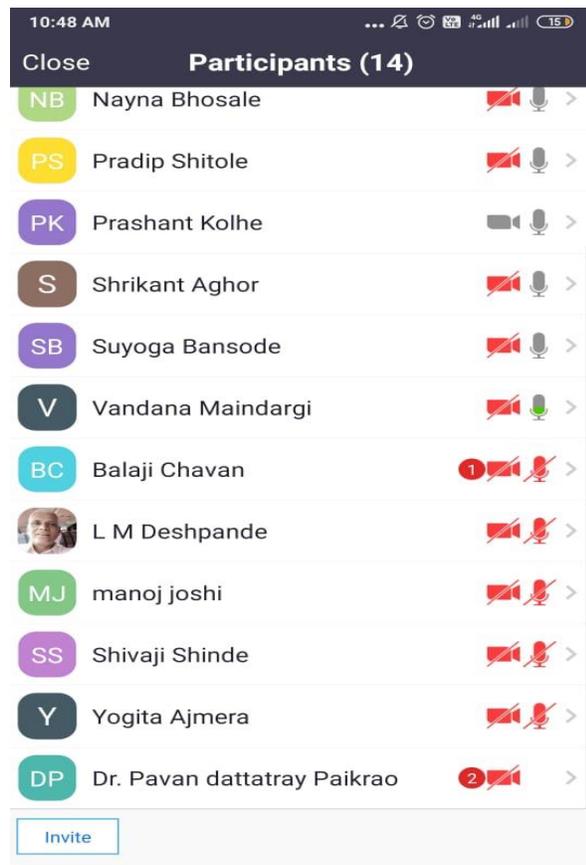
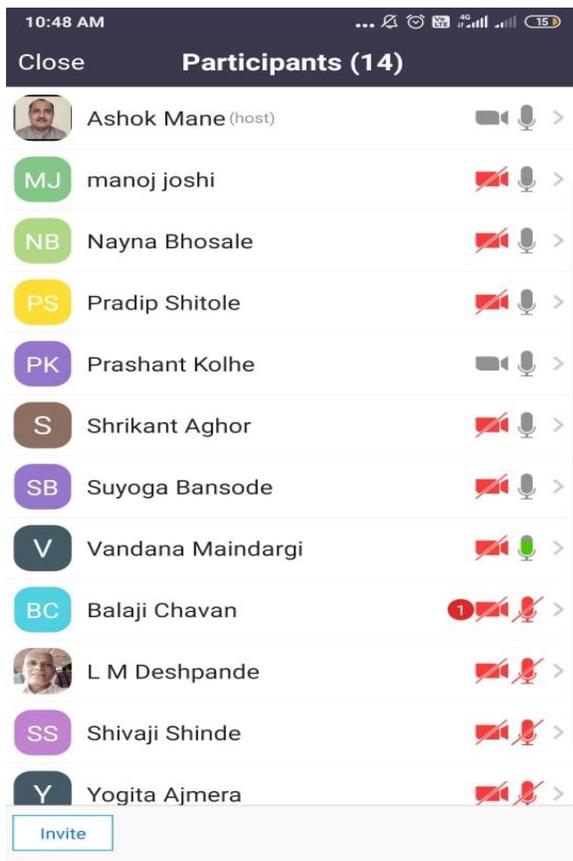
- 1) At Department level on an average of 95 % syllabus is covered till today (online-45% and offline-50%).
- 2) Mid-semester Exam (For S Y B Tech students) and Class Test-II (For TE and BE students). DAC and Class Test coordinator has to prepare the timetable.
- 3) All should complete practical course in their Lab load by 25/05/20 through videos/available means and Zoom meeting..
- 4) All faculties/staff are informed to attend social work allotted by COEO or TPCT Office.
- 5) i) Conduction of MSE and completion of seminars/mini projects of M Tech (ECT) Sem-II and Internal/external assessment work of M Tech(ECT) Sem-IV. This work will be coordinated by Prof N V Bhosale (P G Coordinator).  
ii) Department Parents Meet will be arranged/conducted on 13/05/20 at 1:00 pm through Zoom app. All CCs has to communicate to parents/students to be present for the meeting. All teachers should be present for the same.  
iii) Point raised by faculties regarding pending monthly salaries –To be forwarded to Principal Sir for consideration.

**Prof A P Mane**  
**H.O.D. (ECT)**

## Faculty members invited for meeting-

Prof A P Mane - P  
Prof L M Deshpande - P  
Prof S G Shinde - P  
Prof S G Aghor - P  
Prof P S Kolhe - P  
Prof P B Shitole - P  
Prof N V Bhosale - P  
Prof V C Maindargi - P  
Prof A R Deshpande - P  
Prof P D Paikrao - P  
Prof Y A Ajmera - P  
Prof M V Joshi - P  
Prof S Y Bansode - P  
Prof B S Chavan - P

## Online Meeting (Zoom App) Pics



## Online Parents Meeting (Zoom App) :

### TPCT's College of Engineering, Osmanabad Department of Electronics and Telecommunication A Report On Parents Meet 19-20(2)

Department of Electronics and Telecommunication Parents Meet was organized on 13/05/2020 (Lockdown 3.0) at 01:00pm on Zoom meeting App.

All parents of students from S Y BTech, TE and BE were invited for meeting through Whatsapp, phones and e-mail. Hon. Principal, Dean Academics, all Heads of other departments and Heads of different committees were also invited for meeting. Also Department Academic coordinator and all faculty members were called to attend the meeting. Around 30 parents and 16 staff were present to grace this activity.

At 01:00pm meeting started with brief introduction about objectives of Parents Meeting during the Lockdown 3.0 by Prof Mrs N V Bhosale, Department Academic coordinator.

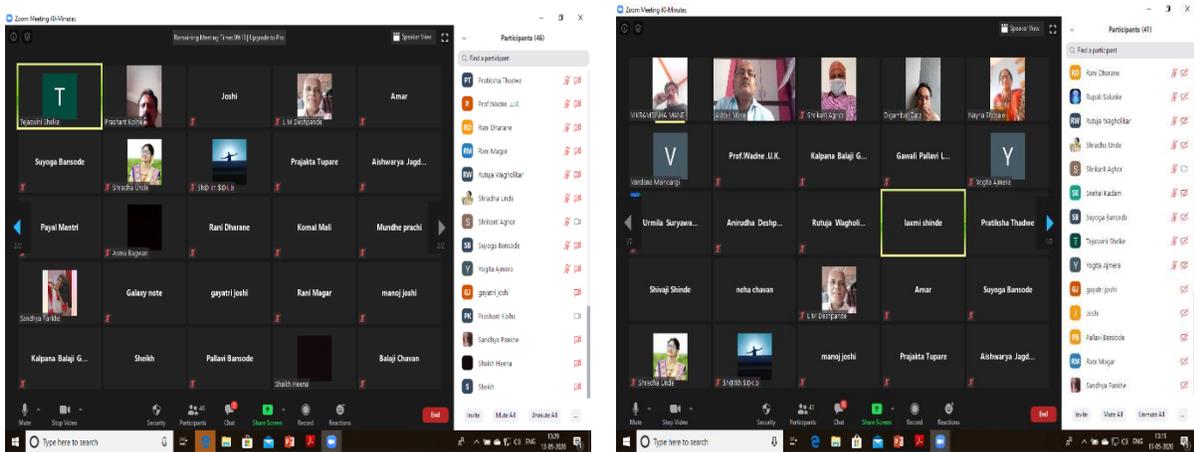


After formal inauguration, Prof A P Mane, Head of Electronics and Telecommunication Department, elaborated the academic and other activities carried out by the students, faculties and department in the COVID-19 situation in Lockdown 1.0, 2.0 and 3.0. Mainly he focuses on completion of syllabus of each

subject to avoid the academic loss of students. Then he appreciated the efforts taken by students and faculties for completion of different e-certification courses to improve their knowledge.

He has also stated the involvement of department staff in social activities run by TPCT and College of Engineering, Osmanabad in the COVID-19 situation in Lockdown 1.0, 2.0 and 3.0.

In the second part, Hon. Principal, Dr V V Mane addressed Parents Meeting and he has discussed about different uniform academic activities and other activities implemented at college level. He has appreciated the work done by our students and support from their parents and faculties during Lockdown 1.0, 2.0 and 3.0. Also he advised parents and students to take care of themselves and follow the rules forwarded by GOI and GOM regarding prevention of COVID-19.



In the next session parents were allowed to ask queries, problems and these problems or difficulties were resolved by HOD and faculty members in the meeting itself.

Finally, on behalf of ECT department Prof Mrs N V Bhosale presented vote of thanks to all Parents/students and all respected invited authorities.

## 7. Seminars/Webinars/Workshops/FDPs/STTPs/

### e-Certificate Courses/Quiz/etc. attended by faculty:

During the lockdown period, some of the faculties had taken the advantage of various seminars, webinars, workshops, FDPs, short term training program, e-certificate courses, quiz, etc. offered by various organizations to enhance their academics. Some of the major activities by faculties are listed below.

#### 1)Prof A P Mane

Sr No	Activity	Activity Title	Activity Duration	From	To	Activity Organized by	Remark
1	Live Lecture	NPTEL on The Joy of Teaching by Prof C Balaji	1 days	19/04/20	19/04/20	IIT Madras	--
2	Online Workshop	Workshop on Intellectual Property Rights	1 days	10/04/20	10/04/20	PDP University In Association with IPPO	--
3	Webinar	Webinar on Impact of Global Pandemic on Engineering	1 days	06/05/20	06/05/20	MIT, Aurangabad	Certificate awarded
4	FDP	One week online FDP on ICT tools for Effective Teaching Learning	1 week	11/05/20	16/05/20	SRTMU, Nanded	Certificate awarded
5	FDP	FDP on NAAC Awareness Programme for Faculty	7 Days	08/05/20	14/05/20	Marathwada Mitra Mandals Institute of Technology, (MMIT), Lohgaon, Pune	Certificate awarded



### **3) Prof.S.G.Shinde**

<b>Sr No</b>	<b>Activity</b>	<b>Activity Title</b>	<b>Activity Duration</b>	<b>From</b>	<b>To</b>	<b>Activity Organized by</b>	<b>Remark</b>
1	FDP	FDP on Incorporating Universal Human Values in Technical Education	5 Days	10/04/2020	14/04/20	IIT (BHU) Varanasi	Certificate awaited
2	FDP	FDP on NAAC Awareness Programme for Faculty	7 Days	08/05/2020	14/05/20	Marathwada Mitra Mandals Institute of Technology, (MMIT), Lohgaon, Pune	Certificate awarded
3	Online Lecture	Interactive Session on "How to Prepare for NBA	1 Days	09/05/2020	-	G.S. Mandal's Maharashtra Institute of Technology, Aurangabad	Certificate awaited
4	Webinar	Webinar on Outcomes based education	1 Days	28/03/2020	-	Ajay Bhagwat Director of Inpods India private limited, Pune	Certificate awarded
5	Webinar	Webinar on Online Teaching - Learning and Online Assessment platform	2 Hours	29/04/2020	-	Ajay Bhagwat Director of Inpods India private limited, Pune	Certificate awarded
6	Webinar	Webinar on Online Teaching-learning and Online assessment demo	2 Hours	30/04/2020	-	Ajay Bhagwat Director of Inpods India private limited, Pune	Certificate awarded
7	Webinar	Webinar on Accreditation Management System Demo	2 Hours	06/05/2020	-	Ajay Bhagwat Director of Inpods India private limited, Pune	Certificate awarded
8	Webinar	Webinar on Identifying weaker students and remedial actions	2 Hours	02/05/2020	-	Ajay Bhagwat Director of Inpods India private limited, Pune	Certificate awarded

#### 4) Prof S G Aghor

Sr No	Activity	Activity Title	Activity Duration	From	To	Activity Organized by	Remark
NIL							

#### 5) Prof P S Kolhe

Sr No	Activity	Activity Title	Activity Duration	From	To	Activity Organized by	Remark
NIL							

#### 6) Prof P B Shitole

Sr No	Activity	Activity Title	Activity Duration	From	To	Activity Organized by	Remark
NIL							

## 7) Prof N V Bhosale

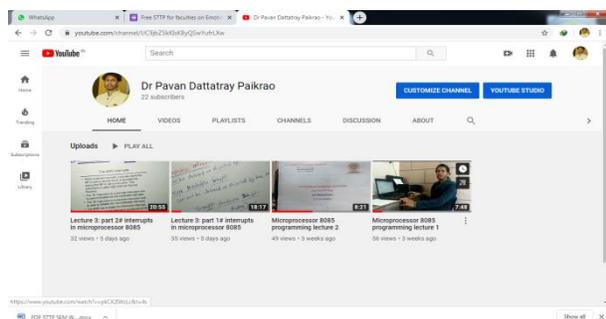
Sr No	Activity	Activity Title	Activity Duration	From	To	Activity Organized by	Remark
1	STTP	STTP on Emotional Intelligence Using AI , ML & Python	5 Days	01/05/2020	05/05/20	Build my project	Certificate awarded
2	e-course	SOLOLEARN Python 3 Course	3 Days	03/05/2020	04/05/20	SoloLearn	Certificate awarded
3	e-course	SOLOLEARN Machine Learning Course	3 Days	05/05/2020	07/05/20	SoloLearn	Certificate awarded
4	Webinar	Webinar on Online Teaching-learning and Online assessment Platform	2 Hr.	29/04/2020	-	Ajay Bhagwat Director of Inpods India private limited, Pune	Certificate awarded
5	Webinar	Webinar on Online Teaching-learning and Online assessment demo	2 Hr.	30/04/2020	-	Ajay Bhagwat Director of Inpods India private limited, Pune	Certificate awarded
6	Webinar	Webinar on Online turnitin: training program	2 Hr.	20/04/2020	-	Varun piplani	-
7	Webinar	Webinar on deep learning	2 Hours	07/04/2020	-	Matlab	Certificate awaited
8	Webinar	Webinar on Identifying weaker students and remedial actions	2 Hours	02/05/2020	-	Ajay Bhagwat Director of Inpods India private limited, Pune	Certificate awaited

## 8) Prof V C Maindargi

Sr No	Activity	Activity Title	Activity Duration	From	To	Activity Organized by	Remark
1	STTP	STTP on Emotional Intelligence Using AI , ML & Python	5 Days	01/05/2020	05/05/20	Build my project	Certificate awarded
2	e-course	SOLOLEARN Python 3 Tutorial course	3 Days	08/05/2020	14/05/20	Sololearn Team	Certificate awarded
3	Webinar	Webinar on 'How Rule based Recommendation systems work ?'	1 Days	07/05/2020	-	Mayuresh Shilotri , Co- founder Grey-Atom	Certificate awaited
4	Webinar	Webinar on Online Teaching-learning and Online assessment demo	2 Hr.	30/04/2020	-	Ajay Bhagwat Director of Inpods India private limited, Pune	Certificate awarded
5	Webinar	Covid – 19 Awareness Program	1 Hr.	29/04/2020	-	NSS & SSD management center shivaji university, Kolhapur	Certificate awarded
6	Webinar	Webinar on Identifying weaker students and remedial actions	2 Hours	02/05/2020	-	Ajay Bhagwat Director of Inpods India Pvt. Ltd. Pune	Certificate awaited

## 9) Prof P D Paikrao

Sr No	Activity	Activity Title	Activity Duration	From	To	Activity Organized by	Remark
1	Created YouTube channel	YouTube channel <b>Dr. Pavan Dattatray Paikrao</b> on Microprocessor		16/04/2020	03/05/2020	Self	<a href="https://www.youtube.com/channel/UC9jbZSkKIsK8yQSwYufrLXw">https://www.youtube.com/channel/UC9jbZSkKIsK8yQSwYufrLXw</a>
2	STTP	Emotional Intelligence with AI & ML	5 days	1/05/2020	05/05/2020	Build My Project	Certificate awaiting
3	Webinar	Webinar on Deep Learning	1 day	07/04/2020	07/04/2020		Certificate awaiting
4	Awareness Programme	NAAC Awareness Programme		08/05/2020	14/05/2020	Marathwada Mitra Mandals Institute of Technology, (MMIT), Lohgaon, Pune	Certificate awarded
5	Research paper submitted	Analyzing Effect of Acoustic Environment Deficits on Speech Emotion Recognition using Modulation Domain Speech Enhancement				In collaboration post doc faculty Ziyangsu university, china	Under review
6	awareness program	Covid -19 awareness program	1 day	29/05/2020		Shivaji university khoapur	Certificate awarded



Sr. 1 YouTube channel



Sr No. 4 NAAC Awareness Programme

**\*Summery of FDP/PDP/Webinar/Seminar/STTP/Workshops/Quiz etc. organized and participated by dept. faculties during the Lockdown is given below-**

Sr. No	Name of faculty	FDP/PDP	Webinar/Seminar	STTP	W/S	Certification courses	Quiz	other	Total
01	Prof A P Mane	05	05	--	02	--	04	--	16
02	Prof L M Deshpande	01	--	--	01	--	01	--	03
03	Prof S G Shinde	03	06	--	01	--	01	01	12
04	Prof S G Aghor	03	08	--	01	--	08	--	20
05	Prof P S Kolhe	01	01	--	01	01	02	--	06
06	Prof P B Shitole	01	01	--	--	--	02	02	06
07	Prof N V Bhosale	06	10	02	02	03	07	03	33
08	Prof V C Maindargi	04	05	02	02	03	07	03	26
09	Prof A R Deshpande	06	20+04	+06	01	04+04	04	01	50
10	Prof P D Paikrao	04+01	04+01	01	--	--	03+01	01	16

## 8. Online Certification Courses by Students:

TPCT's College of Engineering ,Osmanabad provided facility to the students and faculties to access exclusive and licenced courses world class technologies of eminent companies like CISCO and MATHWORKS and Organizations like Manipal University . These courses are beneficial to have fundamental knowledge of Computer Networking , Cloud Computing, Neural Networks , DBMS, BIGDATA ,Embedded Systems , Image Processing ,Video Processing ,Speech Processing , Machine Learning, DataScience, Deep Learning and more than 2000 topics. Following is the Status of Students and Faculty Course Completion till 08/05/2020 and during the Corona Pandemic Situations.

### Course Wise Student Activity Report :

<b>Sr. No.</b>	<b>Name of the Course</b>	<b>Participants Completed the Course till 08/05/2020</b>
1	MATLAB Onramp	19
2	Machine Learning Onramp	09
3	Deep Learning Onrmp	06
4	MATLAB Fundamentals	02
5	MATLAB Data Processing and Data Visualization	01
6	Cisco Routing and Switching : Introduction to Networks*	24*
7	CISCO & ISTE sponsored CODATHON "PYTHON " Programming Competitions	18
8	CISCO Mobility Fundamentals	09
9	CISCO Mobility Fundamentals :W. Technology & Standards	03
10	CISCO Mobility Fundamentals: WLAN Security	01
11	CISCO Mobility Fundamentals : Wireless Router & Client Configuration	01
12	CISCO Mobility Fundamentals : Wirless LAN Netowrks	01

13	Manipal Pro Learn Courses : Cloud Essentials	04
14	CISCO NDG Linux Unhatched	01
15	TATA Steel E Learning Course : Power Electronics ,ML	02
16	CISCO Cyber Security Essentials	01
17	CISCO Introduction to Cyber Security	05
18	Coursera	01
19	TCS iON eLearning ,Carrer Edge :Knockdown the lockdown	06
20	TCS iON eLearning : Interview Skills	01
21	TCSiON eLearning : Computer Netowrks	01
22	TCSiON eLearning:Communication Skills	01
23	CISCO CLA Programming Essentials in C	03
24	Introduction to Statistical Methods with MATLAB	01
25	Introduction to Linear Algebra with MATLAB	01
	<b>TOTAL</b>	<b>122</b>

**Prof. Anirudha Deshpande**  
**CISCO , Mathworks, Manipal ProLearn**  
**Online Course Coordinator**

**Prof.A.P.Mane**  
**H.O.D.**  
**E&TC Department**

**Dr.Vikramsinha Mane**  
**Principal**  
**TPCT'S COE ,Osmanabad**

## Online Course Certification

Title of the Course: **MATLAB Onramp**

List of the students completed the course:

Sr. No.	Name of the Student	Class(ECT)
1	Jyoti Londhe	BE
2	Kalpna Gavali	BE
3	Payal Mantri	BE
4	Prajakta Dhembare	BE
5	Pratiksha Thadwe	BE
6	Rani Dharane	BE
7	Rupali Salunke	BE
8	Rutuja Waghlikar	BE
9	Saakib Shaikh	BE
10	Shivani Giram	BE
11	Urmila Suryawanshi	BE
12	Varsha Dhokale	TE
13	Rutuja Sherkar	TE
14	Humaafroz Tamboli	ME
15	Rutuja Mane	BE
16	Shilpa Kalshetti	BE
17	Laxmi Shinde	BE
18	Monika Bandgar	TE
19	Anirudha Deshpande	Faculty(ECT)

**Certificate of Course Completion:**



## **Course Completion Certificate**

Humaafroz Tamboli

has successfully completed 100% of the self-paced training course

MATLAB Onramp



Craig Santos  
DIRECTOR, TRAINING SERVICES

05 April 2020



# Course Completion Certificate

Jyoti Londhe

has successfully completed **100%** of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

01 April 2020



## Course Completion Certificate

Kalpana Gavali

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

  
DIRECTOR, TRAINING SERVICES

31 March 2020



## Course Completion Certificate

payal mantri

has successfully completed 100% of the self-paced training course

MATLAB Onramp

A handwritten signature in black ink, appearing to read "Craig Santos".  

---

DIRECTOR, TRAINING SERVICES

03 April 2020



# Course Completion Certificate

Prajakta Dhembare

has successfully completed 100% of the self-paced training course

MATLAB Onramp



Craig L. Santos

DIRECTOR, TRAINING SERVICES

05 April 2020



# Course Completion Certificate

Pratiksha Thadwe

has successfully completed **100%** of the self-paced training course

MATLAB Onramp

  
DIRECTOR, TRAINING SERVICES

03 April 2020



## Course Completion Certificate

Rani Dharane

has successfully completed 100% of the self-paced training course

MATLAB Onramp

  
DIRECTOR, TRAINING SERVICES

03 April 2020



## Course Completion Certificate

Rupali Salunke

has successfully completed 100% of the self-paced training course

MATLAB Onramp

  
DIRECTOR, TRAINING SERVICES

31 March 2020



## **Course Completion Certificate**

Rutuja Mane

has successfully completed 100% of the self-paced training course

**MATLAB Onramp**



DIRECTOR, TRAINING SERVICES

03 April 2020



## **Course Completion Certificate**

Rutuja Sherkar

has successfully completed 100% of the self-paced training course

**MATLAB Onramp**



DIRECTOR, TRAINING SERVICES

05 April 2020



## Course Completion Certificate

rutuja Waghlikar

has successfully completed 100% of the self-paced training course

MATLAB Onramp

A handwritten signature in black ink, appearing to read "Craig L. Santos".

DIRECTOR, TRAINING SERVICES

04 April 2020



# Course Completion Certificate

Sakib Shaikh

has successfully completed 100% of the self-paced training course

**MATLAB Onramp**



DIRECTOR, TRAINING SERVICES

03 April 2020



## Course Completion Certificate

VARSHA DHOKLE

has successfully completed 100% of the self-paced training course

MATLAB Onramp

A handwritten signature in black ink, appearing to read "Ray Santos", written over a horizontal line.

DIRECTOR, TRAINING SERVICES

20 April 2020



## Course Completion Certificate

SHILPA KALSHETTI

has successfully completed 100% of the self-paced training course

MATLAB Onramp

A handwritten signature in black ink, appearing to read "Ray Santos", written over a horizontal line.

DIRECTOR, TRAINING SERVICES

07 April 2020



## Course Completion Certificate

Shivani Giram

has successfully completed 100% of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

03 April 2020



# Course Completion Certificate

URMILA SURYAWANSHI

has successfully completed 100% of the self-paced training course

MATLAB Onramp



\_\_\_\_\_  
DIRECTOR, TRAINING SERVICES

04 April 2020



## Course Completion Certificate

Anirudha Deshpande

has successfully completed 100% of the self-paced training course

MATLAB Onramp

A handwritten signature in black ink, appearing to read "Craig A. Santos".

DIRECTOR, TRAINING SERVICES

14 January 2020



# Course Completion Certificate

Laxmi Shinde

has successfully completed 100% of the self-paced training course

**MATLAB Onramp**



DIRECTOR, TRAINING SERVICES

01 April 2020

## Course Completion Certificate

MONIKA BANDGAR

has successfully completed 100% of the self-paced training course

MATLAB Onramp

  
DIRECTOR, TRAINING SERVICES

18 April 2020

Title of the Course: **Machine Learning Onramp**

List of the students completed the course:

Sr. No.	Name of the Student	Class
1	Jyoti Londhe	BE
2	Kalpna Gavali	BE
3	Neha Kale	TE
4	Shikpa Kalshetti	BE19
5	Pratiksha Thadwe	BE
6	Roshan Kocheta	BE
7	Shivani Giram	BE
8	Pallavi Hajgude	BE
9	Rutuja Sherkar	TE



# Course Completion Certificate

Jyoti Londhe

has successfully completed **100%** of the self-paced training course

Machine Learning Onramp

  
DIRECTOR, TRAINING SERVICES

12 April 2020



# Course Completion Certificate

Kalpana Gavali

has successfully completed **100%** of the self-paced training course

Machine Learning Onramp

  
DIRECTOR, TRAINING SERVICES

06 April 2020



# Course Completion Certificate

NEHA KALE

has successfully completed **100%** of the self-paced training course

Machine Learning Onramp



Craig J. Santos  
DIRECTOR, TRAINING SERVICES

13 April 2020



# Course Completion Certificate

Pratiksha Thadwe

has successfully completed 100% of the self-paced training course

Machine Learning Onramp



DIRECTOR, TRAINING SERVICES

05 April 2020

---



## Course Completion Certificate

ROSHAN KOCHETA

has successfully completed 100% of the self-paced training course

Machine Learning Onramp

DIRECTOR, TRAINING SERVICES

05 April 2020



## Course Completion Certificate

SHILPA KALSHETTI

has successfully completed 100% of the self-paced training course

Machine Learning Onramp

DIRECTOR, TRAINING SERVICES

09 April 2020



## Course Completion Certificate

Shivani Giram

has successfully completed 100% of the self-paced training course

Machine Learning Onramp

A handwritten signature in black ink, appearing to read "Rajesh Santosh".

DIRECTOR, TRAINING SERVICES

05 April 2020



## Course Completion Certificate

Pallavi Hajgude

has successfully completed 100% of the self-paced training course

Machine Learning Onramp



Craig A. Santos  
DIRECTOR, TRAINING SERVICES

12 April 2020

## Progress Report

**Name:** Rutuja Sherkar  
**Course:** Machine Learning Onramp  
**Progress:** 100% complete (as of 08 April 2020)

### Chapters

- 1. Overview of Machine Learning 100%
- 2. Classification Workflow 100%
- 3. Importing and Preprocessing Data 100%
- 4. Engineering Features 100%
- 5. Classification Models 100%
- 6. Conclusion 100%

Release: R2019b | Language: English

Title of the Course: **Deep Learning Onramp**

List of the students completed the course:

Sr. No.	Name of the Student	Class
1	Jyoti Londhe	BE
2	Kalpna Gavali	BE
3	Neha Kale	TE
4	Varsha Dhokale	TE
5	Rutuja Sherkar	TE
6	Pallavi Hajgude	BE



# Course Completion Certificate

Jyoti Londhe

has successfully completed **100%** of the self-paced training course

Deep Learning Onramp



DIRECTOR, TRAINING SERVICES

13 April 2020



# Course Completion Certificate

NEHA KALE

has successfully completed **100%** of the self-paced training course

Deep Learning Onramp



DIRECTOR, TRAINING SERVICES

14 April 2020



# Course Completion Certificate

Kalpana Gavali

has successfully completed **100%** of the self-paced training course

Deep Learning Onramp



DIRECTOR, TRAINING SERVICES

10 April 2020



## Progress Report

**Name:** Rutuja Sherkar  
**Course:** Deep Learning Onramp  
**Progress:** 100% complete (as of 12 April 2020)

### Chapters

1. Introduction 100%
2. Using Pretrained Networks 100%
3. Managing Collections of Image Data 100%
4. Performing Transfer Learning 100%
5. Conclusion 100%

Release: R2019b | Language: English

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## Course Completion Certificate

Pallavi Hajgude

has successfully completed 100% of the self-paced training course

Deep Learning Onramp

A handwritten signature in black ink, appearing to read "Craig Santos".

DIRECTOR, TRAINING SERVICES

12 April 2020



## Course Completion Certificate

VARSHA DHOKLE

has successfully completed 100% of the self-paced training course

Deep Learning Onramp



DIRECTOR, TRAINING SERVICES

28 April 2020

Title of the Course: **MATLAB Fundamentals**

List of the students completed the course:

Sr. No.	Name of the Student	Class
1	Neha Kale	TE
2	Jyoti Londhe	BE



# Course Completion Certificate

NEHA KALE

has successfully completed **100%** of the self-paced training course

MATLAB Fundamentals

A handwritten signature in black ink, appearing to read "Craig J. Santos".

DIRECTOR, TRAINING SERVICES

23 April 2020



# Course Completion Certificate

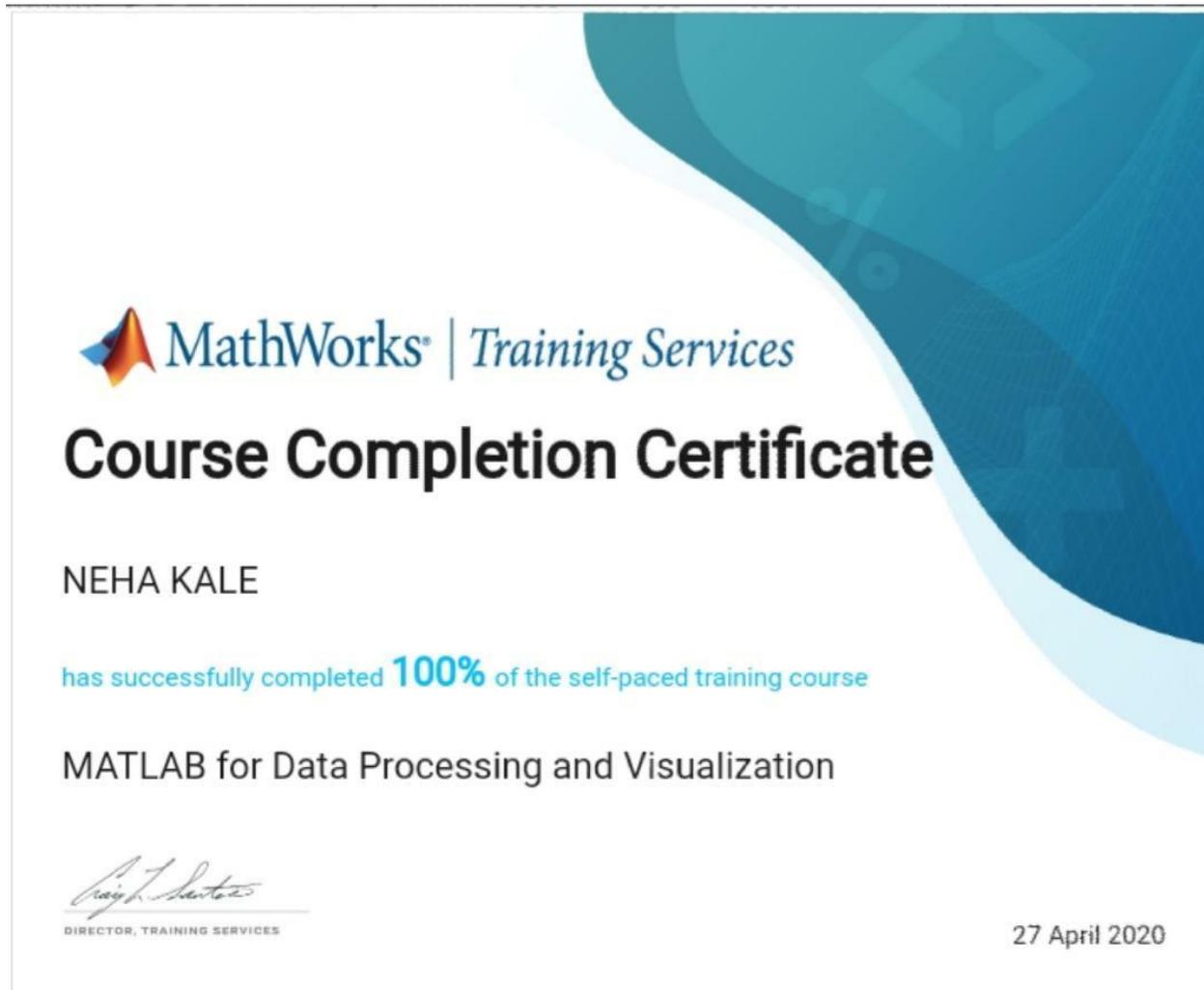
Jyoti Londhe

has successfully completed **100%** of the self-paced training course

MATLAB Fundamentals

Title of the Course: **MATLAB Data Processing and Data Visualization**  
List of the students completed the course:

Sr. No.	Name of the Student	Class
1	Neha Kale	TE



## Title of the Course: **Cisco Routing and Switching : Introduction to Networks**

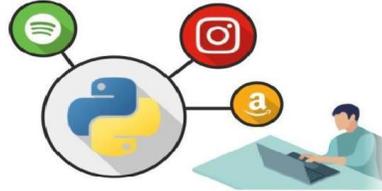
List of the students completed the course: Online work is complete, final hardware exam will be conducted after lockdown .

<input type="checkbox"/>	First Name	Last Name	St Email	LAST I	Cumul Grade	Final Exam	Cl
<input type="checkbox"/>	RUPALI	SALUNKE	<a href="mailto:rupalisalunke33@gmail.com">rupalisalunke33@gmail.com</a>	25 Apr 2020	82.76%	-	<input type="checkbox"/>
<input type="checkbox"/>	LAXMI	SHINDE	<a href="mailto:laxmishinde2199@gmail.com">laxmishinde2199@gmail.com</a>	10 May 2020	91.27%	-	<input type="checkbox"/>
<input type="checkbox"/>	SUPRIYA	DHUMALE	<a href="mailto:supriyadhume@gmail.com">supriyadhume@gmail.com</a>	10 Apr 2020	73.77%	-	<input type="checkbox"/>
<input type="checkbox"/>	RUTUJA	WAGHOLIKAR	<a href="mailto:rutuja.vmw18@gmail.com">rutuja.vmw18@gmail.com</a>	4 May 2020	76.27%	-	<input type="checkbox"/>
<input type="checkbox"/>	PAYAL	MANTRI	<a href="mailto:pmantri4706@gmail.com">pmantri4706@gmail.com</a>	24 Apr 2020	77.48%	-	<input type="checkbox"/>
<input type="checkbox"/>	PRAJAKTA	DHEMBARE	<a href="mailto:prajaktadhem1998@gmail.com">prajaktadhem1998@gmail.com</a>	4 May 2020	84.84%	-	<input type="checkbox"/>
<input type="checkbox"/>	KALPANA	GAVALI	<a href="mailto:kalpanagavali5@gmail.com">kalpanagavali5@gmail.com</a>	3 May 2020	85.80%	-	<input type="checkbox"/>
<input type="checkbox"/>	PALLAVI	HAJGUDE	<a href="mailto:pallavihajgude@gmail.com">pallavihajgude@gmail.com</a>	25 Apr 2020	89.39%	-	<input type="checkbox"/>
<input type="checkbox"/>	KOMAL	MALI	<a href="mailto:mali.komal@outlook.com">mali.komal@outlook.com</a>	8 May 2020	88.61%	-	<input type="checkbox"/>
<input type="checkbox"/>	SHAGUFTA	SHAIKH	<a href="mailto:sshagufta795@gmail.com">sshagufta795@gmail.com</a>	26 Apr 2020	82.55%	-	<input type="checkbox"/>
<input type="checkbox"/>	TANZEEM	PATHAN	<a href="mailto:tanzeempathan11@gmail.com">tanzeempathan11@gmail.com</a>	27 Apr 2020	80.76%	-	<input type="checkbox"/>
<input type="checkbox"/>	JYOTI	LONDHE	<a href="mailto:jjyotilondhe416@gmail.com">jjyotilondhe416@gmail.com</a>	12 May 2020	84.74%	-	<input type="checkbox"/>
<input type="checkbox"/>	NEHA	KALE	<a href="mailto:nehakale0123@gmail.com">nehakale0123@gmail.com</a>	30 Apr 2020	39.36%	-	<input type="checkbox"/>
<input type="checkbox"/>	POOJA	SHELKE	<a href="mailto:poojarshelke6788@gmail.com">poojarshelke6788@gmail.com</a>	8 Nov 2019	31.80%	-	<input type="checkbox"/>
<input type="checkbox"/>	PRAJAKTA	TUPARE	<a href="mailto:tupareprajakta05@gmail.com">tupareprajakta05@gmail.com</a>	11 May 2020	36.70%	-	<input type="checkbox"/>
<input type="checkbox"/>	SHUBHANGI	SURYAWANSHI	<a href="mailto:suryawanshishubhangi2017@gmail.com">suryawanshishubhangi2017@gmail.com</a>	18 Oct 2019	33.40%	-	<input type="checkbox"/>
<input type="checkbox"/>	RUTUJA	SHERKAR	<a href="mailto:rutujasherkar1999@gmail.com">rutujasherkar1999@gmail.com</a>	12 May 2020	53.09%	-	<input type="checkbox"/>
<input type="checkbox"/>	RAHUL	ANDURE	<a href="mailto:andurerahul416@gmail.com">andurerahul416@gmail.com</a>	22 Apr 2020	48.09%	-	<input type="checkbox"/>
<input type="checkbox"/>	AMARJA	DESHMUKH	<a href="mailto:amarajadeshmukh1212@gmail.com">amarajadeshmukh1212@gmail.com</a>	7 Apr 2020	33.95%	-	<input type="checkbox"/>
<input type="checkbox"/>	VARSHA	DHOKALE	<a href="mailto:Varshedhokale99@gmail.com">Varshedhokale99@gmail.com</a>	10 May 2020	-	-	<input type="checkbox"/>
<input type="checkbox"/>	PRATIKSHA	VHATKAR	<a href="mailto:1..pratikshavhatkar001@gmail.com">1..pratikshavhatkar001@gmail.com</a>	22 Apr 2020	28.50%	-	<input type="checkbox"/>
<input type="checkbox"/>	MONIKA	BANDGAR	<a href="mailto:bandgarmonika70@gmail.com">bandgarmonika70@gmail.com</a>	10 May 2020	38.90%	-	<input type="checkbox"/>
<input type="checkbox"/>	AISHWARYA	SUTAR	<a href="mailto:aishwaryasutar312@gmail.com">aishwaryasutar312@gmail.com</a>	2 May 2020	33.20%	-	<input type="checkbox"/>
<input type="checkbox"/>	AMIR	SHAIKH	<a href="mailto:amirshaikh@gmail.com">amirshaikh@gmail.com</a>	25 Apr 2020	71.90%	-	<input type="checkbox"/>

Title of the Course: **CISCO & ISTE sponsored CODATHON “PYTHON “  
Programming Competitions**

List of the students completed the course:

Sr. No.	Name of the Student	Class
1	Aishwarya Jagdale	BE
2	Amir Shaikh	TE
3	Jyoti Londhe	BE
4	Kalpna Gawali	BE
5	Laxmi Shinde	BE
6	Monika Bandgar	TE
7	Payal Mantri	BE
8	Pratiksha Vhatkar	TE
9	Rani Dharane	BE
10	Roshan Kocheta	BE
11	Rupali Salunke	BE
12	Rutuja Sherkar	TE
13	Saakib Shaikh	BE
14	Tanzeem Pathan	TE
15	Shagufta Shaikh	TE
16	Varsha Dhokle	TE



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**Prof. Vijay D. Vaidya**  
Executive Secretary  
India Society of Technical Education  
New Delhi, India

**Mr. Anurag Srivastava**  
Program Manager  
Corporate Affairs - Asia Pacific  
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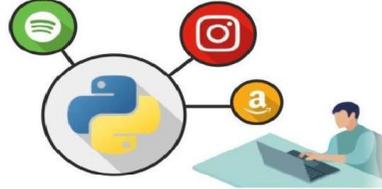
for participating in

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India Society of Technical Education  
New Delhi, India

**Mr. Anurag Srivastava**  
Program Manager  
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Program Manager  
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**Rupali Salunke**

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Executive Secretary  
India Society of Technical Education  
New Delhi, India

**Mr. Anurag Srivastava**  
Program Manager  
Corporate Affairs - Asia Pacific  
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**Mr. Shubhajt Jagadev**  
Executive Director, EduSkills  
Head, Cisco ASC & ITC, India  
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Awarded to

Rutuja Sherkar

for participating in

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Executive Secretary  
India Society of Technical Education  
New Delhi, India

**Mr. Anurag Srivastava**  
Program Manager  
Corporate Affairs - Asia Pacific  
Cisco Systems

**Mr. Shubhajt Jagadev**  
Executive Director, EduSkills  
Head, Cisco ASC & ITC, India  
NetAcad Advisory Board Member



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## *Certificate of Participation*

Awarded to  
**Sakib Shaikh**

for participating in

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Executive Secretary  
India Society of Technical Education  
New Delhi, India

**Mr. Anurag Srivastava**  
Program Manager  
Corporate Affairs - Asia Pacific  
Cisco Systems

**Mr. Shubhajt Jagadev**  
Executive Director, EduSkills  
Head, Cisco ASC & ITC, India  
NetAcad Advisory Board Member



# PCAP: Programming Essentials in Python

## Statement of Achievement

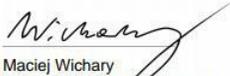
Presented To:

**TANZEEM PATHAN**

Name

During the Cisco Networking Academy® self-paced course, the student has studied the following Skills:

- the universal concepts of computer programming (i.e. variables, flow control, data structures, algorithms, conditional execution, loops, functions, etc.)
- developer tools and the runtime environment;
- the syntax and semantics of the Python language;
- the fundamentals of object-oriented programming and the way they are adopted in Python;
- the means by which to resolve typical implementation problems;
- the writing of Python programs using standard language infrastructure;
- fundamental programming techniques, best practices, customs and vocabulary, including the most common library function in Python 3;

  
Maciej Wichary  
VP, OpenEDG Python Institute

**21 Apr 2020**

Date

By completing the course, the student is now ready to attempt the qualification PCAP-Certified Associate in Python Programming certification, from the OpenEDG Python Institute.

[www.netacad.com](http://www.netacad.com) | [www.pythoninstitute.org](http://www.pythoninstitute.org)

## Statement of Achievement

Presented To:

**SHAGUFTA SHAIKH**

Name

During the Cisco Networking Academy® self-paced course, the student has studied the following Skills:

- the universal concepts of computer programming (i.e. variables, flow control, data structures, algorithms, conditional execution, loops, functions, etc.)
- developer tools and the runtime environment;
- the syntax and semantics of the Python language;
- the fundamentals of object-oriented programming and the way they are adopted in Python;
- the means by which to resolve typical implementation problems;
- the writing of Python programs using standard language infrastructure;
- fundamental programming techniques, best practices, customs and vocabulary, including the most common library function in Python 3;

  
Maciej Wichary  
VP, OpenEDG Python Institute

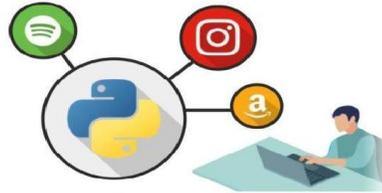
**11 Apr 2020**

Date

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By completing the course, the student is now ready to attempt the qualification PCAP-Certified Associate in Python Programming certification, from the OpenEDG Python Institute.

[www.netacad.com](http://www.netacad.com) | [www.pythoninstitute.org](http://www.pythoninstitute.org)



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varsha dhokle

for participating in

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Executive Secretary  
India Society of Technical Education  
New Delhi, India

**Mr. Anurag Srivastava**  
Program Manager  
Corporate Affairs - Asia Pacific  
Cisco Systems

**Mr. Shubhajt Jagadev**  
Executive Director, EduSkills  
Head, Cisco ASC & ITC, India  
NetAcad Advisory Board Member

Rutuja	Sherkar	rutujasherkar1999@gmail.com	COLLEGE OF ENGINEERING OSMANABAD
prajkta	kedare	kedareprajkta1234@gmail.com	COLLEGE OF ENGINEERING OSMANABAD
Jyoti	Londhe	Jyotilondhe416@gmail.com	COLLEGE OF ENGINEERING OSMANABAD
Amir	Shaikh	amirshaikh@gmail.com	COLLEGE OF ENGINEERING OSMANABAD
Rutuja	Andhare	rutuandhare35@gmail.com	COLLEGE OF ENGINEERING OSMANABAD
varsha	dhokle	varshadhokle99@gmail.com	COLLEGE OF ENGINEERING OSMANABAD
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Khadija	Shaikh	khadijashaikh1010@gmail.com	COLLEGE OF ENGINEERING OSMANABAD
Payal	Mantri	pmantri4706@gmail.com	COLLEGE OF ENGINEERING OSMANABAD
Rupali	Salunke	rupalisalunke33@gmail.com	COLLEGE OF ENGINEERING OSMANABAD
Vaishnavi	Vhatkar	vaishnavicvhatkar@gmail.com	COLLEGE OF ENGINEERING OSMANABAD
Pratiksha	Vhatkar	pratikshavhatkar001@gmail.com	COLLEGE OF ENGINEERING OSMANABAD
Laxmi	Shinde	laxmishinde2199@gmail.com	COLLEGE OF ENGINEERING OSMANABAD
Kalpana	Gavali	kalpanagavali5@gmail.com	COLLEGE OF ENGINEERING OSMANABAD
Aishwarya	Jagdale	jagdaleaishwarya2@gmail.com	COLLEGE OF ENGINEERING OSMANABAD

Sekib	Shaikh	sakibshaikh175@gmail.com	COLLEGE OF ENGINEERING OSMANABAD
ROSHAN	KOCHETA	rkccheta10895@gmail.com	COLLEGE OF ENGINEERING OSMANABAD
Rani	Dharene	ranidharane8888@gmail.com	COLLEGE OF ENGINEERING OSMANABAD

## तेरणा अभियांत्रिकीच्या विद्यार्थ्यांचे 'कोडेथॉन'मध्ये यश

**प्रतिनिधी | उस्मानाबाद**  
सिस्को आयएसटीई कोडेथॉन २०२० या राष्ट्रीय स्तरावरील प्रोग्रामिंग स्पर्धेत येथील तेरणा अभियांत्रिकी महाविद्यालयातील १८ विद्यार्थी दुसऱ्या फेरीसाठी पात्र ठरले आहेत. इलेक्ट्रॉनिक्स अँड टेलिकम्युनिकेशन विभागातील १४ विद्यार्थी आणि कॉम्प्युटर अँड सायन्स इंजिनिअरिंग विभागातील ४

विद्यार्थ्यांनी हे यश मिळवले आहे. तसेच ऋतुजा शेरकर, प्राजक्ता केदारे, ज्योती लोंढे, ऋतुजा अंधारे, वर्षा ढोकळे, मोनिका बंडगर, खदिजा शेख, पायल मंत्री, रुपाली साळुंके, वैष्णवी व्हटकर, प्रतीक्षा व्हटकर, लक्ष्मी शिंदे, कल्पना गवळी, ऐश्वर्या जगदाळे, राणी धरणे, साकिब शेख, रोशन कोचेटा आणि आमिर शेख या विद्यार्थ्यांची पुढील फेरीसाठी निवड झाली आहे. तसेच शगुप्ता शेख यांना

सहभाग प्रमाण पत्र मिळाले. प्रोग्रामिंग एसेन्शियल इन पायथॉन प्रोग्रामिंग हा कोर्स या विद्यार्थ्यांनी पूर्ण केला आहे. विद्यार्थ्यांना नवनवीन स्पर्धेसाठी आणि प्लेसमेंटसाठी आवश्यक अहर्ता प्राप्त करण्याचे सर्व कोर्सेस उपलब्ध करून देण्यात आले आहेत. विद्यार्थी याचा उपयोग करत आहेत. तसेच चांगले पॅकेज मुलांना मिळत आहे, असे महाविद्यालयाचे प्राचार्य डॉ. विक्रमसिंह माने यांनी सांगितले.

विद्यार्थ्यांना स्पर्धेच्या नोंदणी तसेच तांत्रिक बाबींची माहिती देण्याचे काम प्रा. अनिरुद्ध देशपांडे यांनी पहिले. या स्पर्धेत देशातील ४०० पेक्षा अधिक अभियांत्रिकी महाविद्यालये सहभागी होतात. अभियांत्रिकी विद्यार्थ्यांच्या क्षमता आणि गुणवत्ता चाचणी स्पर्धेत होते. विद्यार्थ्यांना पुढील प्लेसमेंटसाठी आणि सर्टिफिकेशनसाठी ही स्पर्धा महत्त्वपूर्ण ठरते. विद्यार्थ्यांच्या या यशाबद्दल संस्थेचे अध्यक्ष

डॉ. पद्मसिंह पाटील, आमदार राणाजगजितसिंह पाटील, सर्व विश्वस्त, तेरणा ट्रस्ट उस्मानाबादचे व्यवस्थापकीय समन्वयक प्रा. एम. डी. पाटील, प्राचार्य डॉ. विक्रमसिंह माने, महाविद्यालयाचे डीन अकॅडेमिक्स डॉ. डी. डी. दाते, इलेक्ट्रॉनिक्स अँड टेलिकम्युनिकेशन विभागप्रमुख प्रा. ए. पी. माने, कॉम्प्युटर सायन्स आणि इंजिनिअरिंग विभागप्रमुख प्रा. सुजाता गायकवाड यांनी कौतुक केले.

खर्च  
आर  
कर्म  
करण  
संस  
असु  
राहण  
वेळी  
काळे  
मोचो  
सरपं  
सुधी  
चंदन  
शिंदे  
करण

## तेरणा अभियांत्रिकीच्या २० विद्यार्थ्यांचे राष्ट्रीय स्तरावरील कोडेथॉनमध्ये यश

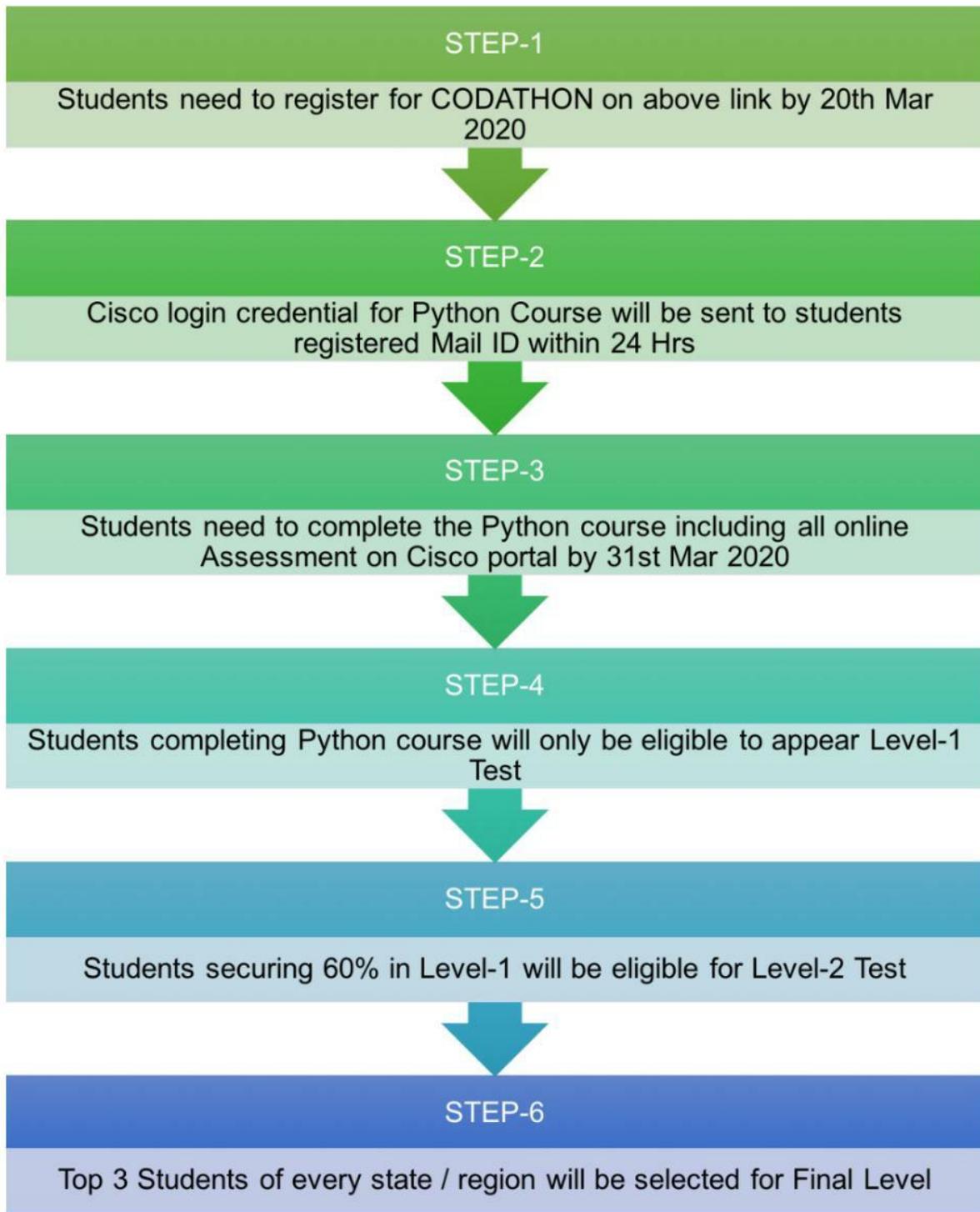
**उस्मानाबाद – समय सारथी**

सिस्को आयएसटीई कोडेथॉन २०२० हि राष्ट्रीय स्तरावरील प्रोग्रामिंग स्पर्धा असते. हि स्पर्धा संपूर्णतः ऑनलाईन पध्दतीने घेतले जाते. देशातील ४०० हून अधिक अभियांत्रिकी महाविद्यालये या स्पर्धेत सहभागी होत असतात. अभियांत्रिकी विद्यार्थ्यांच्या क्षमता आणि गुणवत्ता चाचणी या स्पर्धेत होते. विद्यार्थ्यांना पुढील प्लेसमेंट साठी आणि सर्टिफिकेशन साठी हि स्पर्धा महत्त्वपूर्ण ठरते. तेरणा अभियांत्रिकी महाविद्यालयातील १९ विद्यार्थी दुसऱ्या फेरीसाठी पात्र ठरले आहेत. इलेक्ट्रॉनिक्स अँड टेलिकम्युनिकेशन विभागातील १५ विद्यार्थी, कॉम्प्युटर अँड सायन्स इंजिनिअरिंग विभागातील ०३ विद्यार्थ्यांनी, सिव्हिल विभागातील

०१ विद्यार्थ्यांनी हे यश मिळवले आहे. ऋतुजा शेरकर, प्राजक्ता केदारे, ज्योती लोंढे, ऋतुजा अंधारे, वर्षा ढोकळे, मोनिका बंडगर, खदिजा शेख, पायल मंत्री, रुपाली साळुंके, वैष्णवी व्हटकर, प्रतीक्षा व्हटकर, लक्ष्मी शिंदे, कल्पना गवळी, ऐश्वर्या जगदाळे, राणी धरणे, ऋतुजा मारवाडकर, साकिब शेख, रोशन कोचेटा आणि आमिर शेख या विद्यार्थ्यांची पुढील फेरी साठी निवड झाली आहे. तसेच शगुप्ता शेख यांना सहभाग प्रमाण पत्र मिळाले. प्रोग्रामिंग इसेन्शियल इन पायथॉन प्रोग्रामिंग हा कोर्स या विद्यार्थ्यांनी पूर्ण केला आहे. विद्यार्थ्यांना नवनवीन स्पर्धेसाठी आणि प्लेसमेंट साठी आवश्यक अहर्ता प्राप्त करण्याचे सर्व कोर्सेस उपलब्ध करून देण्यात आले आहेत आणि विद्यार्थी याचा उस्फूर्तनपणे

उपयोग करत आहेत तसेच चांगल्या पॅकेज मुलांना मिळत आहे असे महाविद्यालयाचे प्राचार्य डॉ. विक्रमसिंह माने यांनी सांगितले. विद्यार्थ्यांना स्पर्धेच्या नोंदणी तसेच तांत्रिक बाबींची माहिती देण्याचे काम प्रा. अनिरुद्ध देशपांडे यांनी पहिले. विद्यार्थ्यांच्या या यशाबद्दल संस्थेचे अध्यक्ष डॉ. पद्मसिंह पाटील, आमदार राणाजगजितसिंह पाटील, सर्व विश्वस्त, तेरणा ट्रस्ट उस्मानाबादचे व्यवस्थापकीय समन्वयक प्रा. एम. डी. पाटील, प्राचार्य डॉ. विक्रमसिंह माने, महाविद्यालयाचे डीन अकॅडेमिक्स डॉ. डी. डी. दाते, इलेक्ट्रॉनिक्स अँड टेलिकम्युनिकेशन विभाग प्रमुख प्रा. ए. पी. माने, कॉम्प्युटर सायन्स आणि इंजिनिअरिंग विभाग प्रमुख प्रा. सुजाता गायकवाड यांनी त्यांचे अभिनंदन केले.

CODATHON PROCESS



Title of the Course: **CISCO MOBILITY FUNDAMENTALS**

List of the students completed the course:

Sr. No.	Name of the Student	Class
1	Kalpana GaVali	BE
2	Prajakta Tupare	TE
3	Rutuja Sherkar	TE
4	Jyoti Londhe	BE
5	Rupali Salunke	BE
6	Tanzeem Pathan	TE
7	Shagufta Shaikh	TE
8	Prajakta Dhembare	BE
9	Monika Bandgar	TE

## Mobility Fundamentals

For completing the Cisco Networking Academy® Mobility Fundamentals course, and demonstrating the ability to do the following:

- Explain the needs, aspects and technical benefits of wireless technologies
- Explain Wireless LAN standards, components, operation and plan a deployment
- Configure Wireless LAN access point, router and client
- Set up a home network
- Explain Wireless LAN security – threats, vulnerabilities, protocols and mitigation technologies
- Understand how to troubleshoot Wireless LANs
- Explain Bring Your Own Device – benefits, challenges, design and solution

**KALPANA GAVALI**

Student

**TPCT's College of Engineering Osmanabad**

Academy Name

**India**

Location

**19 Apr 2020**

Date

**Anirudha Deshpande**

Instructor

Instructor Signature

## Mobility Fundamentals

For completing the Cisco Networking Academy® Mobility Fundamentals course, and demonstrating the ability to do the following:

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- Understand how to troubleshoot Wireless LANs
- Explain Bring Your Own Device – benefits, challenges, design and solution

**PRAJAKTA TUPARE**

Student

**TPCT's College of Engineering Osmanabad**

Academy Name

**India**

Location

**19 Apr 2020**

Date

**Anirudha Deshpande**

Instructor

Instructor Signature

---

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- Understand how to troubleshoot Wireless LANs
- Explain Bring Your Own Device – benefits, challenges, design and solution

**RUTUJA SHERKAR**

Student

**TPCT's College of Engineering Osmanabad**

Academy Name

**India**

Location

**19 Apr 2020**

Date

**Anirudha Deshpande**

Instructor

Instructor Signature

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- Set up a home network
- Explain Wireless LAN security – threats, vulnerabilities, protocols and mitigation technologies
- Understand how to troubleshoot Wireless LANs
- Explain Bring Your Own Device – benefits, challenges, design and solution

**JYOTI LONDHE**

Student

**TPCT's College of Engineering Osmanabad**

Academy Name

**India**

Location

**24 Apr 2020**

Date

**Anirudha Deshpande**

Instructor

Instructor Signature

## Mobility Fundamentals

For completing the Cisco Networking Academy® Mobility Fundamentals course, and demonstrating the ability to do the following:

- Explain the needs, aspects and technical benefits of wireless technologies
- Explain Wireless LAN standards, components, operation and plan a deployment
- Configure Wireless LAN access point, router and client
- Set up a home network
- Explain Wireless LAN security – threats, vulnerabilities, protocols and mitigation technologies
- Understand how to troubleshoot Wireless LANs
- Explain Bring Your Own Device – benefits, challenges, design and solution

**RUPALI SALUNKE**

Student

**TPCT's College of Engineering Osmanabad**

Academy Name

**India**

Location

**24 Apr 2020**

Date

**Anirudha Deshpande**

Instructor

Instructor Signature

## Mobility Fundamentals

For completing the Cisco Networking Academy® Mobility Fundamentals course, and demonstrating the ability to do the following:

- Explain the needs, aspects and technical benefits of wireless technologies
- Explain Wireless LAN standards, components, operation and plan a deployment
- Configure Wireless LAN access point, router and client
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- Explain Wireless LAN security – threats, vulnerabilities, protocols and mitigation technologies
- Understand how to troubleshoot Wireless LANs
- Explain Bring Your Own Device – benefits, challenges, design and solution

**TANZEEM PATHAN**

Student

**TPCT's College of Engineering Osmanabad**

Academy Name

**India**

Location

**24 Apr 2020**

Date

**Anirudha Deshpande**

Instructor

Instructor Signature

## Mobility Fundamentals

For completing the Cisco Networking Academy® Mobility Fundamentals course, and demonstrating the ability to do the following:

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- Explain Wireless LAN standards, components, operation and plan a deployment
- Configure Wireless LAN access point, router and client
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- Understand how to troubleshoot Wireless LANs
- Explain Bring Your Own Device – benefits, challenges, design and solution

**SHAGUFTA SHAIKH**

Student

**TPCT's College of Engineering Osmanabad**

Academy Name

**India**

Location

**19 Apr 2020**

Date

**Anirudha Deshpande**

Instructor

Instructor Signature

## Mobility Fundamentals

For completing the Cisco Networking Academy® Mobility Fundamentals course, and demonstrating the ability to do the following:

- Explain the needs, aspects and technical benefits of wireless technologies
- Explain Wireless LAN standards, components, operation and plan a deployment
- Configure Wireless LAN access point, router and client
- Set up a home network
- Explain Wireless LAN security – threats, vulnerabilities, protocols and mitigation technologies
- Understand how to troubleshoot Wireless LANs
- Explain Bring Your Own Device – benefits, challenges, design and solution

**PRAJAKTA DHEMBARE**

Student

**TPCT's College of Engineering Osmanabad**

Academy Name

**India**

Location

**27 Apr 2020**

Date

**Anirudha Deshpande**

Instructor

Instructor Signature

## Mobility Fundamentals

For completing the Cisco Networking Academy® Mobility Fundamentals course, and demonstrating the ability to do the following:

- Explain the needs, aspects and technical benefits of wireless technologies
- Explain Wireless LAN standards, components, operation and plan a deployment
- Configure Wireless LAN access point, router and client
- Set up a home network
- Explain Wireless LAN security – threats, vulnerabilities, protocols and mitigation technologies
- Understand how to troubleshoot Wireless LANs
- Explain Bring Your Own Device – benefits, challenges, design and solution

**MONIKA BANDGAR**

Student

**TPCT's College of Engineering Osmanabad**

Academy Name

**India**

Location

**29 Apr 2020**

Date

**Anirudha Deshpande**

Instructor

Instructor Signature

Title of the Course: **CISCO Mobility Fundamentals :W. Technology & Standards**

List of the students completed the course:

Sr. No.	Name of the Student	Class
1	Pallavi Hajgude	BE
2	Varsha Dhokle	TE
3	Tanzeem Pathan	TE

## Mobility Fundamentals Series: Wireless Technology and Standards

For completing the Cisco Networking Academy® Mobility Fundamentals Series: Wireless Technology and Standards course, and demonstrating the ability to explain the following:

- Technical aspects of Wireless Technologies
  - Wireless Local Area Network (LAN) Standards
- 

*Laura Quintana*

Laura Quintana  
VP & General Manager, Cisco Networking Academy

**VARSHA DHOKALE**

---

Student  
**12 Apr 2020**  
Date

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## Mobility Fundamentals Series: Wireless Technology and Standards

For completing the Cisco Networking Academy® Mobility Fundamentals Series: Wireless Technology and Standards course, and demonstrating the ability to explain the following:

- Technical aspects of Wireless Technologies
- Wireless Local Area Network (LAN) Standards

---

*Laura Quintana*

Laura Quintana  
VP & General Manager, Cisco Networking Academy

**TANZEEM PATHAN**

---

Student  
**12 Apr 2020**  
Date

Title of the Course: **CISCO Mobility Fundamentals: WLAN Security**

List of the students completed the course:

Sr. No.	Name of the Student	Class
1	Pallavi Hajgude	BE



Cisco Networking Academy

Certificate of Course Completion

### Mobility Fundamentals Series: Wireless LAN Networks

For completing the Cisco Networking Academy® Mobility Fundamentals Series: Wireless LAN Networks course, and demonstrating the ability to explain the following:

- Wireless LAN Components
- Operation of Wireless LANs
- Wireless LAN Deployments

A handwritten signature in black ink that reads "Laura Quintana".

Laura Quintana  
VP & General Manager, Cisco Networking Academy

**PALLAVI HAJGUDE**

Student  
11 Apr 2020  
Date

Title of the Course: **CISCO Mobility Fundamentals : Wireless Router & Client Configuration**

List of the students completed the course:

Sr. No.	Name of the Student	Class
1	Pallavi Hajgude	BE



Corporate  
Social  
Responsibility

Cisco Networking Academy

Certificate of Course Completion

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### Mobility Fundamentals Series: Wireless Router & Clients Configuration

For completing the Cisco Networking Academy® Mobility Fundamentals Series: Wireless Router and Clients Configuration course, and demonstrating the ability to explain the following:

- Configure Wireless Access Point
- Configure Wireless Router
- Configure Wireless Clients
- Setting Up a Home Network

---

*Laura Quintana*  
Laura Quintana  
VP & General Manager, Cisco Networking Academy

**PALLAVI HAJGUDE**  
\_\_\_\_\_  
Student  
11 Apr 2020  
\_\_\_\_\_  
Date

Title of the Course: **Manipal Pro Learn Courses : AWS Foundation and Architecture**

List of the students completed the course:

Sr. No.	Name of the Student	Class
1	Kalpana Gavali	BE



Title of the Course: **Manipal Pro Learn Courses : Cloud Essentials**

List of the students completed the course:

Sr. No.	Name of the Student	Class
1	Kalpana Gavali	BE
2	Shivani Giram	BE



# CERTIFICATE

OF PARTICIPATION

This is to certify that

*Kalpana Balaji Gavali*

---

has successfully completed the  
**"Cloud Essentials"**  
and is awarded this Certificate of Participation  
Issued on 06 Apr 2020

A handwritten signature in black ink, appearing to read "Bhaskaran Srinivasan".

---

**Bhaskaran Srinivasan**  
Program Director,  
Manipal ProLearn

Manipal ProLearn is a part of Manipal Global Education Services Pvt. Ltd. | CIN No. U74140KA2011PTC029678 | RoR No: 102732



# CERTIFICATE

## OF PARTICIPATION

This is to certify that

*Giram Shivani Nagnath*

---

has successfully completed the  
**"Cloud Essentials"**  
and is awarded this Certificate of Participation  
Issued on 07 Apr 2020

A handwritten signature in black ink, appearing to read "Bhaskaran Srinivasan".

---

**Bhaskaran Srinivasan**  
Program Director,  
Manipal ProLearn

Manipal ProLearn is a part of Manipal Global Education Services Pvt. Ltd. | CIN No. U74140KA2001PTC029678 | Roll No: 102733

## Title of the Course: **CISCO NDG LINUX UNHATCHED**

List of the students completed the course:

Sr. No.	Name of the Student	Class
1	Pallavi Hajgude	BE



24 Apr 2020

Dear PALLAVI HAJGUDE,

Congratulations on successfully completing the NDG Linux Unhatched course in the Cisco Networking Academy. By completing this course, you have obtained the Linux knowledge covered by the CompTIA A+ Certification and are now prepared to take the next step in your IT career.

Linux is everywhere! As the reach of Linux continues to grow, it has established itself as a core skill for all IT professionals. Linux skills are more in demand than ever and employers are struggling to find qualified candidates to meet their needs. Become a stronger prospect in the job market by continuing your education with one of the courses listed below, aligned to industry recognized certifications.

#### [NDG Linux Essentials](#)

This course is the perfect next step for beginners looking to deepen their understanding of the world of Linux. This full semester course can be taken from an instructor or as a self-paced learning experience. The NDG Linux Essentials course is designed to prepare you for the Linux Professional Institute Linux Essentials Professional Development Certificate.

#### [NDG Linux Series](#)

This certification level series offers beginners more rigorous in-depth coverage. The NDG Linux I and NDG Linux II courses focus on the basic Linux system administration skills needed in preparation for the Linux Professional Institute LPIC-1 or CompTIA Linux+ powered by LPI certification.

#### [IT Essentials](#)

For more on fundamental computer and career skills for entry-level IT jobs, Cisco Networking Academy offers IT Essentials, aligned to the CompTIA A+ certification. The IT Essentials curriculum includes hands-on labs that provide practical experience. Virtual tools help you hone your troubleshooting skills and practice what you learn.

Again, congratulations and we wish you continued success!

Sincerely,

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

Rich Weeks  
President  
Network Development Group

[www.netdevgroup.com](http://www.netdevgroup.com) | [info@netdevgroup.com](mailto:info@netdevgroup.com) | [@netdevgroup.com](https://twitter.com/netdevgroup)

Title of the Course: **TATA Steel E Learning Course : Power Electronics ,ML**



List of the students completed the course:

Sr. No.	Name of the Student	Class	Course
1	Rutuja Sherkar	TE	Machine Learning
2	Rutuja Sherkar	TE	Power system Generation



# Certificate

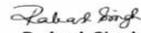
is presented to

**Rutuja Pratap Sherkar**

for successfully completing the Elearning program on

**Machine Learning**

**Date : 02-05-2020**

  
**Prakash Singh**  
Chief, Capability Development



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# Certificate

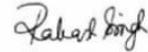
is presented to

**Rutuja Pratap Sherkar**

for successfully completing

**Power Systems Generation**

**Date : 03-05-2020**



**Prakash Singh**

Chief, Capability Development

Title of the Course: **CISCO Cyber Security Essentials**

List of the students completed the course:

Sr. No.	Name of the Student	Class
1	Shivani Giram	BE



Corporate  
Social  
Responsibility

Cisco Networking Academy

Certificate of Course Completion

---

### Cybersecurity Essentials

For completing the Cisco Networking Academy® Cybersecurity Essentials course, and demonstrating the following abilities:

- Describe the tactics, techniques and procedures used by cyber criminals.
- Describe the principles of confidentiality, integrity, and availability as they relate to data states and cybersecurity countermeasures.
- Describe technologies, products and procedures used to protect confidentiality, ensure integrity and provide high availability.
- Explain how cybersecurity professionals use technologies, processes and procedures to defend all components of the network.
- Explain the purpose of laws related to cybersecurity.

---

*Laura Quintana*  
Laura Quintana  
VP & General Manager, Cisco Networking Academy

**Shivani Giram**  
Student  
**6 May 2020**  
Date

Title of the Course: **CISCO Introduction to Cyber Security**

List of the students completed the course:

Sr. No.	Name of the Student	Class
1	Kalpana Gavali	BE
2	Aishwarya Jagdale	BE
3	Shivani Giram	BE
4	Pratiksha Thadwe	BE
5	Tejaswini Shelke	BE

---

## Introduction to Cybersecurity

For completing the Cisco Networking Academy® Introduction to Cybersecurity course, and demonstrating the ability to explain the following:

- Global implications of cyber threats
- Ways in which networks are vulnerable to attack
- Impact of cyber-attacks on industries
- Cisco's approach to threat detection and defense
- Why cybersecurity is a growing profession
- Opportunities available for pursuing network security certifications

---

*Laura Quintana*

Laura Quintana  
VP & General Manager, Cisco Networking Academy

**Kalpana Gavali**

---

Student  
**29 Apr 2020**  
Date

---

## Introduction to Cybersecurity

For completing the Cisco Networking Academy® Introduction to Cybersecurity course, and demonstrating the ability to explain the following:

- Global implications of cyber threats
- Ways in which networks are vulnerable to attack
- Impact of cyber-attacks on industries
- Cisco's approach to threat detection and defense
- Why cybersecurity is a growing profession
- Opportunities available for pursuing network security certifications

---

*Laura Quintana*

Laura Quintana  
VP & General Manager, Cisco Networking Academy

**AISHWARYA JAGDALE**

Student  
**30 Apr 2020**  
Date

## Introduction to Cybersecurity

For completing the Cisco Networking Academy® Introduction to Cybersecurity course, and demonstrating the ability to explain the following:

- Global implications of cyber threats
- Ways in which networks are vulnerable to attack
- Impact of cyber-attacks on industries
- Cisco's approach to threat detection and defense
- Why cybersecurity is a growing profession
- Opportunities available for pursuing network security certifications

---

*Laura Quintana*

Laura Quintana  
VP & General Manager, Cisco Networking Academy

**Shivani Giram**

Student

**3 May 2020**

Date

## Introduction to Cybersecurity

For completing the Cisco Networking Academy® Introduction to Cybersecurity course, and demonstrating the ability to explain the following:

- Global implications of cyber threats
- Ways in which networks are vulnerable to attack
- Impact of cyber-attacks on industries
- Cisco's approach to threat detection and defense
- Why cybersecurity is a growing profession
- Opportunities available for pursuing network security certifications

---

*Laura Quintana*

Laura Quintana  
VP & General Manager, Cisco Networking Academy

**PRATIKSHA THADWE**

Student

**4 May 2020**

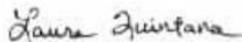
Date

---

## Introduction to Cybersecurity

For completing the Cisco Networking Academy® Introduction to Cybersecurity course, and demonstrating the ability to explain the following:

- Global implications of cyber threats
- Ways in which networks are vulnerable to attack
- Impact of cyber-attacks on industries
- Cisco's approach to threat detection and defense
- Why cybersecurity is a growing profession
- Opportunities available for pursuing network security certifications



Laura Quintana  
VP & General Manager, Cisco Networking Academy

TEJASWINI SHELKE

Student  
4 May 2020  
Date

Title of the Course: **Coursera : Internet of Things : Multimedia Technologies**

List of the students completed the course:

Sr. No.	Name of the Student	Class
1	Aishwarya Jagdale	BE

**UC San Diego**

04/25/2020

**Aishwarya Sunil Jagdale**

has successfully completed

**Internet of Things: Multimedia Technologies**

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

**COURSE  
CERTIFICATE**



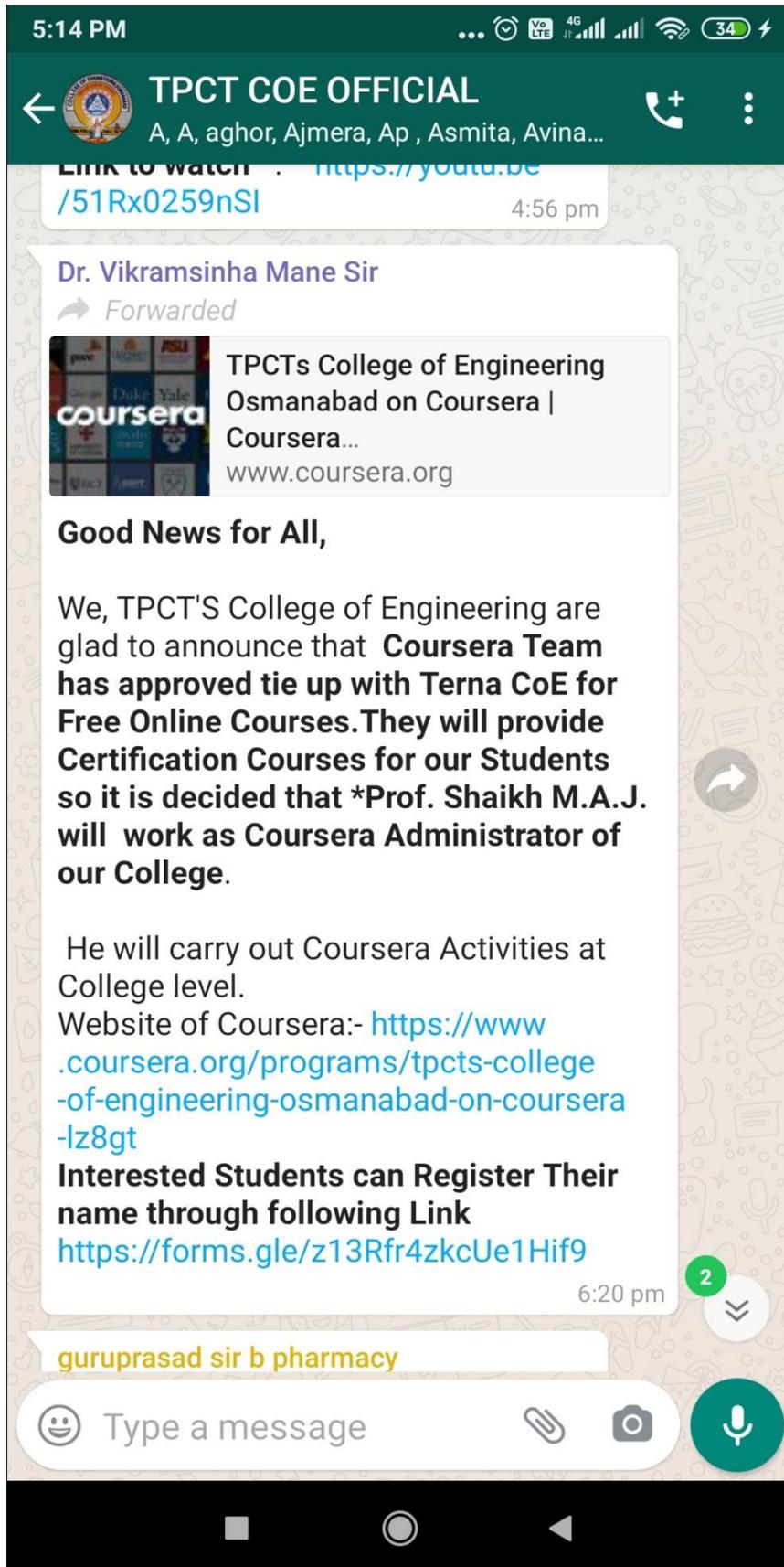
A handwritten signature in black ink, appearing to read "Hari Garudadi".

Hari Garudadi  
Qualcomm Institute

A handwritten signature in black ink, appearing to read "Ganz Chockalingam".

Ganz Chockalingam  
Qualcomm Institute of Calitz

Verify at [coursera.org/verify/BRLARJW9P4T8](https://coursera.org/verify/BRLARJW9P4T8)  
Coursera has confirmed the identity of this individual and their participation in the course.



Title of the Course: **TCS iON eLearning ,Carrer Edge :Knockdown the lockdown**  
List of the students completed the course:

Sr. No.	Name of the Student	Class
1	Prajakta Tupare	TE
2	Monika Bandgar	TE
3	Amarja Deshmukh	TE
4	Shagufta Shaikh	TE
5	Rutuja Mane	BE19
6	Rutuja Sherkar	TE
7	Tanzeem Pathan	TE

This is to certify that  
**PRAJAKTA TUPARE**  
has successfully completed  
**Career Edge - Knockdown the Lockdown**  
online course offered by TCS iON

SHUfH8 UY: '16' Apr 2020''''''p''''9bX'8 UY.' 21 Apr 2020

**Topics:**

- Communication Skills ■ Presentation Skills ■ Soft Skills ■ Career Guidance Framework ■ Resume Writing
- Group Discussion Skills ■ Interview Skills ■ Business Etiquette ■ Effective Email Writing ■ Telephone Etiquette
- Accounting Fundamentals ■ IT Foundational Skills ■ Overview of Artificial Intelligence\* (Source: NPTEL)



*Mehul Mehta*

**Mehul Mehta**  
Global Delivery Head, TCS iON

*This is to certify that*

**Monika Bandgar**

*has successfully completed*

**Career Edge - Knockdown the Lockdown**

*online course offered by TCS iON*

ShUfh' 8UHY: "16 Apr 2020" p"9bX' 8UHY. " 21 Apr 2020

**Topics:**

- Communication Skills ■ Presentation Skills ■ Soft Skills ■ Career Guidance Framework ■ Resume Writing
- Group Discussion Skills ■ Interview Skills ■ Business Etiquette ■ Effective Email Writing ■ Telephone Etiquette
- Accounting Fundamentals ■ IT Foundational Skills ■ Overview of Artificial Intelligence\* (Source: NPTEL)



*Mehul Mehta*

**Mehul Mehta**  
Global Delivery Head, TCS iON

*This is to certify that*  
**Amaraja Deshmukh**  
*has successfully completed*  
**Career Edge - Knockdown the Lockdown**  
*online course offered by TCS iON*

**Start Date:** 17 Apr 2020 | **End Date:** 24 Apr 2020

**Topics:**

- Communication Skills
- Presentation Skills
- Soft Skills
- Career Guidance Framework
- Resume Writing
- Group Discussion Skills
- Interview Skills
- Business Etiquette
- Effective Email Writing
- Telephone Etiquette
- Accounting Fundamentals
- IT Foundational Skills
- Overview of Artificial Intelligence\* (Source: NPTEL)



*Mehul Mehta*

**Mehul Mehta**  
Global Delivery Head, TCS iON

*This is to certify that*  
**Shagufta shaikh**  
*has successfully completed*  
**Career Edge - Knockdown the Lockdown**  
*online course offered by TCS iON*

**Start Date:** 17 Apr 2020 | **End Date:** 30 Apr 2020

**Topics:**

- Communication Skills ■ Presentation Skills ■ Soft Skills ■ Career Guidance Framework ■ Resume Writing
- Group Discussion Skills ■ Interview Skills ■ Business Etiquette ■ Effective Email Writing ■ Telephone Etiquette
- Accounting Fundamentals ■ IT Foundational Skills ■ Overview of Artificial Intelligence\* (Source: NPTEL)



*Mehul Mehta*

**Mehul Mehta**  
Global Delivery Head, TCS iON

*This is to certify that*  
**RUTUJA MAHADEV MANE**  
*has successfully completed*  
**Career Edge - Knockdown the Lockdown**  
*online course offered by TCS iON*

Start Date: 12 Apr 2020 | End Date: 19 Apr 2020

**Topics:**

- Communication Skills ■ Presentation Skills ■ Soft Skills ■ Career Guidance Framework ■ Resume Writing
- Group Discussion Skills ■ Interview Skills ■ Business Etiquette ■ Effective Email Writing ■ Telephone Etiquette
- Accounting Fundamentals ■ IT Foundational Skills ■ Overview of Artificial Intelligence\* (Source: NPTEL)



Venguswamy Ramaswamy  
Global Head, TCS iON

This is to certify that  
**sherkar rutuja pratap**  
has successfully completed  
**Career Edge - Knockdown the Lockdown**  
online course offered by TCS iON

Start Date: 16 Apr 2020 | End Date: 24 Apr 2020

**Topics:**

- Communication Skills ■ Presentation Skills ■ Soft Skills ■ Career Guidance Framework ■ Resume Writing
- Group Discussion Skills ■ Interview Skills ■ Business Etiquette ■ Effective Email Writing ■ Telephone Etiquette
- Accounting Fundamentals ■ IT Foundational Skills ■ Overview of Artificial Intelligence\* (Source: NPTEL)



*Mehul Mehta*

**Mehul Mehta**  
Global Delivery Head, TCS iON

CS Scanned with CamScanner

Title of the Course: **TCS iON eLearning : Interview Skills**

List of the students completed the course:

Sr. No.	Name of the Student	Class
1	Varsha Dhokle	TE

This is to certify that  
**dhokle varsha nanasaheb**  
has successfully completed  
**Interview Skills**  
online course offered by TCS iON

ShUfh' 8UthY: "23' Apr 2020" .....9bX' 8UthY. 24 Apr 2020

**Topics:**

- Objectives
- Process before the Interview
- Process during the Interview
- Process after the Interview
- FAQ's



  
Head - Learning,  
iON Digital Learning Hub

Title of the Course: **TCS iON eLearning : Computer Netowrks**

List of the students completed the course:

Sr. No.	Name of the Student	Class
1	Rutuja Sherkar	TE



**Digital Hub**  
Learn, Share, Collaborate



Cert. ID.: 72497-6897074-1016  
Dated: 08 May 2020

This is to certify that  
**sherkar rutuja pratap**  
has successfully completed  
**Computer Networks**  
online course offered by NPTEL

Course End Date: 08 May 2020

Topics:

- Concept of Computer Networks

(Faculty)



Scanned with CamScanner

TCS iON - Empire Plaza, Lal Bahadur Shastri Marg, Chandan Nagar, Vikroli West, Mumbai, Maharashtra 400083

Title of the Course: **TCS iON eLearning : Communication Skills**

List of the students completed the course:

Sr. No.	Name of the Student	Class
1	Varsha Dhokle	TE

This is to certify that  
**dhokle varsha nanasaheb**  
has successfully completed  
**Communication Skills**  
online course offered by TCS iON

ShUfi' 8UkY: '23'Apr'2020''''p''''9bX' 8UkY.' 23 Apr 2020

**Topics:**

- Importance of Communication
- Process of Communication
- Barriers to Communication
- Non-Verbal Communication
- Verbal Communication
- Effective Communication
- Summary



  
Head - Learning,  
iON Digital Learning Hub

Title of the Course: **CISCO CLA Programming Essentials in C**

List of the students completed the course:

Sr. No.	Name of the Student	Class
1	Monika Bandgar	TE
2	Varsha Dhokale	TE
3	Asma Bagwan	TE



## CLA: Programming Essentials in C

During the Cisco Networking Academy® course, administered by the undersigned instructor, the student has studied the following skills:

- the universal concepts of computer programming,
- developer tools,
- the syntax and semantics of the C language, as well as data types in the C language,
- the means by which to resolve typical implementation problems,
- the writing of C programs using standard language infrastructure, regardless of the hardware or software platform,
- the fundamental programming techniques, customs and vocabulary, including the most common library functions and the usage of the preprocessor.

This Statement of Achievement is to acknowledge that during the course CLA: Programming Essentials in C, the student has been able to accomplish coding tasks related to the basics of programming, and understands the programming techniques, customs and vocabulary used in the C language.

By completing the course, the student is now ready to attempt the qualification CLA – C Programming Language Certified Associate Certification, from the C++ Institute.

**MONIKA BANDGAR**

Student

**TPCT's College of Engineering Osmanabad**

Academy Name

**India**

Location

**1 May 2020**

Date

**Anirudha Deshpande**

Instructor

Instructor Signature



## CLA: Programming Essentials in C

During the Cisco Networking Academy® course, administered by the undersigned instructor, the student has studied the following skills:

- the universal concepts of computer programming,
- developer tools,
- the syntax and semantics of the C language, as well as data types in the C language,
- the means by which to resolve typical implementation problems,
- the writing of C programs using standard language infrastructure, regardless of the hardware or software platform,
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By completing the course, the student is now ready to attempt the qualification CLA – C Programming Language Certified Associate Certification, from the C++ Institute.

**Shreya Tikone**

Student

**TPCT's College of Engineering Osmanabad**

Academy Name

**India**

Location

**30 Apr 2020**

Date

**Anirudha Deshpande**

Instructor

Instructor Signature



## CLA: Programming Essentials in C

During the Cisco Networking Academy® course, administered by the undersigned instructor, the student has studied the following skills:

- the universal concepts of computer programming,
- developer tools,
- the syntax and semantics of the C language, as well as data types in the C language,
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By completing the course, the student is now ready to attempt the qualification CLA – C Programming Language Certified Associate Certification, from the C++ Institute.

**VARSHA DHOKALE**

Student

**TPCT's College of Engineering Osmanabad**

Academy Name

**India**

Location

**1 May 2020**

Date

**Anirudha Deshpande**

Instructor

Instructor Signature

Title of the Course: **Introduction to Statistical Methods with MATLAB**

List of the students completed the course:

Sr. No.	Name of the Student	Class
1	Londhe Jyoti	BE



# Course Completion Certificate

Jyoti Londhe

has successfully completed **100%** of the self-paced training course

Introduction to Statistical Methods with MATLAB



DIRECTOR, TRAINING SERVICES

26 April 2020

Title of the Course: **Introduction to Linear Algebra with MATLAB**

List of the students completed the course:

Sr. No.	Name of the Student	Class
1	Jyoti Londhe	BE



# Course Completion Certificate

Jyoti Londhe

has successfully completed **100%** of the self-paced training course

Introduction to Linear Algebra with MATLAB



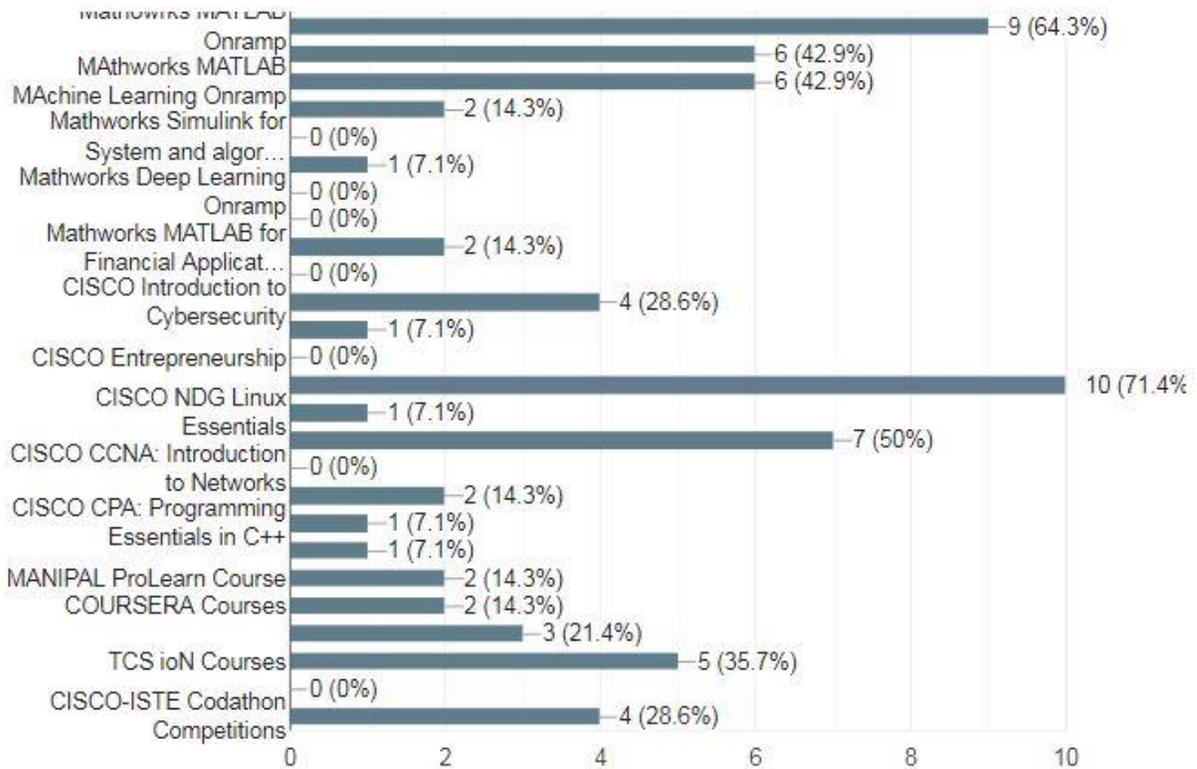
DIRECTOR, TRAINING SERVICES

27 April 2020

## Students Feedback Report about eLearning Courses

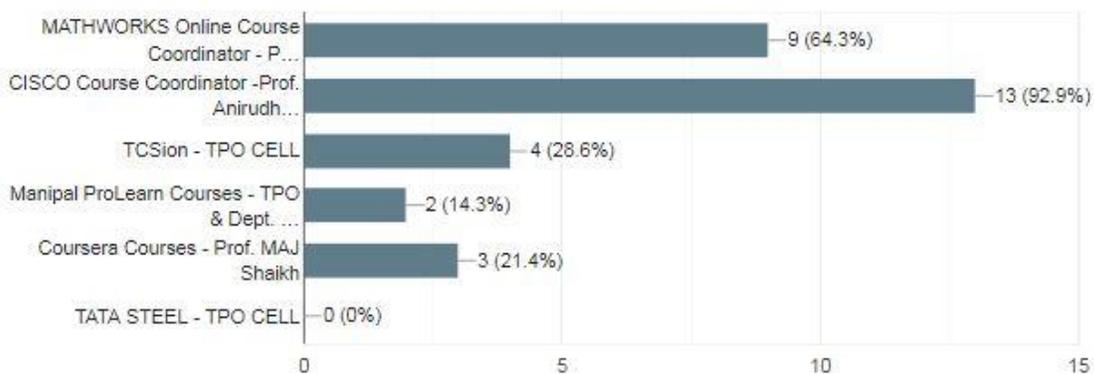
### Course Completed

14 responses



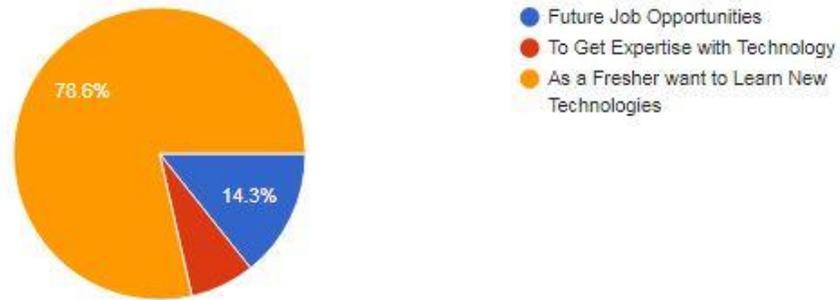
### Name of the Course Coordinator under their guidance you gone through e - learning

14 responses



Why did you learn this courses ?

14 responses



Did Instructor /Coordinator solved your technical problems if any during the course

14 responses



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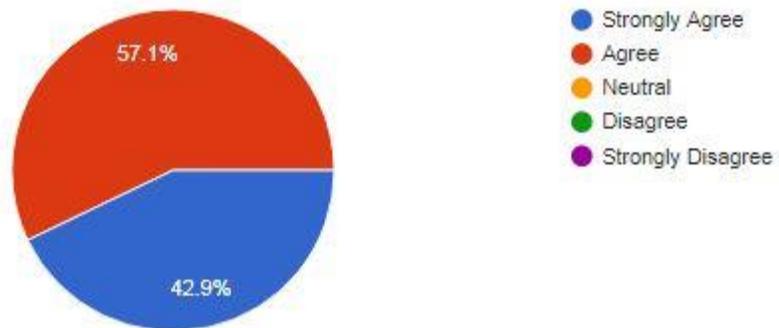
Is such courses improve your skills ?

14 responses



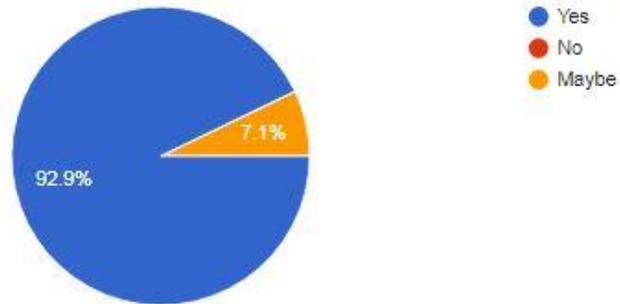
Was Course Corodinator responsive and solves your problems ?

14 responses



Are you willing to learn more courses from Terna Knowledge Center

14 responses

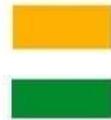


**Conduction of Online Aptitude Test on the eve of “ Knowledge Day “ on the birth anniversary of Bharatratna Dr.B.R.Ambedkar on 14<sup>th</sup> April 2020**

Total 370 students participated from the Institute

Online exam Coordinator : Prof. A.R. Deshpande

Celebrating 129th Birth Anniversary of Bharatratna Dr.Babasaheb Ambedkar



**“Cultivation of Mind  
should be the  
Ultimate Aim of  
Human Existence”**

*B.R. Ambedkar*

## ONLINE APTITUDE TEST

### Prizes

First: Rs.1000/-

Second: Rs.700/-

Third: Rs.500/-

### Participants

All Branch Students of TPCT's College of Engineering, Osmanabad

Stay Safe

**ORGANIZED BY**

Stay Home



Terna Public Charitable Trust's  
COLLEGE OF ENGINEERING, OSMANABAD  
Cultivating Engineering mind since 1983

5:04 PM



TPCT COE OFFICIAL

A, A, aghor, Ajmera, Ap , Asmita, Avina...



**Dr. Vikramsinha Mane Sir**

Good afternoon students ,  
On the birth anniversary of  
Bharatratna Dr.B.R.Ambedkar ,We at  
TPCT's COE Osmanabad organized  
"Online Aptitude Test Competition "  
on 14th April 2020 at 07 to 08.00  
pm .

Students shown great interest in the  
competitions by participating in a  
large number .

We congratulate to all the 370  
students for their participation and  
keeping positivity in your mind.  
60% students got 70% marks in the  
test .  
40% students got 80% marks in the  
test .

By considering rain issues ,internet ,  
electricity issues we have extended  
the time by 05minutes and  
considered students responses till  
08.05 p.m.

On the basis of these 44 students  
shortlisted for level 2 round of Online  
Aptitude Test .



\*List of Participants for A Webinar on DEEP LEARNING using MATLAB by Resource Person Mr. Suraj Gawande from Designtech Systems on 07/04/2020 from Department of Electronics and telecommunication.

1 Prof. Mrs. N. V. Bhosale (Faculty) ETC

2 Prof. A. R. Deshpande (Faculty) ETC

3 Prof. P. D. Paikrao (Faculty) ETC

4 Ms. Kalpana Gavali (UG Student) ETC

**\*Organized National Level Webinar Series in association with ADJ InfoTech on  
1) Automation and Robotics 2) UX and UI Tools**

# NATIONAL TECHNICAL SERIES OF WEBINAR 2020



**TERNA COLLEGE OF ENGINEERING OSMANABAD**

In Association with

**ADJ INFOTECH IT FINISHING SCHOOL**

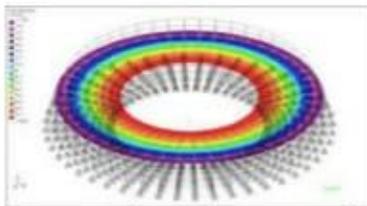
Announces

**FREE NATIONAL TECHNICAL SERIES OF WEBINARS 2020**

For Engineering and Diploma Students

**Date**

**10th May,  
11th May,  
12th May  
2020**



Design Analysis with AutoCAD and  
STAAD-Pro. ( CIVIL STUDENTS )  
11:00 AM



Machine Components Design and Analysis  
with AutoCAD and SOLIDWORKS  
( MECHANICAL STUDENTS )  
5:00 PM

**WEBINAR FROM  
INDUSTRY  
EXPERTS**

**SCAN to REGISTER**



Robotics and Automation  
( ELECTRONICS AND  
TELECOMMUNICATION STUDENTS ) -  
5:00 PM



Prototyping Tools For UI And UX Designers  
2020 ( COMPUTER SCIENCE STUDENTS )  
11:00 AM

**Participants attending all the  
days will get Digital Certificate**



**REGISTER With the Below Link**

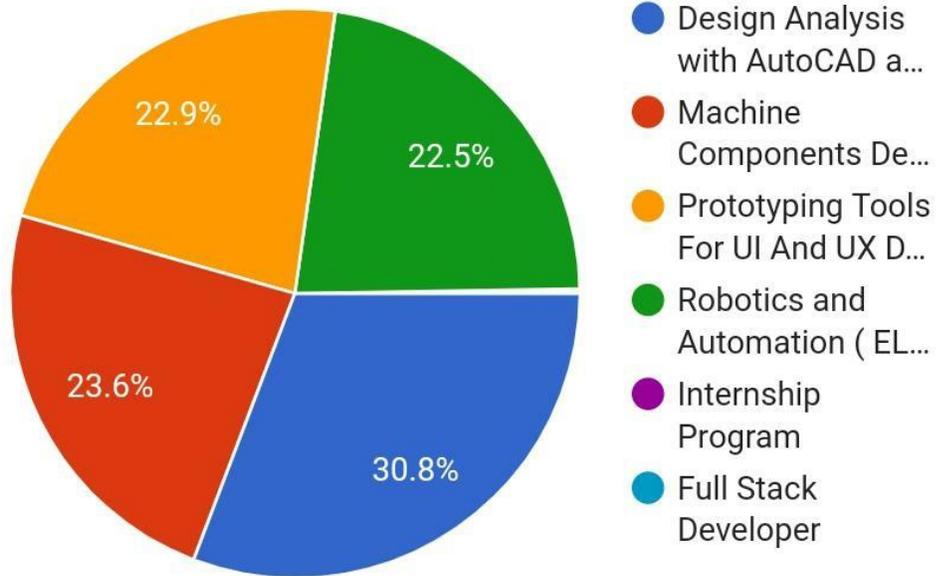
<https://forms.gle/biS2wkn>

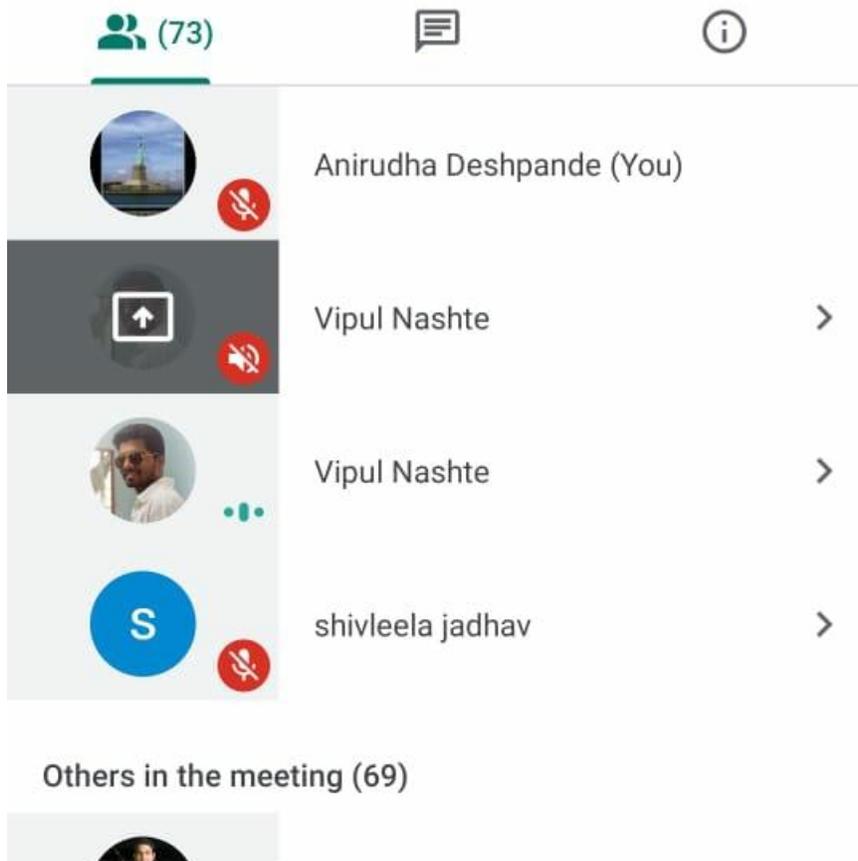
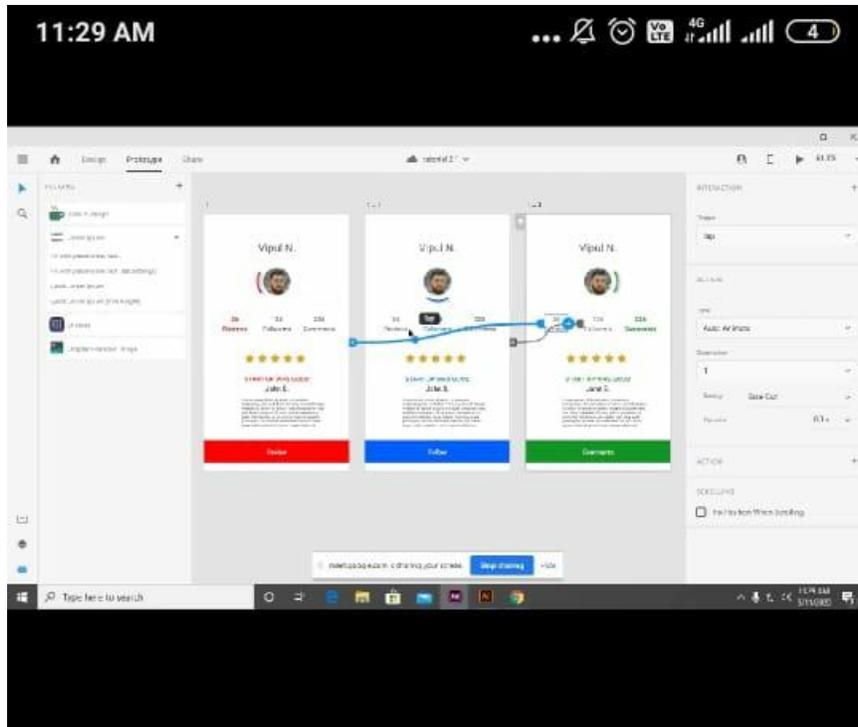
[bMdxdk87HA](https://forms.gle/biS2wkn)

# Select the Technical Workshop Module

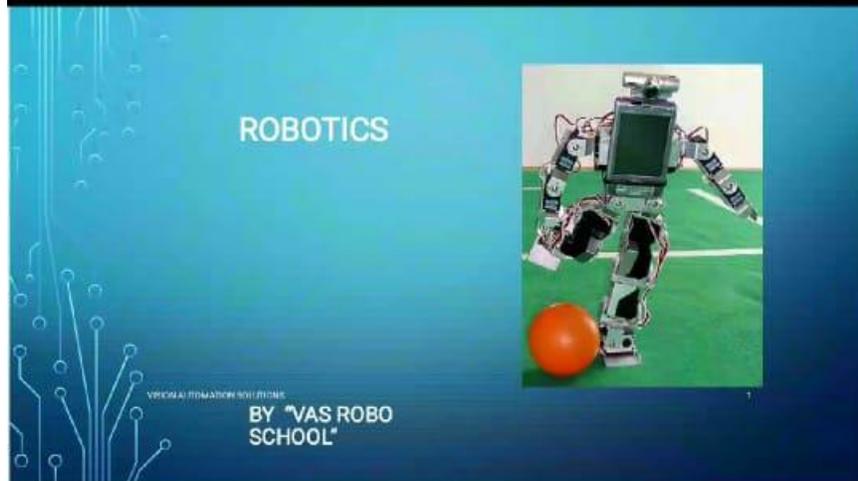


770 responses





5:16 PM



(41)



Anirudha Deshpande (You)



Priyanka Nath



Jyoti Tarange



jyoti zingade



Others in the meeting (37)



Definition

"A ROBOT IS A REPROGRAMMABLE, MULTIFUNCTIONAL MANIPULATOR DESIGNED TO MOVE MATERIAL, PARTS, TOOLS, OR SPECIALIZED DEVICES THROUGH VARIABLE PROGRAMMED MOTIONS FOR THE PERFORMANCE OF A VARIETY OF TASKS"



VISION AUTOMATION SOLUTIONS

 (46)



Anirudha Deshpande (You)

Priyanka Nath



Urmila Suryawanshi



SHIVRAJ MASHALE



Others in the meeting (42)



5:36 PM

VoLTE 4G 40



TPCT COE OFFICIAL

A, A, aghor, Ajmera, Ap , Asmita, Avina...



Dr. Vikramsinha Mane Sir

Forwarded



TERNA COLLEGE OF  
ENGINEERING OSMANABAD -  
Maharashtra, In Association with ...  
docs.google.com

Greetings from **TERNA COLLEGE OF  
ENGINEERING. OSMANABAD**

We are happy to announce you that  
Department of **TRAINING & PLACEMENT  
CELL** in association with **ADJ INFOTECH**  
is presenting series of **NATIONAL  
TECHNICAL SERIES OF WEBINAR -  
2020** aligning to course on "Product  
Design Engineering and "Engineering  
Graphics", "Civil Designing Work",  
Robotics Automation", "Web Prototyping  
Tools, which will be accessible on MEET/  
HANGOUT.

This will be a unique opportunity to get  
an overview of the DESIGN ENGINEERING  
TOOLS, while getting a chance to interact  
with the resource person from the  
industry.

**WEBINAR DATES**

10th May , 11th May & 12 May , Daily one  
hour



Type a message



## 9. Department at Social Level:

In the fight against CORONA virus and in addition to communicate and share knowledge among students, many of teaching and non-teaching staff of department are involved in the movement “**Food Distribution Mission**”, run by **Hon’ble Rana Jagjitsinhaji Patil Saheb, MLA** in Lockdown period. The responsibilities and work of these staff are accumulated in the pics as shown below.



## 10. Future Work:

There are certain activities which are completed in lockdown 1.0 to .0. Some activities are still going on. In lockdown 5.0, department will undergo the preparation of Classrooms and Labs for forthcoming semester as a post covid activity as per the directions of Br. B. A. M. university, Aurangabad and Dr. B. A. Technological University, Lonere, Raigad.

## **Acknowledgement:**

I would like to express my deep and sincere gratitude towards Honorable Dr. Padamsinghji Patil, President, Honorable Shri. Rana Jagjitsinghji Patil, (MLA, Tuljapur) and all Hon'ble trustees of TPCT Osmanabad to avail various academic platforms to the faculties and students for completing curriculum(Theory and Practicals) during Lockdown 1.0 and 2.0 and completing Class tests, Mid Sem Exam and Internal submission during Lockdown 3.0.and 4.0.

I am very much thankful to Prof. P.T. Deshmukh, CEO, Prof. Amol Chavan, COO, Prof. M. D. Patil, MC, TPCT for continuous guidance to run the activities during lockdown period.

I wish to express my sincere thanks to Dr. V. V. Mane, Principal, COE, Osmanabad for continuous support and help provided during this work.

I take this opportunity to thank all HODs, HOCs, teaching & non-teaching staff who directly or indirectly helped me for completing this work.

I am very much thankful to all my students without them nothing is possible to achieve the goal of academics simultaneously fighting with COVID-19 during “**Lockdown 1.0 , 2.0, 3.0 & 4.0**”.

I hope all of you will continue the same in future.

**Prof A P Mane  
H.O.D.(ECT)**

**TPCTs College of Engineering, Osmanabad.**

**Date: 15/06/2020**

**Stay Home      Stay safe**

**Take care**