

Model Curriculum

Telecom Embedded Hardware Developer

SECTOR: TELECOM
SUB-SECTOR: HANDSET
OCCUPATION: DEVELOPMENT TESTING AND SUPPORT
REF ID: TEL/Q2303
NSQF LEVEL: 4



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Ahmednagar



Certificate

COMPLIANCE TO QUALIFICATION PACK – NATIONAL OCCUPATIONAL STANDARDS

is hereby issued by the

TELECOM SECTOR SKILL COUNCIL

for

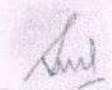
MODEL CURRICULUM

Complying to National Occupational Standards of Job Role/
Qualification Pack: 'Telecom Embedded Hardware Developer'
OP No. TEL/Q2303 NSQF Level 4

Date of Issuance: May 15th, 2016

Valid up to*: May 15th, 2018

*Valid up to the next review date of the Qualification Pack; or the
'Valid up to' date mentioned above (whichever is earlier)


Authorized Signatory
(Telecom Sector Skill Council)



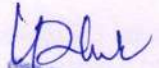
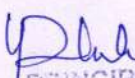

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Telecom Embedded Hardware Developer

CURRICULUM / SYLLABUS

This program is aimed at training candidates for the job of a "Telecom Embedded Hardware Developer", in the "Telecom" Sector/Industry and aims at building the following key competencies amongst the learner

Program Name	Telecom Embedded Hardware Developer		
Qualification Pack Name & Reference ID. ID	TEL/Q2303, v1.0		
Version No.	1.0	Version Update Date	14-05-2017
Pre-requisites to Training	- Diploma (Electrical/ Electronics/ Computer Science) - Development of Embedded Hardware Products - Troubleshooting and de-bugging of Telecom Hardware		
Training Outcomes	After completing this programme, participants will be able to: - carry out the role of Telecom Embedded Hardware Developer which involves - Understand Basic Telecom Embedded Hardware Development - Understand basics of Electronic Hardware components & troubleshooting of Embedded Hardware - Understand Telecom Embedded Hardware PCB design - Embedded Firmware Development - Communication Protocol Firmware Development - Emergency procedure in working environment		



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This course encompasses 3 out of 3 National Occupational Standards (NOS) of "Telecom Embedded Hardware Developer" Qualification Pack issued by "Telecom Skill Council of India".

Sr. No.	Module	Key Learning Outcomes	Equipment Required
1	Basics of Electronics Theory Duration (hh:mm) 20:00 Practical Duration (hh:mm) 00:00 Corresponding NOS Code TEL/N2311	- To get familiar with commonly used active and passive electronic components - To learn the basic building blocks commonly used in making projects - To learn software simulation tools used for circuit design and analysis - To learn soldering and the use of test equipment in fault finding - To construct a simple project	Laptop, white board, marker, projector
2	PCB Design & Testing Theory Duration (hh:mm) 20:00 Practical Duration (hh:mm) 30:00 Corresponding NOS Code TEL/N2311	- Introduction - Schematic creation - Board creation - Report generation - Fabrication	Laptop, white board, marker, projector DipTrace for PCB Designing Arduino IDE or equivalent as per the board specifications Keil uvision5 or equivalent as per the board AVR Studio4 or equivalent as per the board
3	Embedded Hardware Testing Theory Duration (hh:mm) 20:00 Practical Duration (hh:mm) 40:00 Corresponding NOS Code TEL/N2311	- Simulation of Circuit - Testing of PCB - Using Multimeter & other Testing equipment	Multimeter, PCB's, Solder Irons, Arduino Uno or equivalent Development Board, PIC Development Board & Programmer, AVR Development Board & Programmer, ARM Development Board & Programmer  PRINCIPAL Dr. Vitthalrao Vikhe Patil College of Engineering Ahmednagar
4	Embedded C	Working with Compilers (gcc)	Programming tools like :

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	Programming Theory Duration (hh:mm) 30:00 Practical Duration (hh:mm) 30:00 Corresponding NOS Code TEL/N2312	- Basics of Programming - Understanding Embedded C - Memory Efficiency & Optimization - Troubleshooting & Maintenance	VLSI tool
5	Microcontrollers & other programming devices Theory Duration (hh:mm) 30:00 Practical Duration (hh:mm) 20:00 Corresponding NOS Code TEL/ N2312	- Architecture of Microcontrollers - Basic Peripherals - Input & Output devices - Working with sensors	8051 Development Board & Programmer or equivalent Microcontrollers and ICs (MAX232 , PC817 , ULN2803 , L293D , DS1307 , 555 , LM358 , LM35 , PIR Sensor , Relay , LDR , UltraSonic Sensor etc.) Resistors , Capacitors , Switches , LCD , Motors (DC geared , Stepper , Servo)
6	Communication Protocol Firmware Development Theory Duration (hh:mm) 10:00 Practical Duration (hh:mm) 45:00 Corresponding NOS Code TEL/N2312	- Understanding Serial Communication - Bluetooth Communication - SPI Interface - ZigBee 12C - SPI - Infrared - RF - GSM - GPS - PDH/SDH/Ethernet	Various Modules ,GSM, GPS, RF Receiver & Transmitter, Bluetooth, Wi-Fi Module, Zigbee, IR , USB to TTL converter
7	Testing & Troubleshooting of Firmware Theory Duration (hh:mm) 05:00 Practical Duration (hh:mm) 40:00 Corresponding NOS Code TEL/N2312	- Verify - Test - Debug	MicroC Pro for PIC, MPLAB, Keiluvision for ARM, Proteus, HyperTerminal, XCTU or equivalent  PRINCIPAL Dr. Vithalrao Vikhe Patil College of Engineering Ahmednagar

Sr. No.	Module	Key Learning Outcomes	Equipment Required
8	Healthy & Secure working Environment Theory Duration (hh:mm) 05:00 Practical Duration (hh:mm) 05:00 Corresponding NOS Code TEL/N4121	- Follow Road safety guidelines - Perform circuit planning and create layout for circuit safety - Understand First – aid procedures - Follow Soldering safety guidelines - Follow general electrical safety guidelines - Understand use of voltmeter - Understand lead causes of fire in various equipments and prevent fire accidents - Use of fire extinguishers at site	Fireextinguish, Gloves, and safety kit.
	Total Duration Theory Duration 140:00 Practical Duration 210:00	Unique Equipment Required: Black/ White board, marker, projector system with PC/Laptop	

Grand Total Course Duration: **350Hours, 0 Minutes**

(This syllabus/ curriculum has been approved by Telecom Sector Skill Council)




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**Trainer Prerequisites for Job role: "Telecom Embedded Hardware Developer"
mapped to Qualification Pack: "TEL/Q2303, v1.0"**

Sr. No.	Area	Details
1	Description	To deliver accredited training service, mapping to the curriculum detailed above, in accordance with the Qualification Pack "TEL/Q2303", Version No. 1.0.
2	Personal Attributes	Personal Attributes: This job requires the individual to be analytical and be able to handle high-pressure situations to successfully perform the assigned responsibilities. He should have basic knowledge of electronics, embedded programming, written and oral communication skills and should be able to apply practical judgment to successfully perform the assigned responsibilities.
3	Minimum Educational Qualifications	Diploma(Electrical/ Electronics/ Computer Science)
4a	Domain Certification	Certified for Job Role: "Telecom Embedded Hardware Developer" mapped to QP: "TEL/Q2303" Version No. 1.0. Minimum accepted score as per respective TSSC guidelines.
4b	Platform Certification	Recommended that the Trainer is certified for the Job Role: "Trainer", mapped to the Qualification Pack: "TEL/Q2303" Version No. 1.0. Minimum accepted score as per respective TSSC guidelines.
5	Experience	- The trainer should be certified by TSSC as 'Train the Trainer' and Assessor and - Worked as Embedded Hardware Developer for minimum 4-5 years if educational qualification is ITI/ Diploma or - Worked as Embedded Hardware Developer for 2-3 years if educational qualification is Bachelor in Technology (BTech and BE)



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Annexure: Assessment Criteria

Assessment Criteria	
Job Role	Telecom Embedded Hardware Developer
Qualification Pack	TEL/Q2303, v1.0
Sector Skill Council	Telecom

Sr. No.	Guidelines for Assessment
1	Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. TSSC will also lay down proportion of marks for Theory and Skills Practical for each PC.
2	The assessment for the theory part will be based on knowledge bank of questions created by the TSSC.
3	Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training centre(as per assessment criteria below)
4	Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training centre (as per assessment criteria below)
5	To pass the Qualification Pack, every trainee should score 70% overall.
6	In case of successfully passing only certain number of NOS's, the trainee is eligible to take subsequent assessment on the balance NOS's to pass the Qualification Pack.



(Signature)
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Assessable Outcome	Assessment Criteria	Total Mark (200+100)	Out Of	Theory	Skills Practical
1. TEL/N2311 (Embedded Hardware Development)	PC1. handle activities such as requirement definition to derive technical specification of embedded products	100	64	19	45
	PC2. architect, design and develop circuits for embedded products				
	PC3. hardware-software design partitioning				
	PC4. design peripheral interfaces for communication protocols like I2C, SPI, UART, Infrared, RF, GSM, GPS, PDH/SDH/Ethernet, QSPI, Zigbee, Wi-Fi and Bluetooth				
	PC5. select components for the hardware design including micro-controllers, real time data acquisition and control components and sensors				
	PC6. simulate digital and analog circuits using simulation tools				
	PC7. generate PCB schematic & layout				
	Embedded Hardware Development				
	Embedded System Installation / Configuration		36	14	22
	monitor problems and keep track of system installation activities, progress or any delays in resolving the problems for embedded systems develop small, intelligent communication and networking gadgets and applications ensure circuit testing, integration and debugging to support and maintain embedded products				
			100	33	67

2. TEL/N2312 (Embedded Firmware development)	Development of Embedded Firmware	PC1. develop firmware using embedded C and C++ programming language		60	22	38
		PC2. use programming tools like gcc, gdb, eclipse and integrated design environments for HW-SW co-design				
		PC3. code firmware for micro- controllers & other programmable devices				
		PC4. develop memory efficient and computationally optimal code for telecom products				
		PC5. use & develop wireless connectivity stacks/firmware for communication protocols including, but not limited to Zigbee, Bluetooth, TCP/IP, SPI, I2C, USB, RS232, RS485				
	Troubleshootin g and Maintenance	PC6. handle the firmware for maintenance and troubleshooting of telecom equipment		20	7	13
		PC7. support data communication equipment and services				
		PC8. test and verify firmware design and prototyping				
	Report & Record	PC9. handle firmware of network systems based on communication protocols interfaces like I2C, SPI, UART, Infrared, RF, GSM, GPS, PDH/SDH/Ethernet, QSPI, Zigbee, Wi- Fi and Bluetooth		20	5	15
				100	34	66



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TEL/N4121(Maintain a healthy, safe and secure working environment)	Emergency procedures	PC1. Ensure that work is carried out in accordance to the level of competence and legal requirements	100	100	57	43
		PC2. Ensure that sites are assessed for health and safety risk as per company's guidelines prior to commencement of work				
		PC3. Ensure environmental conditions and hazards like Earth Potential Rise (EPR) are considered while carrying out work				
		PC4. Identify and correct any hazards that you can deal with safely, competently and within the limits of your authority				
		PC5. Report any hazards that you are not competent to deal with to the relevant person in line with organizational procedures and warn other people who may be affected				
		PC6. Follow your organization's emergency procedures promptly, calmly, and efficiently				
		PC7. Identify and recommend opportunities for improving health, safety, and security to the designated person				
		PC8. Complete any health and safety records legibly and accurately				
		Total				
Grand Total			300	300	124	176
Percentage Weightage:					40%	60%
Minimum Pass% to qualify (aggregate):					70%	



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Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar.
Department of Electronics & Telecommunication

Date: 22/11/2017

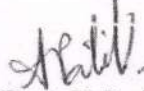
Office Order

Following are the co-ordinators for two courses sectioned from AICTE for Pradhan Mantri Kaushal Vikas Yojana by Technical Institutions 2017-18(AICTE-PMKVY-2017-18).

Sr.No.	Name of Course	Name of Co-ordinator
1.	Telecom Embedded Hardware Development	Ms.J.P.Botkar
2.	Building Automation	Shri.A.R.Landge

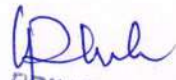
Co-ordinators should perform the following duties:-

- He/She should collect at least 25 Diploma students for sanctioned courses.
- Collect the documents of students(Diploma/Degree Marksheet, Adhar Card, Mail ID, Contact number).
- Appoint the teaching faculties in concern with undersigned.
- Prepare the Time Table for the assigned courses.
- Check the syllabus coverage.
- Check Course File.
- Prepare the staff list with content distribution
- Maintain the Record of Course.


Dr.A.K.Patil
Head E&Tc

Copy To,
1.Ms.J.P.Botkar
2.Shri.A.R.Landge.



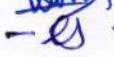

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Office Order

All the trainers and Lab Assistant of Embedded Hardware Developer Sanctioned by AICTE under Pradhan Mantri Kaushal Vikas Yojana by Technical Institutions 2017-18(AICTE-PMKVY-2017-18) are hereby informed that examination of Embedded Hardware Developer is scheduled on 5/08/2018 at 9:00 am. All should present for the same without fail.


Dr. A.K. Patil
Head E&TC

Copy to:

1. Prof. Botkar J.P.
2. Prof. Kalawade C.K. 
3. Prof. Avhad M.B. 
4. Prof. Dhawale V.A. 
5. Shri. Shirsath V.B. 




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Ibex Userid	Batch Name	Candidate Id	Candidate Password	Name
ibex156723	1-360976600	24217500	BAND5882	Bandu Pandurang Gade
ibex154272	1-360976600	57809188	SHUB1978	Shubham Kishor
ibex154273	1-360976600	35505415	MAYU4971 ✓	Mayuri Subhash
ibex154274	1-360976600	120912526	TUSH6334 ✓	Tushar Bhagwat
ibex154275	1-360976600	102559703	POOJ5517 ✓	Pooja Rajendra
ibex154276	1-360976600	94915795	SWAP4786 ✓	Swapnil Vishnu
ibex154277	1-360976600	37043119	PRIY6249	Priyanka Dadu
ibex154278	1-360976600	85249783	TEJA5151	Tejaswini Kashinath
ibex154279	1-360976600	101021125	AJIN3427	Ajinkya Balasaheb
ibex154280	1-360976600	20973496	ATUL1157	Atul Haresh
ibex154281	1-360976600	88674891	SWAP1386 ✓	Swapnil ramkisan
ibex154282	1-360976600	42024439	SALI1258 ✓	Salikram
ibex154283	1-360976600	79542673	SWAT9692 ✓	Swati Chandrabhan
ibex154284	1-360976600	121785581	AKSH3647 ✓	Akshay Milind
ibex154285	1-360976600	50761399	POOJ4792 ✓	Pooja
ibex154286	1-360976600	70321099	SAGA2413 ✓	Sagar Ramkisan
ibex154287	1-360976600	39620678	AMOL5742	Amol Dilipraj
ibex154288	1-360976600	5985295	ANIK4991	Aniket Ashokrao
ibex154289	1-360976600	60461413	ATPA4565	Atpalkar Namrata
ibex154290	1-360976600	78580499	ANAP1962	Anap Supriya
ibex154291	1-360976600	12136668	SALV8933 ✓	Salve KrushnaHaridas
ibex154292	1-360976600	118023560	THOR7944	Thorat Kajal
ibex154293	1-360976600	301962	MADH5669	Madhura Hoshing
ibex154294	1-360976600	8696165	SABL4737 ✓	Sable Pravin



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Office Order- PMKVY-TI

Following staff members have been appointed as the skill development committee for PMKVY-TI 2017-18.

Sr. No.	Name of faculty	Department	Designation
1.	Prof.A.R. Laware	Mechanical	Nodal Officer
2.	Dr. Ms.A.K.Patil	E&TC	Member & Deptt. Incharge
3.	Prof. A.R.Landge	E&TC	Member & Coordinator
4.	Prof.Ms. J.P.Botkar	E&TC	Member & Coordinator
5.	Prof. S.A.Markad	Electrical	Member & Deptt. Incharge
6.	Prof. S.K.Sheikh	Electrical	Member & Coordinator
7.	Prof. D.A.Vidhate	I.T.	Member & Deptt. Incharge
8.	Prof. R.G.Raut	I.T.	Member & Coordinator

Responsibilities :-

Nodal Officer :- Courses Coordination alongwith members and departmental incharges.

Member & Deptt. Incharge :-

- Efforts should be taken for Admissions for PMKVY-TI 2017-18
- Faculty appointment (Trainer)
- Arrangment of Labs and Lecture hall as per model curriculum of PMKVY-TI
- Supervisions of Lectures/Practicals
- Admission details of all students
- Time Table adjustments

Member & Coordinator:-

- Efforts should be taken for Admissions for PMKVY-TI 2017-18
- Document collection
- Preparation of Teaching plan
- Time Table Preparation (off hours)
- Course file preparation
- Completion of syllabus
- Attendance records
- Feedback reports

Copy to :- All above members




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ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

(A STATUTORY BODY OF THE GOVERNMENT OF INDIA)
NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI-110070
Ph.:011-26131576-77-78, 80, Website: www.aicte-india.org

Pradhan Mantri Kaushal Vikas Yojana By Technical Institutions: 2017-18

All India Council for Technical Education (AICTE) is implementing PMKVY-TI Scheme through AICTE approved Technical Institutes and Polytechnics to train youths in various skills.

OPENING OF REGISTRATION

All AICTE approved institutions willing to run Skill Development program using their existing infrastructure, may apply on AICTE portal. The registration for AICTE approved Institutes / Polytechnics will be open from 07/06/2017. The list of Job Roles which can be offered for training along with Eligibility Qualification may be seen at <http://www.aicte-india.org/pmkvy.php>

Final allotment of trainees under the scheme will be made as per the Guidelines of the scheme available at <http://www.aicte-india.org/pmkvy.php>

SKILL OPPORTUNITIES FOR STUDENTS

All eligible candidates interested to acquire adequate skill for certificate under the National Skill Qualification Framework (NSQF) may contact nearby AICTE approved colleges running the scheme. List of Institutes selected for the scheme will be made available at <http://www.aicte-india.org/pmkvy.php>

Advt. No.: NSQF/05/2017

MEMBER SECRETARY AICTE

Prof. R. F. Kalthapure

Pl. discuss.

Jay
7/6

Prof. R. F. Kalthapure

Job Details	Qualifications Pack Code	TEL/Q2303		
	Job Role	Telecom Embedded Hardware Developer		
	Credits (NSQF)	This job role is applicable in both national and international scenarios		
	Sector	TBD	Version number	1.0
	Sub-sector	Telecom	Drafted on	08/01/2015
	Occupation	Handset	Last reviewed on	29/04/2015
	NSQC Clearance on	Developer	Next review date	14/05/2017
		20/07/2015		

Job Role	Telecom Embedded Hardware Developer
Role Description	Telecom Embedded hardware developer is dealing with industry standard design techniques, flows and tools involved in design, prototyping and maintenance of Telecom Embedded Hardware designs, systems and products.
NSQF level	4
Minimum Educational Qualifications*	Diploma(Electrical/ Electronics/ Computer Science)
Maximum Educational Qualifications*	Graduate(Electrical/Electronics/ Computer Science)
Training (Suggested but not mandatory)	Development of Embedded Hardware Products Troubleshooting and debugging of Telecom Hardware
Minimum Job Entry Age	18 Years
Experience	0-2 years of work experience in hardware design and development
Applicable National Occupational Standards (NOS)	Compulsory: 1. TEL/N 2311 (Embedded Hardware Development) 2. TEL/N 2312 (Embedded Firmware Development) 3. TEL/N 4121 (Maintain a Healthy, Safe and Secure Working Environment) Optional: N.A.
Performance Criteria	As described in the relevant OS units



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CRITERIA FOR ASSESSMENT OF TRAINEES

Job Role Telecom Embedded Hardware Engineer

Qualification Pack TEL/Q2303

Sector Skill Council Telecom

Guidelines for Assessment

1. Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each PC
2. The assessment for the theory part will be based on knowledge bank of questions created by the SSC
3. Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training center (as per assessment criteria below)
4. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training center based on this criteria
5. To pass the Qualification Pack, every trainee should score a minimum of 70% in every NOS
6. In case of successfully passing only certain number of NOS's, the trainee is eligible to take subsequent assessment on balance NOS's to pass the Qualification Pack

Assessment Outcome		Assessment Criteria	Marks Allocation			
Guidelines for Assessment			Total Mark (200+100)	Out Of	Theory	Skills Practical
1. TEL/N2311 (Embedded Hardware Development)	PC1. handle activities such as Requirement definition to derive technical specification of embedded products		100	10	5	5
	PC2. architect, Design and develop circuits for embedded products			10	2	8
	PC3. hardware-software design partitioning			4	2	2
	PC4. design peripheral interfaces for communication protocols like <u>I2C</u> , <u>SPI</u> , <u>UART</u> , <u>Infrared</u> , <u>RF</u> , <u>GSM</u> , <u>GPS</u> , <u>PDH/SDH/Ethernet</u> , <u>QSPI</u> , <u>Zigbee</u> , <u>Wi-Fi</u> and <u>Bluetooth</u>			10	5	5
	PC5. select Components for the hardware design including micro-controllers, real time data acquisition and control components and sensors			10	3	7
VAD			Total Mark (200+100)			



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Date: 22/11/2017

Office Order

Following staff members are appointed faculty for course Telecom Embedded Hardware Development Sanctioned by AICTE under the title Pradhan Mantri Kaushal Vikas Yojana by Technical Institutions 2017-18(AICTE-PMKVY-2017-18).

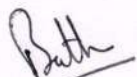
Name of Course	Telecom Embedded Hardware Development
Performance criteria	Name of Faculty
PC1, PC8, PC9	Prof. C.K.Kalawade
PC2,PC3,PC4	Prof. R.J.Lawande
PC5,PC6	Prof. V.A.Dhawale
PC7,PC8	Prof. M.B.Avhad.

Faculties should perform the following duties:-

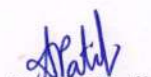
- Assist to collect students for sanction course.
- Collect the documents of students (Adhar card, Diploma/Degree Mark sheet, Leaving Certificate, 2 Photo, Mail ID and contact number).
- Prepare course file for theory as well as practicals of given Performance Criteria.
- Conduct the classes & practicals.
- Maintain attendance record.

Non Teaching technical Staff : Mr. V.B.Shirsath

He will assist teaching staff to conduct practicals, maintain the attendance and said work related to the course.



Prof. Botkar J.P.
Co-ordinator


Dr.A.K.Patil
Head E&Tc

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1. Prof. C.K.Kalawade
2. Prof. V.A.Dhawale
3. Prof. M.B.Avhad.
4. Prof. R.J.Lawande
5. Mr. V.B.Shirsath




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Dr.Vithalrao Vikhe Patil College of Engineering, Ahmednagar
Department of Electronics & Telecommunication
Pradhan Mantri Kaushal Vikas Yojna for Technical Institutions (PMKVY-TI)
Course Name: ___ Telecom Embedded Hardware Developer
Time Table

W.E.F 19/01/2018

Day /Time	9-11	11-1	1-1.30	1.30-3.30	3.30-3.45	3.45-5.45
FRI	Theory(M1,M5)	Theory(M2,M3)	Recesss	Theory(M4,M2)	Recesss	practical
SAT	Theory(M6,M5)	practical		practical		practical
SUN	Theory(M4,M7)	practical		practical		practical

M-Module

Classes will be conducted in Classroom:

Practical's session will be conducted in Laboratory: ETC-11

Module	Telecom Embedded Hardware Developer	Name of Faculty
1	Basic Electronics	Prof. J.P.Botkar
2	PCB Design and Testing	Prof. M.B.Avhad
3	Embedded Hardware Testing	Prof. R.J.Lawande
4	Embedded C	Prof. C.K.Kalawade
5	Microcontroller and other programming Devices	Prof.V. A.Dhawale
6	Communication Protocol Firmware Development	Prof. R.J.Lawande
7	Testing and Troubleshooting of Firmware	Prof. C.K.Kalawade
8	Healthy & Secure Working Environment	Prof. R.J.Lawande
	Lab assistant	Mr. V.B.Shirsath


Course Coordinator
Telecom Embedded
Hardware Developer


HOD
E&TC


Nodal Officer
PMKVY


Principal

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- 1) Principal DVVP for info
- 2) Nodal officer for info




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4	Pooja Rajendra Joshi	7709365886	pooja26joshi@gmail.com
5	Swapnil Vishnu Mungi	98900094256	swapnil.mungi@gmail.com
6	Priyanka Dadu Patole	8149443590	patolepriyanka1@gmail.com
7	Tejaswini Kashinath Borkar	7757965756	borkarteju20@gmail.com
8	Ajinkya Balasaheb Amate	9021510252	ajinkyaamate1293@gmail.com
9	Atul Haresh Katariya	7020802928, 7588339782.	katariyaatul3@gmail.com




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10	Swapnil ramkisan Deokar	9960175734	swapnildeokar0@gmail.com
11	Salikram Shivram Mate	9158916895	Salikram.mate@gmail.com
12	Swati Chandrabhan Kale	8796533920	kaleswatic08@gmail.com
13	Akshay Milind Buchake	9881086684	akshaybuchake10@gmail.com
14	Pooja Shankar Pawar	7756044945	rangnathp62@gmail.com
15	Sagar Ramkisan Deokar	9860386834	sd1284912@gmail.com
16	Amol Dilipraj Pangarkar	7040226104	adpangarkar022@gmail.com
17	Aniket Ashokrao Bhalerao	9421214453	aniketbhalerao583@gmail.com
18	Atpalkar Namrata Sharat	8975130759	namatpalkar@gmail.com
19	Anap Supriya Bhausaheb	9623967487	supriya.anap1995@gmail.com
*20	Saptarshi Sumedh Chandrashekhar	8087281284	ssaptarshi18@gmail.com
21	Salve KrushnaHaridas	7875823154, 9156062452	Salvekrushna91@gmail.com
*22	Gayatri Vaijunath Pawar	9881940360	pawar.gayatri3@gmail.com
23	Thorat Kajal Kailas	9130276558	kajalthorat116@gmail.com
24	Madhura Hoshing	7588117355	madhurah02@gmail.com
25	Sable Pravin Nanasaheb	9158186295	sabalepravin940@gmail.com



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Attendance

Sr.No.	Name of student	19/1/18	20/1/18	21/1/18	27/1/18	28/1/18
1	Akshay Milind Buchake	<u>AmBuch</u>	<u>AmBuch</u>		<u>AmBuch</u>	<u>AmBuch</u>
2	Amol Dilipraj Pangarkar					
3	Aniket Ashokrao Bhalerao	<u>ABhalerao</u>	<u>ABhalerao</u>		<u>ABhalerao</u>	<u>ABhalerao</u>
4	Atpalkar Namrata Sharat	<u>Namrata</u>		<u>Namrata</u>		
5	Atul Haresh Katariya		<u>Atul</u>		<u>Atul</u>	
6	Anap Supriya Bhausaheb	<u>Anap</u>		<u>Anap</u>	<u>Anap</u>	<u>Anap</u>
7	Saptarshi Sumedh Chandrashekhar	<u>Sumedh</u>	<u>Sumedh</u>		<u>Sumedh</u>	<u>Sumedh</u>
8	Salve KrushnaHaridas	<u>Salve</u>		<u>Salve</u>		<u>Salve</u>
9	Gayatri Vaijunath Pawar		<u>Pawar</u>		<u>Pawar</u>	
10	Thorat Kajal Kailas	<u>Thorat</u>	<u>Thorat</u>	<u>Thorat</u>		<u>Thorat</u>
11	Madhura Hoshing	<u>Madhura</u>	<u>Madhura</u>	<u>Madhura</u>	<u>Madhura</u>	<u>Madhura</u>
12	Deokar Swapnil	<u>Deokar</u>	<u>Deokar</u>		<u>Deokar</u>	<u>Deokar</u>
13	Ajinkya Balasaheb Amate	<u>Amate</u>		<u>Amate</u>	<u>Amate</u>	<u>Amate</u>
14	Mate Salikram Shivram	<u>Mate</u>	<u>Mate</u>	<u>Mate</u>	<u>Mate</u>	<u>Mate</u>
15	Kale Swati Chandrabhan	<u>Kale</u>	<u>Kale</u>	<u>Kale</u>	<u>Kale</u>	<u>Kale</u>
16	Pardeshi Shubham Kishor	<u>Pardeshi</u>	<u>Pardeshi</u>	<u>Pardeshi</u>	<u>Pardeshi</u>	<u>Pardeshi</u>
17	Mayuri Subhash Jejurkar	<u>M.S.Jejurkar</u>	<u>M.S.Jejurkar</u>	<u>M.S.Jejurkar</u>	<u>M.S.Jejurkar</u>	<u>M.S.Jejurkar</u>
18	Tushar Mohite Bhagwat	<u>Tushar</u>	<u>Tushar</u>	<u>Tushar</u>	<u>Tushar</u>	<u>Tushar</u>
19	Pravin Sable	<u>Pravin</u>		<u>Pravin</u>	<u>Pravin</u>	<u>Pravin</u>
20	Pooja Rajendra Joshi	<u>Joshi P.R.</u>		<u>Joshi P.R.</u>	<u>Joshi P.R.</u>	<u>Joshi P.R.</u>
21	Swapnil Vishnu Mungi	<u>Swapnil</u>	<u>Swapnil</u>	<u>Swapnil</u>	<u>Swapnil</u>	<u>Swapnil</u>
22	Priyanka Dadu Patole	<u>Priyanka</u>	<u>Priyanka</u>	<u>Priyanka</u>	<u>Priyanka</u>	<u>Priyanka</u>
23	Deokar Sagar	<u>Deokar</u>	<u>Deokar</u>	<u>Deokar</u>	<u>Deokar</u>	<u>Deokar</u>
24	Pooja Pawar	<u>Pooja</u>	<u>Pooja</u>	<u>Pooja</u>	<u>Pooja</u>	
25	Borkar Tejaswini Kashinath		<u>Tborkar</u>	<u>Tborkar</u>	<u>Tborkar</u>	



Dr. Vikhe
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Attendance

Sr.No.	Name of student	2/2/18	3/2/18	4/2/18	9/2/18	10/2/18
1	Akshay Milind Buchake	<u>Amshu</u>	<u>Amshu</u>		<u>Amshu</u>	<u>Amshu</u>
2	Amol Dilipraj Pangarkar					
3	Aniket Ashokrao Bhalerao	<u>ABhalerao</u>	<u>ABhalerao</u>		<u>ABhalerao</u>	
4	Atpalkar Namrata Sharat		<u>Namrata</u>			<u>Namrata</u>
5	Atul Haresh Katariya		<u>Atul</u>		<u>Atul</u>	<u>Atul</u>
6	Anap Supriya Bhausaheb		<u>Anap</u>	<u>Anap</u>	<u>Anap</u>	
7	Saptarshi Sumedh Chandrashekhar	<u>Sumedh</u>		<u>Sumedh</u>	<u>Sumedh</u>	<u>Sumedh</u>
8	Salve KrushnaHaridas	<u>Salve</u>	<u>Salve</u>	<u>Salve</u>	<u>Salve</u>	<u>Salve</u>
9	Gayatri Vaijunath Pawar	<u>Pawar</u>		<u>Pawar</u>		<u>Pawar</u>
10	Thorat Kajal Kailas		<u>Thorat</u>	<u>Thorat</u>		<u>Thorat</u>
11	Madhura Hoshing	<u>Madhura</u>	<u>Madhura</u>	<u>Madhura</u>	<u>Madhura</u>	<u>Madhura</u>
12	Deokar Swapnil	<u>Deokar</u>	<u>Deokar</u>	<u>Deokar</u>	<u>Deokar</u>	<u>Deokar</u>
13	Ajinkya Balasaheb Amate	<u>Amate</u>	<u>Amate</u>	<u>Amate</u>	<u>Amate</u>	
14	Mate Salikram Shivram	<u>Mate</u>	<u>Mate</u>	<u>Mate</u>	<u>Mate</u>	<u>Mate</u>
15	Kale Swati Chandrabhan	<u>Kale</u>	<u>Kale</u>	<u>Kale</u>	<u>Kale</u>	<u>Kale</u>
16	Pardeshi Shubham Kishor	<u>Pardeshi</u>		<u>Pardeshi</u>	<u>Pardeshi</u>	<u>Pardeshi</u>
17	Mayuri Subhash Jejurkar	<u>M.S.Jejurkar</u>	<u>M.S.Jejurkar</u>	<u>M.S.Jejurkar</u>	<u>M.S.Jejurkar</u>	<u>M.S.Jejurkar</u>
18	Tushar Mohite Bhagwat	<u>Tushar</u>	<u>Tushar</u>	<u>Tushar</u>	<u>Tushar</u>	<u>Tushar</u>
19	Pravin Sable	<u>Pravin</u>	<u>Pravin</u>	<u>Pravin</u>	<u>Pravin</u>	<u>Pravin</u>
20	Pooja Rajendra Joshi	<u>Joshi P.R.</u>	<u>Joshi P.R.</u>		<u>Joshi P.R.</u>	
21	Swapnil Vishnu Mungi					
22	Priyanka Dadu Patole	<u>Priyanka</u>	<u>Priyanka</u>	<u>Priyanka</u>	<u>Priyanka</u>	<u>Priyanka</u>
23	Deokar Sagar	<u>Deokar</u>	<u>Deokar</u>	<u>Deokar</u>	<u>Deokar</u>	<u>Deokar</u>
24	Pooja Pawar	<u>Pawar</u>	<u>Pawar</u>	<u>Pawar</u>	<u>Pawar</u>	<u>Pawar</u>
25	Borkar Tejaswini Kashinath	<u>Tborkar</u>	<u>Tborkar</u>		<u>Tborkar</u>	<u>Tborkar</u>



P. D. Patil
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Sector: Telecom

Attendance

Sr.No.	Name of student	11/2/18	16/2/18	17/2/18	18/2/18	23/2/18
1	Akshay Milind Buchake	ABBuchake	ABBuchake		ABBuchake	
2	Amol Dilipraj Pangarkar					
3	Aniket Ashokrao Bhalerao	ABBhalerao		ABBhalerao	ABBhalerao	ABBhalerao
4	Atpalkar Namrata Sharat			(N)Atpalkar		
5	Atul Haresh Katariya	A				A
6	Anap Supriya Bhausaheb	ASAnap	ASAnap	ASAnap		ASAnap
7	Saptarshi Sumedh Chandrashekhar					
8	Salve KrushnaHaridas	SKSalve	SKSalve	SKSalve	SKSalve	SKSalve
9	Gayatri Vaijunath Pawar		G	G		G
10	Thorat Kajal Kailas	TKThorat		TKThorat		TKThorat
11	Madhura Hoshing	MHMadhura	MHMadhura	MHMadhura	MHMadhura	MHMadhura
12	Deokar Swapnil	SDDeokar	SDDeokar	SDDeokar	SDDeokar	SDDeokar
13	Ajinkya Balasaheb Amate	ABAmate	ABAmate	ABAmate	ABAmate	ABAmate
14	Mate Salikram Shivram	MSMate	MSMate	MSMate	MSMate	MSMate
15	Kale Swati Chandrabhan	KS	KS	KS	KS	KS
16	Pardeshi Shubham Kishor	PK	PK	PK	PK	PK
17	Mayuri Subhash Jejurkar	MSJejurkar		MSJejurkar	MSJejurkar	MSJejurkar
18	Tushar Mohite Bhagwat	TM	TM	TM	TM	TM
19	Pravin Sable	PS	PS	PS	PS	PS
20	Pooja Rajendra Joshi		Joshi P.R.	Joshi P.R.	Joshi P.R.	
21	Swapnil Vishnu Mungi					
22	Priyanka Dadu Patole	P	P	P	P	P
23	Deokar Sagar		Deokar		Deokar	
24	Pooja Pawar	P	P	P	P	P
25	Borkar Tejaswini Kashinath					



Principal
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Sector: Telecom

Attendance

Sr.No.	Name of student	24/2/18	25/2/18	2/3/18	3/3/18	4/3/18
1	Akshay Milind Buchake	<u>AmBuchake</u>	<u>AmBuchake</u>		<u>AmBuchake</u>	
2	Amol Dilipraj Pangarkar		<u>Pangarkar</u>		<u>Pangarkar</u>	
3	Aniket Ashokrao Bhalerao	<u>ABhalerao</u>	<u>ABhalerao</u>	<u>ABhalerao</u>	<u>ABhalerao</u>	<u>ABhalerao</u>
4	Atpalkar Namrata Sharat	<u>Namrata</u>		<u>Namrata</u>		
5	Atul Haresh Katariya	<u>Atul</u>	<u>Atul</u>	<u>Atul</u>	<u>Atul</u>	
6	Anap Supriya Bhausaheb	<u>Anap</u>		<u>Anap</u>	<u>Anap</u>	
7	Saptarshi Sumedh Chandrashekhar					
8	Salve KrushnaHaridas	<u>Salve</u>	<u>Salve</u>	<u>Salve</u>	<u>Salve</u>	<u>Salve</u>
9	Gayatri Vaijunath Pawar					
10	Thorat Kajor Kailas					
11	Madhura Hoshing	<u>Madhura</u>	<u>Madhura</u>	<u>Madhura</u>	<u>Madhura</u>	<u>Madhura</u>
12	Deokar Swapnil	<u>Deokar</u>	<u>Deokar</u>	<u>Deokar</u>	<u>Deokar</u>	<u>Deokar</u>
13	Ajinkya Balasaheb Amate	<u>Ajinkya</u>	<u>Ajinkya</u>	<u>Ajinkya</u>	<u>Ajinkya</u>	<u>Ajinkya</u>
14	Mate Salikram Shivram	<u>Mate</u>	<u>Mate</u>	<u>Mate</u>	<u>Mate</u>	<u>Mate</u>
15	Kale Swati Chandrabhan	<u>Kale</u>	<u>Kale</u>	<u>Kale</u>	<u>Kale</u>	<u>Kale</u>
16	Pardeshi Shubham Kishor	<u>Pardeshi</u>	<u>Pardeshi</u>	<u>Pardeshi</u>	<u>Pardeshi</u>	<u>Pardeshi</u>
17	Mayuri Subhash Jejurkar	<u>MSJejurkar</u>	<u>MSJejurkar</u>	<u>MSJejurkar</u>	<u>MSJejurkar</u>	<u>MSJejurkar</u>
18	Tushar Mohite Bhagwat	<u>Tushar</u>	<u>Tushar</u>	<u>Tushar</u>	<u>Tushar</u>	<u>Tushar</u>
19	Pravin Sable	<u>Pravin</u>		<u>Pravin</u>		<u>Pravin</u>
20	Pooja Rajendra Joshi	<u>Joshi P.R.</u>	<u>Joshi P.R.</u>		<u>Joshi P.R.</u>	<u>Joshi P.R.</u>
21	Swapnil Vishnu Mungi					
22	Priyanka Dadu Patole	<u>Priyanka</u>	<u>Priyanka</u>	<u>Priyanka</u>	<u>Priyanka</u>	
23	Deokar Sagar	<u>Deokar</u>	<u>Deokar</u>	<u>Deokar</u>	<u>Deokar</u>	
24	Pooja Pawar	<u>Pooja</u>	<u>Pooja</u>	<u>Pooja</u>	<u>Pooja</u>	<u>Pooja</u>
25	Borkar Tejaswini Kashinath					



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Attendance

Sr.No.	Name of student	9/3/18	10/3/18	11/3/18	16/3/18	17/3/18
1	Akshay Milind Buchake	<u>AMB</u>			<u>AMB</u>	<u>AMB</u>
2	Amol Dilipraj Pangarkar		<u>Pangarkar</u>		<u>Pangarkar</u>	
3	Aniket Ashokrao Bhalerao			<u>ABhalerao</u>	<u>ABhalerao</u>	<u>ABhalerao</u>
4	Atpalkar Namrata Sharat				<u>Namrata</u>	
5	Atul Haresh Katariya		<u>AK</u>	<u>AK</u>	<u>AK</u>	<u>AK</u>
6	Anap Supriya Bhausaheb	<u>ASupriya</u>	<u>ASupriya</u>		<u>ASupriya</u>	<u>ASupriya</u>
7	Saptarshi Sumedh Chandrashekhar					
8	Salve KrushnaHaridas	<u>Salve</u>		<u>Salve</u>		<u>Salve</u>
9	Gayatri Vaijunath Pawar					
10	Thorat Kajal Kailas					
11	Madhura Hoshing	<u>Madhura</u>	<u>Madhura</u>	<u>Madhura</u>	<u>Madhura</u>	<u>Madhura</u>
12	Deokar Swapnil	<u>Deokar</u>	<u>Deokar</u>	<u>Deokar</u>	<u>Deokar</u>	<u>Deokar</u>
13	Ajinkya Balasaheb Amate	<u>Amate</u>	<u>Amate</u>	<u>Amate</u>	<u>Amate</u>	<u>Amate</u>
14	Mate Salikram Shivram	<u>Mate</u>	<u>Mate</u>	<u>Mate</u>	<u>Mate</u>	<u>Mate</u>
15	Kale Swati Chandrabhan		<u>Kale</u>	<u>Kale</u>	<u>Kale</u>	<u>Kale</u>
16	Pardeshi Shubham Kishor	<u>Pardeshi</u>	<u>Pardeshi</u>		<u>Pardeshi</u>	<u>Pardeshi</u>
17	Mayuri Subhash Jejurkar	<u>MSJejurkar</u>	<u>MSJejurkar</u>	<u>MSJejurkar</u>	<u>MSJejurkar</u>	<u>MSJejurkar</u>
18	Tushar Mohite Bhagwat	<u>Tushar</u>	<u>Tushar</u>	<u>Tushar</u>	<u>Tushar</u>	<u>Tushar</u>
19	Pravin Sable	<u>Pravin</u>		<u>Pravin</u>	<u>Pravin</u>	
20	Pooja Rajendra Joshi	<u>Joshi P.R.</u>		<u>Joshi P.R.</u>	<u>Joshi P.R.</u>	<u>Joshi P.R.</u>
21	Swapnil Vishnu Mungi					
22	Priyanka Dadu Patole	<u>Priyanka</u>		<u>Priyanka</u>		<u>Priyanka</u>
23	Deokar Sagar		<u>Deokar</u>	<u>Deokar</u>		<u>Deokar</u>
24	Pooja Pawar	<u>Pooja</u>	<u>Pooja</u>	<u>Pooja</u>	<u>Pooja</u>	<u>Pooja</u>
25	Borkar Tejaswini Kashinath					



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Sector: Telecom

Attendance

Sr.No.	Name of student	23/3/18	24/3/18	25/3/18	30/3/18	31/3/18
1	Akshay Milind Buchake	<u>AmBm</u>	<u>AmBm</u>	<u>AmBm</u>		<u>AmBm</u>
2	Amol Dilipraj Pangarkar			<u>Dangar</u>		
3	Aniket Ashokrao Bhalerao	<u>ABhalerao</u>	<u>ABhalerao</u>	<u>ABhalerao</u>	<u>ABhalerao</u>	
4	Atpalkar Namrata Sharat			<u>Namrata</u>		
5	Atul Haresh Katariya	<u>Atul</u>		<u>Atul</u>	<u>Atul</u>	<u>Atul</u>
6	Anap Supriya Bhausahab	<u>Anap</u>	<u>Anap</u>		<u>Anap</u>	<u>Anap</u>
7	Saptarshi Sumedh Chandrashekhar					
8	Salve KrushnaHaridas		<u>Salve</u>	<u>Salve</u>	<u>Salve</u>	
9	Gayatri Vaijunath Pawar					
10	Thorat Kajal Kailas					
11	Madhura Hoshing	<u>Madhura</u>	<u>Madhura</u>	<u>Madhura</u>	<u>Madhura</u>	<u>Madhura</u>
12	Deokar Swapnil	<u>Deokar</u>	<u>Deokar</u>	<u>Deokar</u>	<u>Deokar</u>	<u>Deokar</u>
13	Ajinkya Balasaheb Amate		<u>Amate</u>	<u>Amate</u>	<u>Amate</u>	<u>Amate</u>
14	Mate Salikram Shivram	<u>Mate</u>	<u>Mate</u>	<u>Mate</u>	<u>Mate</u>	<u>Mate</u>
15	Kale Swati Chandrabhan	<u>Kale</u>	<u>Kale</u>	<u>Kale</u>	<u>Kale</u>	<u>Kale</u>
16	Pardeshi Shubham Kishor	<u>Pardeshi</u>	<u>Pardeshi</u>	<u>Pardeshi</u>	<u>Pardeshi</u>	<u>Pardeshi</u>
17	Mayuri Subhash Jejurkar	<u>MSJejurkar</u>		<u>MSJejurkar</u>	<u>MSJejurkar</u>	
18	Tushar Mohite Bhagwat	<u>Tushar</u>	<u>Tushar</u>	<u>Tushar</u>	<u>Tushar</u>	<u>Tushar</u>
19	Pravin Sable		<u>Pravin</u>		<u>Pravin</u>	
20	Pooja Rajendra Joshi	<u>Joshi P.R.</u>	<u>Joshi P.R.</u>	<u>Joshi P.R.</u>		<u>Joshi P.R.</u>
21	Swapnil Vishnu Mungi					
22	Priyanka Dadu Patole	<u>Priyanka</u>		<u>Priyanka</u>	<u>Priyanka</u>	<u>Priyanka</u>
23	Deokar Sagar	<u>Deokar</u>		<u>Deokar</u>	<u>Deokar</u>	<u>Deokar</u>
24	Pooja Pawar	<u>Pooja</u>	<u>Pooja</u>	<u>Pooja</u>	<u>Pooja</u>	<u>Pooja</u>
25	Borkar Tejaswini Kashinath					



Dr. V. N. Patil
Principal
College of Engineering
Ahmednagar

PMKVY

Embedded Hardware Developer

Sector: Telecom

Attendance

Sr.No.	Name of student	1/4/18	6/4/18	7/4/18	13/4/18	14/4/18
1	Akshay Milind Buchake	<u>AmBuchake</u>		<u>AmBuchake</u>	<u>AmBuchake</u>	
2	Amol Dilipraj Pangarkar		<u>Pangarkar</u>			<u>Pangarkar</u>
3	Aniket Ashokrao Bhalerao	<u>Abhalerao</u>	<u>Abhalerao</u>			<u>Abhalerao</u>
4	Atpalkar Namrata Sharat		<u>Namrata</u>			<u>Namrata</u>
5	Atul Haresh Katariya	<u>Atul</u>	<u>Atul</u>		<u>Atul</u>	
6	Anap Supriya Bhausaheb	<u>Anap</u>		<u>Anap</u>	<u>Anap</u>	
7	Saptarshi Sumedh Chandrashekhar					
8	Salve KrushnaHaridas		<u>Salve</u>	<u>Salve</u>		
9	Gayatri Vaijunath Pawar					
10	Thorat Kajal Kailas					
11	Madhura Hoshing	<u>Madhura</u>	<u>Madhura</u>	<u>Madhura</u>	<u>Madhura</u>	<u>Madhura</u>
12	Deokar Swapnil	<u>Deokar</u>	<u>Deokar</u>	<u>Deokar</u>	<u>Deokar</u>	<u>Deokar</u>
13	Ajinkya Balasaheb Amate	<u>Ajinkya</u>	<u>Ajinkya</u>	<u>Ajinkya</u>		<u>Ajinkya</u>
14	Mate Salikram Shivram	<u>Mate</u>	<u>Mate</u>	<u>Mate</u>	<u>Mate</u>	<u>Mate</u>
15	Kale Swati Chandrabhan	<u>Kale</u>	<u>Kale</u>	<u>Kale</u>	<u>Kale</u>	<u>Kale</u>
16	Pardeshi Shubham Kishor	<u>Pardeshi</u>	<u>Pardeshi</u>	<u>Pardeshi</u>	<u>Pardeshi</u>	<u>Pardeshi</u>
17	Mayuri Subhash Jejurkar	<u>MSJejurkar</u>	<u>MSJejurkar</u>	<u>MSJejurkar</u>		<u>MSJejurkar</u>
18	Tushar Mohite Bhagwat	<u>Tushar</u>	<u>Tushar</u>	<u>Tushar</u>	<u>Tushar</u>	<u>Tushar</u>
19	Pravin Sable				<u>Pravin</u>	<u>Pravin</u>
20	Pooja Rajendra Joshi	<u>Joshi P.R.</u>	<u>Joshi P.R.</u>	<u>Joshi P.R.</u>		<u>Joshi P.R.</u>
21	Swapnil Vishnu Mungi	<u>Swapnil</u>	<u>Swapnil</u>	<u>Swapnil</u>	<u>Swapnil</u>	<u>Swapnil</u>
22	Priyanka Dadu Patole	<u>Priyanka</u>		<u>Priyanka</u>	<u>Priyanka</u>	<u>Priyanka</u>
23	Deokar Sagar	<u>Deokar</u>		<u>Deokar</u>	<u>Deokar</u>	<u>Deokar</u>
24	Pooja Pawar	<u>Pooja</u>	<u>Pooja</u>	<u>Pooja</u>	<u>Pooja</u>	<u>Pooja</u>
25	Borkar Tejaswini Kashinath					



P. Patil
PRINCIPAL
Dr. Vikasrao Vikhe Patil
College of Engineering
Ahmednagar

PMKVY

Embedded Hardware Developer

Sector: Telecom

Attendance

Sr.No.	Name of student	15/4/18	20/4/18	21/4/18	22/4/18	27/4/18
1	Akshay Milind Buchake		AMBuchake		AMBuchake	AMBuchake
2	Amol Dilipraj Pangarkar			Pangarkar		
3	Aniket Ashokrao Bhalerao	ABhalerao	ABhalerao	ABhalerao		ABhalerao
4	Atpalkar Namrata Sharat		Namrata		Namrata	
5	Atul Haresh Katariya	Atul		Atul		Atul
6	Anap Supriya Bhausaheb		Anap	Anap	Anap	Anap
7	Saptarshi Sumedh Chandrashekhar					
8	Salve KrushnaHaridas		Salve	Salve		
9	Gayatri Vaijunath Pawar					
10	Thorat Kajal Kailas					
11	Madhura Hoshing	Madhura	Madhura	Madhura	Madhura	Madhura
12	Deokar Swapnil	Deokar	Deokar	Deokar	Deokar	Deokar
13	Ajinkya Balasaheb Amate	Ajinkya	Ajinkya	Ajinkya		
14	Mate Salikram Shivram	Mate	Mate	Mate	Mate	Mate
15	Kale Swati Chandrabhan	Kale	Kale	Kale	Kale	Kale
16	Pardeshi Shubham Kishor	Pardeshi	Pardeshi	Pardeshi		
17	Mayuri Subhash Jejurkar	MSJejurkar	MSJejurkar	MSJejurkar	MSJejurkar	MSJejurkar
18	Tushar Mohite Bhagwat	Tushar	Tushar	Tushar	Tushar	Tushar
19	Pravin Sable	Pravin				Pravin
20	Pooja Rajendra Joshi	Joshi.P.R.	Joshi.P.R.			
21	Swapnil Vishnu Mungi					
22	Priyanka Dadu Patole	Priyanka	Priyanka	Priyanka	Priyanka	
23	Deokar Sagar	Deokar	Deokar	Deokar	Deokar	
24	Pooja Pawar	Pooja	Pooja	Pooja	Pooja	Pooja
25	Borkar Tejaswini Kashinath					



Principal
Dr. Vilasrao Vikhe Patil
College of Engineering
Ahmednagar

PMKVY

Embedded Hardware Developer

Sector: Telecom

Attendance

Sr.No.	Name of student	28/5/18	29/5/18	4/6/18	5/6/18	6/6/18
1	Akshay Milind Buchake	<u>AMB</u>	<u>AMB</u>		<u>AMB</u>	<u>AMB</u>
2	Amol Dilipraj Pangarkar			<u>Pangarkar</u>		
3	Aniket Ashokrao Bhalerao		<u>AB</u>	<u>AB</u>	<u>AB</u>	<u>AB</u>
4	Atpalkar Namrata Sharat			<u>Namrata</u>		<u>Namrata</u>
5	Atul Haresh Katariya		<u>A</u>		<u>A</u>	
6	Anap Supriya Bhausahab	<u>AS</u>		<u>AS</u>	<u>AS</u>	<u>AS</u>
7	Saptarshi Sumedh Chandrashekhar					
8	Salve KrushnaHaridas	<u>SK</u>	<u>SK</u>		<u>SK</u>	
9	Gayatri Vaijunath Pawar					
10	Thorat Kajal Kailas					
11	Madhura Hoshing	<u>MH</u>	<u>MH</u>	<u>MH</u>	<u>MH</u>	<u>MH</u>
12	Deokar Swapnil	<u>DS</u>	<u>DS</u>	<u>DS</u>	<u>DS</u>	<u>DS</u>
13	Ajinkya Balasaheb Amate	<u>AB</u>	<u>AB</u>	<u>AB</u>	<u>AB</u>	<u>AB</u>
14	Mate Salikram Shivram	<u>MS</u>	<u>MS</u>	<u>MS</u>	<u>MS</u>	<u>MS</u>
15	Kale Swati Chandrabhan	<u>KS</u>	<u>KS</u>	<u>KS</u>	<u>KS</u>	<u>KS</u>
16	Pardeshi Shubham Kishor	<u>PS</u>	<u>PS</u>	<u>PS</u>	<u>PS</u>	<u>PS</u>
17	Mayuri Subhash Jejurkar	<u>MSJ</u>	<u>MSJ</u>	<u>MSJ</u>	<u>MSJ</u>	<u>MSJ</u>
18	Tushar Mohite Bhagwat	<u>TM</u>	<u>TM</u>	<u>TM</u>	<u>TM</u>	<u>TM</u>
19	Pravin Sable	<u>PS</u>	<u>PS</u>		<u>PS</u>	
20	Pooja Rajendra Joshi	<u>Joshi P.R.</u>	<u>Joshi P.R.</u>	<u>Joshi P.R.</u>	<u>Joshi P.R.</u>	<u>Joshi P.R.</u>
21	Swapnil Vishnu Mungi	<u>VS</u>	<u>VS</u>	<u>VS</u>	<u>VS</u>	<u>VS</u>
22	Priyanka Dadu Patole	<u>PD</u>	<u>PD</u>	<u>PD</u>		
23	Deokar Sagar	<u>DS</u>	<u>DS</u>	<u>DS</u>		
24	Pooja Pawar	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>
25	Borkar Tejaswini Kashinath					



V.P. Patil
PRINCIPAL
D.V.V. PATIL COLLEGE OF ENGINEERING
Warananagar, Nashik

Dr.V.V.P. COLLEGE ENGINEERING, AHMEDNAGER

"PMKVY-TI 2018"

Workshop on

Basic Fire Safety and Life Support

Schedule

Venue: - Seminar Hall

Date : 23 April 2018

Time	Activity	Duration (minutes)
11:00 am - 11:02 am	Welcome	2
11:02 am - 11:05 am	Pratima Poojan & Deep Prajwalan	3
11:05 am - 11:08 am	Introduction and Felicitation of Chief Guest Felicitation of Chief Guest Mr. Umesh Ashtekar (Usha Fire & Safety Pvt.LTD Pune) by Dr. K.B.Kale, Vice Principal.	
11:08 am - 11:13 am	Speech by Dr. K.B.Kale, Vice Principal.	5
11:13 am - 1:00 pm	Session I	1Hr.47Min
1:00 pm - 2:00 pm	Break	1Hr.
2:00 pm - 5:00 pm	Session II	2Hr.




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College of Engineering
Ahmednagar



Dr. Vithalrao Vikhe Patil Foundation's
Dr. V.V.P. College of Engineering, Vilad Ghat
Ahmednagar-414111



Attendance

Pradhan Mantri Kaushal Vikas Yojana for Technical Institutions (PMKVY-TI)

Workshop on

Basic Fire Safety and Life Support

No.	Name of Student	Phone Number	Sign
1.	Prof. Botkar J. P.	9421361570	
2.	Prof. Dhawale V. A.	9270231284	
3)	Prof. Majumdar S. S.	9689041883	
4)	Prof. Bhaterao P. P.	9921902345	
5)	Prof. Bharadi S. G.	7038417376	
6)	Prof. Nagare S. R.	9552186279	
7)	Prof. Londhe G. D.	9673312351	
8)	Prof. Kalawade Chaitanya K.	9763621643	
9)	Prof. R. A. Wakale	9146632112	
10)	Prof. G. B. Munde	8983058799	
11)	Prof. G. K. Shirsekar	7209701525	
12)	Prof. A. R. Laware	7420932662	
13)	Shri K. J. Kadam	9762648935	
14)	A. V. Bhad	8698743343	
15)	Raut Bhagwan T.	9860127239	
16)	Bhagat Baneshwar S.	9767840835	
17)	Nikam Rohan	9665399646	
18)	Aher Meghraj S.	7387872301	



PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar

Date 24/4/18

To
The Principal,
DVVPCOE
A'Nagar.

Subject: Sanction of budget of Rs. 5000/- for the
Expt. Lecture on module "Communication
Protocol Firmware Development" of PMKVY-
Embedded Hardware Developer. on 28th Apr. 2018.

Respected Sir,

With respect to above subject Dept. of E&TC going to conduct
expert Lecture for PMKVY students under sector Telecom
of Embedded Hardware Developer on 28th Apr. 2018.
So kindly sanction the budget of Rs. 5000/-
for the same.

Quotation is enclosed with the application.

Thanking you.

Approved RS 4200/-
for course fee quotation.
Per Mr. J. P.

Yours faithfully

Ms. Botkar J.P.
Co-ordinator
Embedded Hardware
Developer - PMKVY-T
Dept. of E&TC.

For to principal
for sanction pl.
ref J.P. Botkar
going to conduct
expert Lecture under PMKVY-T
on 28th April 2018
Adv. AR
LAWAN AR
24/4/18

To the Principal
for sanctioning
24/4



Dr. V.V. Patil
PRINCIPAL
Dr. Vihareo Vihare Patil
College of Engineering
Ambenagar



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MOB NO. 7588884886, 8668391829

Date: 24-4-2018

To,
The Principal,
PDVVP COE,
AHMEDNAGAR.

Sub: Regarding Lecture on Communication Protocol on 28-4-2018 for PMKVY.

Dear Sir,

With Reference to the above subject following given is the content and the quotation for the expert lecture for PMKVY on Communication Protocols.

Sr no.	Topic	Time
1	Understanding Serial, SPI and I2C communication	2hrs
2	Introduction to Bluetooth, ZigBee, RF, GSM and GPS	2hrs 30mins
3	Industrial Product development.	1hr 30mins

Total Hours	6hrs
Total Amount	4200/-

Yours Faithfully
Akash Dane

(M.D Synapse Systems)

 synapsesystems86@gmail.com



 www.synapsesystems.co.in

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College of Engineering
Ahmednagar

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No recent chats
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To ~~R.G. Sir~~

prof. Botkar J.P. mam,
Mor

unauthorized. If you are not the intended recipient (or responsible for delivery of part of its contents) or take any action in reliance on it. In such case, you should

Organization hence forward) cannot accept responsibility for any loss or damage expressed in this electronic mail are not given or endorsed by the organization ui

Deepak Kumar <assessments@tsscindia.com>

to me, Krishna, PK

Dear Sir,

The following is the procedure to conduct assessments under PMKVY TI:
The college to submit assessment fee to TSSC for a minimum batch of 20.

The assessment fee is INR 800 & 1200 per candidate for service and manufactur

Below are the details of TSSC' Canara bank account:

Name - Telecom Sector Skill Council

Bank - Canara Bank

Branch - C-DOT Campus, Chattarpur, Mehrauli, Delhi - 110031

Account No. - 8657101101117

IFSC Code- CNRB0008657

Post submission of assessment fee, the college is requested to inform TSSC of th
TSSC will align the batch for assessments within 7 working days and you shall be

In case of any concern, please feel free to revert.

Regards,

Deepak Kumar

04 8277004400

Botkar J.P.
Prof ~~R.G. Raut~~, pl. do needful
as your sector is TELECOM.

Arundhan
Laware AR
Nodal officer, PMKVY-TI.
20/6/18.

Prepre Excel Sheet as below.

Candidate ID	Candidate Name	Ahar no	mobile no.
--------------	----------------	---------	------------

[Signature]
PRINCIPAL
Dr. Mihir Vikhe Patil
Engineering
Ahmednagar.

Dr. Vithalrao Vikhe Patil College of Engineering, Vilad Ghat,
Ahmednagar-414111

Date: 17/01/2018

Detailed Responsibilities for Inauguration of PMKVY-TI

1. Wel come and Reception:

- Rangoli in front of seminar hall
- Ribbon at door of seminar hall
- Tray arrangement in seminar hall while felicitation of chief guest
- Arrangement of flower Bouquet
- Bouquet should handover to chief guest at the time departure of guest to his vehicles etc
- Invitation of program to all Principals
- Registration Counter arrangement: In the format given below fill all the information of PMKVY-TI student who were attending the function.

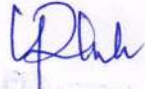
Sr. No.	Specialization	Address and Email-ID	Mobile No.

Note: I, Mr. Laware A.R. prepared this format and given to Prof. Landge A.R.

2. Seminar Hall and Seating Arrangement:

- To look after seminal hall with Tables + Table cloths
- Folders in front guest- In folder- Inaugural schedule, information of PMKVY-TI scheme information should be included
- Inaugural schedule should be collected from Prof. J.P. Botkar
- PMKVY-TI scheme information should be collected from Prof. A.R. Laware
- **To ensure followings-**
- Name plates, Water bottles, Glasses, Seating arrangements chairs + white covers on chairs, Two Har (for Padmashri Photo and Late Dr. Balasaheb Vikhe Patil Photo)
- Flowers, Samai preparation




Principal
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar

3. Anchoring:

- To prepare PMKVY-TI program schedule
- To approve program schedule from Hon'ble Principal
- To handover schedule to seminar and seating hall incharge so that he will put it into folders in front of guest
- **Ganesh Vandana- Prof. N.M. Deshpade**

4. Kit Preparation:

- To ensure Pen, Note Pad, Time-Table of PMKVY-TI course
- Name of Course sanctioned under PMKVY-TI scheme
- One page information of Name of HoDs, Coordinator and Trainers with their contact no.




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Ahmednagar

Dr.V.V.P. COLLEGE ENGINEERING, AHMEDNAGER
"PMKVY-TI 2018"

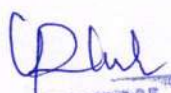
Schedule for Inauguration Ceremony

Venue: - Seminar Hall

Date : 18 January 2018

Time	Activity	Duration (minutes)
11:00 am - 11:02 am	Welcome	2
11:02 am -11:05 am	Ganesh Vandana	3
11:05am - 11:10 am	Pratima Poojan & Deep Prajwalan	5
11:10 am - 11:13 am	Briefing of event by Nodal Officer Prof.A.R.Laware	3
11:13 am - 11:18 am	Introduction and Felicitation of Chief Guest Felicitation of Chief Guest Mr. Bharatbhushan P. Bhagwat (Director M/s Atul Enterprises) by Deputy Director Prof. Sunil Kalhapure	5
11:18am - 11:23 am	Address By Principal Dr. Jayakumar Jayaraman	5
11:23 am - 11:28 am	Address By Deputy Director Prof. Sunil Kalhapure	5
11:28 am-11:38 am	Address By Chief Guest Mr. B.P.Bhagwat	10
11:38 am-11:41 am	Vote of Thanks by HOD E&TC Dr. A.K.Patil	3




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placement details course (Telecom: Embedded Hardware Developer)wise under PMKVY-TI 2017-18

Course Name: Telecom: Embedded Hardware Developer

Sr.No.	Student Name	Father Name	Category (SC/ST/OBC/ Gen)	Pass/Fail/Not Appear Students	Placement Details (Yes/No)	Company Name/Self Employee	Experience	Salary Rs.
1	Shubham Kishor Pardeshi	Kishor Pardeshi	Open	pass	Yes	Synapse Systems	29 months	12000/-
2	Mayuri Subhash Jejurkar	Subhash Jejurkar	OBC	pass	Yes	Synapse Systems	29 months	12000/-
3	Tushar Bhagwat Mohite	Bhagwat Mohite	open	pass	Yes	Bajaj Electricals Ltd.	29 months	22000/-
4	Pooja Rajendra Joshi	Rajendra Joshi	open	pass	Yes	Seed Infotech Ltd.	25 months	20000/-
5	Swapnil Vishnu Mungi	Vishnu Mungi	Open	pass	No	-		
6	Priyanka Dadu Patole	Dadu Patole	SC	pass	Yes	Synapse Systems	29 months	12000/-
7	Ajinkya Balasaheb Amate	Balasaheb Amate	open	pass	Yes	D'Net Systems	29 months	20,205/-
8	Swapnil Ramkisan Deokar	Ramkisan Deokar	VJ	pass	Yes	Shubra Ranjan IAS Study P	26 month	18000/-
9	Salikram Shivram Mate	Shivram Mate	open	pass	Yes	Synapse Systems	29 months	12000/-
10	Swati Chandrabhan Kale	Chandrabhan Kale	open	pass	Yes	Synapse Systems	29 months	12000/-
11	Akshay Milind Buchake	Milind Buchake	open	pass	Yes	Automatic IT services Pvt.L	29 months	25000/-
12	Pooja Shankar Pawar	Shankar Pawar	open	pass	No	-		
13	Sagar Ramkisan Deokar	Ramkisan Deokar	VJ	pass	Yes	Parkway Mind Software	29 months	12000/-
14	Aniket Ashok Bhalerao	Ashokrao Bhalerao	open	pass	Yes	Synapse Systems	29 months	12000/-
15	Supriya Bhausaheb Anap	Bhausaheb Anap	open	pass	Yes	Parkway Mind Software	29 months	12000/-
16	Krushna Haridas Salve	Haridas Salve	OBC	pass	Yes	Parkway Mind Software	29 months	12000/-
17	Madhura Mukund Hoshing	Mukund Hoshing	open	pass	Yes	Parkway Mind Software	29 months	12000/-
18	Pravin Nanasaheb Sable	Nanasaheb Sable	NT	pass	Yes	Nelson Global Product Pvt	29 months	40000/-
19	Tejaswini Kashinath Borkar	Kashinath Borkar	Open	Absent	-	-	-	-
20	Atul Haresh Katariya	Haresh Katariya	open	Absent	-	-	-	-
21	Amol Dilipraj Pangarkar	Dilipraj Pangarkar	OBC	Absent	-	-	-	-
22	Atpalkar Namrata Sharat	Atpalkar Sharat	open	Absent	-	-	-	-
23	Thorat Kajal Kailas	Kailas Thorat	open	Absent	-	-	-	-
24	Saptarshi Sumedh Chandras	Chandrashekhar Saptarshi	open	Not continue	-	-	-	-
25	Gayatri Vijunath Pawar	Vijunath Pawar	open	Not continue	-	-	-	-

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