

**Department of Electronics and Telecommunication
Activities of Department Association EESA for A.Y.2016-17**

Sr. No.	Name of the Event	Date(s)	No. of Participants	Level of Event
1	Farewell	3 April 2017 (6 th April)	162	Institute Level
2.	Career Opportunities in Electronics & Telecomm by Mr.AshutoshAthawale	11 th March 2017	92	Institute Level
3.	Coding (C/C++) Competition	12 Feb 2017	38	Institute Level
4.	Predictive Analytic Automotive Industry by Dhananjay Banger, Einfochip ,Pune	19 th Jan 2017	84	Institute Level
5.	Expert Lecture on "Entrepreneurship in the field of Robotics" Mr.YuvrajPardeshi, Director operations, Yushai Systems Shreyash Industries, MIDC,PimpriChinchwad, Pune	25 th Oct 2016	92	Institute Level
6.	Study of PCB for project work by ArvindKumawat,ApplicationManagerCTR Manufacturing plant, Nashik	15 th Oct 2016	114	Institute Level



Dr. Vithalrao Vikhe Patil
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Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar



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Dr. Vitthalrao Vikhe Patil Foundation's

**Dr. Vitthalrao Vikhe Patil
College of Engineering Ahmednagar**



DTE College Code: EN-5161

**Department of Electronics and Telecommunication
Activities of Department Association EESA for A.Y.2017-18**

Sr. No.	Name of the Event	Date(s)	No. of Participants	Level of Event
1	Farewell Institute Level	09 April 2018	135	Institute Level
2.	Group Discussion	24 Jan 2018	13	Institute Level
3.	Project Competition	12 Jan 2018	38	Institute Level
4.	Poster Presentation Competition	11 Jan 2018	60	Institute Level
5.	Seminar on "Scope of Nanotechnology" (Engineer's Day)	15 sept 2017	97	Institute Level
6.	Quiz Competition	15 sept 2017	95	Institute Level
7.	Teachers day Tree Plantation	5 Sep 2017	40	Institute Level



[Signature]
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Department of Electronics and Telecommunication
Activities of Department Association EESA for A.Y.2018-19

Sr. No.	Name of the Event	Date(s)	No. of Participants	Staff Coordinator
1	Farewell	9 May2019	95	Prof.V.A.Dhawale
2.	3 days Workshop on Embedded System, IOT and Ardiuno by Mr.Akash Dane, and Mr.SumedhSaptarshi	21 to 23 Feb 2019	39	Prof.V.A.Dhawale
3.	Expert Lecture on the occasion of Engineer's week 2018	21-Sep-18	38	Prof.V.A.Dhawale
4.	Teacher's Day	5-Sep-18	74	Prof.V.A.Dhawale
5.	Quiz Competition	5-Sep-18	95	Prof. A.R. Mane




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**Department of Electronics and Telecommunication
Activities of Department Association EESA for A.Y.2019-20**

Sr. No.	Name of the Event	Date(s)	No. of Participants	Staff Coordinator
1.	Aptitude Test	26 th May 2020	228	Prof.P.P.Bhalerao
2.	Quiz in C & C++	24 th May 2020	183	Prof.J.P.Botkar
3.	Quiz Competition	23 rd May to 1 st June 2020	226	Prof.A.R.Landge
4.	Quiz Competition	21 st May 2020 to 25 th May 2020	387	Prof.S.R.Udavant
5.	Paper Presentation	12 th Feb 2020	27	Prof. V.A.Dhawale
6.	Project Competition	12 th Feb 2020	9	Prof. V.A.Dhawale
7.	Coding (C/C++) Competition	12 th Feb 2020	17	Prof.P.B.Varpe Prof.A.U.Vikhe
8.	Poster Competition	11 th Feb 2020	76	Prof. V.A.Dhawale
9.	Logo making Competition	11 th Feb 2020	33	Prof. V.A.Dhawale
10.	Gaming Competition	11 th Feb 2020	95	Prof. V.A.Dhawale
11.	Tree Plantation	19 th July 2019	120	Prof. V.A.Dhawale



V. A. Dhawale
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Department of Electronics and Telecommunication
EESA

Organised

E-Technival 2K21(State Level Competition)23rd May 2021

Registration Link:

https://docs.google.com/forms/d/e/1FAIpQLScXIO9257l697JUzxBvDTmTvbelb3ZbGSYZZB_Vr1tEWGA3Pw/viewform?usp=sf_link

Competitions:

1. Electoon
2. Circuit Control
3. Engineer Meets Poetry
4. Crossword

Students Attended: From Engineering and Diploma colleges of different places in Maharashtra.

No. of students participated:-140

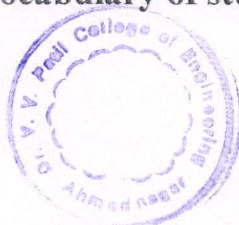
Event In charge:- Prof. J.P. Botkar

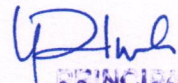
Student Co-ordinators:

1. Mr.Rohit Rahinj B.E.E&TC,
2. Mr.Yash Patole (T.E.E&TC)
3. Miss.Kalyani Gadekar (T.E.E&TC)
4. Mr.Ainual Bagwan (T.E.E&TC)
5. Mr.Sanket Nirwane (T.E.E&TC)

Objective: -

1. To develop Logical Thinking
2. To improve Circuit analysis and design ability of students.
3. To provide platform for Artistic nature of student in technical environment.
4. To improve the technical vocabulary of students.




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Outcomes -


1. Students will be able to think in different way for same problem.
2. Students will be able to design the circuit according to the problem given.
3. Students will get platform for their artistic thinking.
4. Students will be able to give more words for different technical definitions.

CO-PO Mapping

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1								2	2	2		
CO2			3									
CO3						2		3	3			
CO4				2				3	3			

CO-PSO Mapping

CO	PSO1	PSO2	PSO3
CO1			
CO2	3		
CO3			
CO4			

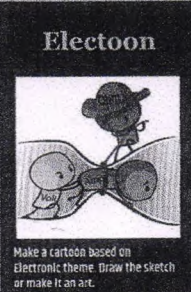


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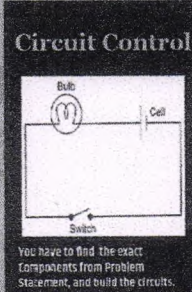
Department of Electronics & Telecommunication Engineering
EESA
(Electronics & Telecommunication Engineering Student's Association)
Organizing

STATE LEVEL E-TECHNIVAL 2K21




Electoon

Make a cartoon based on electronic theme. Draw the sketch or make it an art.



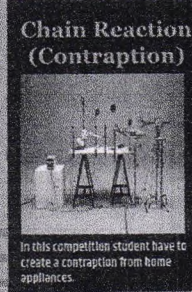
Circuit Control

You have to find the exact components from Problem Statement, and build the circuits.



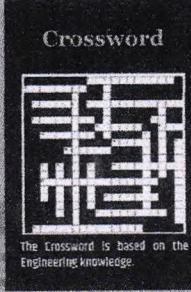
Engineer Meets Poetry

Rhythmic poem based on engineering and technology.



Chain Reaction (Contraption)

In this competition student have to create a contraption from home appliances.




Crossword


The Crossword is based on the Engineering knowledge.

General Instruction :-

1. Each Participant Will Get E- Certificates and Win Cash Prizes.
2. No Entry Fees.
3. Must Fill The Google Form For The Competition.
4. For More Details Scan The QR Code



Register for competition till 20 May 2021. Choose your choice of competition and upload your work on given link till respective date.



Contact Us: 8830193132/8888438955

R.Z.Rahinj
President
EESA Committee

Prof.J.P.Botkar
EESA Coordinator
E&TC Department

Dr.A.K.Patil
HOD
E&TC Department

Dr.U.P.Naik
Principal
DVVP COEA



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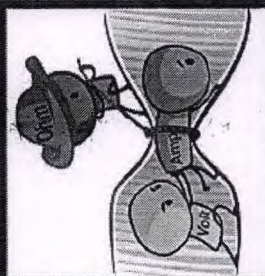
Department of Electronics & Telecommunication Engineering

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Organizing

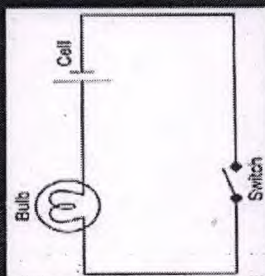
STATE LEVEL E-TECHNIVAL 2K21

Election



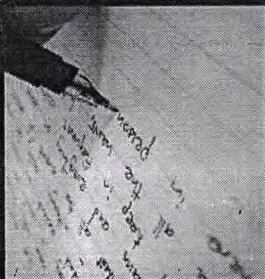
Make a cartoon based on
Electronic theme. Draw the sketch
or make it an art.

Circuit Control



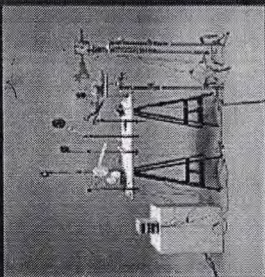
You have to find the exact
Components from Problem
Statement, and build the circuits.

**Engineer
Meets Poetry**



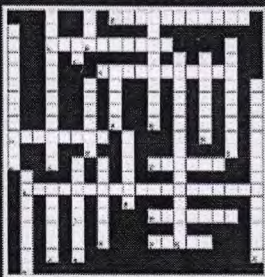
Rhythmic poem based on
engineering and technology.

**Chain Reaction
(Contraction)**



In this competition student have to
create a contraction from home
appliances.

Crossword



The Crossword is based on the
Engineering knowledge.

General Instruction :-

1. Each Participant Will Get E- Certificates and Win Cash Prizes.
2. No Entry Fees.
3. Must Fill The Google Form For The Competition.
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EESA Coordinator
E&TC Department

Dr. A. K. Patil
HOD
E&TC Department

Dr. U. P. Naik
Principal
DVVP COEA

Contact Us: 8830193132 / 8888438955

Principal
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar

Dr. Vitthalrao Vikhe Patil College of Engineering, Ahmednagar
Department of Electronics and Telecommunication Engineering

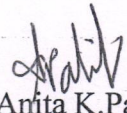
Office Order

Date: 22/05/21

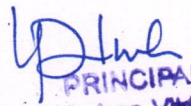
STATE LEVEL E-TECHNIVAL 2K21

Following staff members are appointed as Judge for the events of E-Technival 2K21.
Details are as follows

Competition	Student Coordinator	Judges
Poem-	Yash Kumbhakarn (T.E.) Rushikesh Rohit Ballal (S.E.)	➤ Prof. N.M.Deshpande ➤ Prof.A.R.Udawant ➤ Prof.A.U.Vikhe
Electoon	Sarika Pardeshi (T.E.) Shagun Sharma (T.E.)	➤ Prof.P.P.Bhalerao ➤ Prof.A.R.Landge ➤ Prof.R.J.Lawande


Dr. Anita K. Patil
H.O.D.
E&TC Dept.




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Dr. Vitthal Vikhe Patil College of Engineering, Ahmednagar
Department of Electronics and Telecommunication Engineering

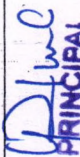
Online Prize Distribution

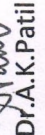
Date: 15/6/2021

STATE LEVEL E-TECHNICAL 2K21

Sr. No.	Competition	Name of student	Year/Class	College	Prize	Phone (account number)	Amount Rs.	Transaction by online payment
1.	Engineer Meet Poem	Ankit Sing	S.E.E&TC	SIT Plytechnic, Yadrav, Kolhapur	Winner	9370609672 Brother account	300/- ✓	
		Diya Karkhanis	T.E.E&TC	D.Y.Patil College of Engineering, Pune	Runner up	88560 41080	200/- ✓	
2.	Electoon	Kamini Sakahari Munde	B.E. E&TC	Late G N Sapkal Knowledge Hub College Of Engineering	Winner	9767415897	300/- ✓	
		Esha Manik Jadhav	S.E.	NDMVP college of engineering, nashik	Runner-up	9657671644	200/- ✓	
3.	Crossword	Charvi Dilip Bhawe	B.E. E&TC	PICT, Pune	Winner	8805314779	300/- ✓	
		khose swapnil ramesh	T.E. IT	Dr.V.V.P.CoE Ahmednagar	1 st runner up	8830374212	200/- Phone pay	
		Shendkar priti mahesh	T.E. Mech	Government polytechnic a.nagar	2 nd runner-up	7620153013 (Shradha shinde)	100/- ✓	
4.	Circuit Control	Myana Vrushali Dnyaneshwar	B.E. E&TC	Dr.V.V.P.CoE Ahmednagar	Winner	72767 71445	300/- ✓	
		Shraddha Sanjay Shinde	T.E. E&TC	Government polytechnic a.nagar	Runner-up	7620153013	200/- Phone pay ✓	
					Total		2100/-	

Prof. J.P.Botkar
EESA Coordinator


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Dr.A.K.Patil
HOD E&TC



Questions for Circuit control Competition

Department of Electronics and Telecommunication

EESA

organised

E-Technival 2K21

State Level Competition

23rd May 2021

Q. A circuit of an amplifier gives high input impedance in order to have a proper signal measurement from the transducer.
(hint : temperature controller)

Q. The circuit lends itself to use in small driver chips having same priority.
(hint : use only 2 transistors from 3)

Q. It is a one kind of the circuit & the configuration of this circuit is based upon the standard inverting op-amp.

Q. The circuit which cannot be used as low frequency, the harmonic content in the output of this circuit is very high.
(hint : phase difference 360° & use only transistor)

Q. Draw the circuit diagram from given waveforms, When the input sine wave cross zero & become positive at instant $t = 0$, the differential input voltage become negative & the output.
Given waveform -

Q. Draw the circuit such a way that it will operates in two mode. In 1st mode the middle section can acts as a closed switch & output is sampled & in 2nd mode that middle section act as an open switch that gives the constant no output.
(hint : use two buffers)

Q. Draw the circuit which gives zero output for high input & high output for zero input using the technology which is better than BJT.

Q. Realize the following equation using NAND gate.

1. $Y = (A + B)(B + C)$
2. $Y = AB + C$

Q. Draw the circuit which output is proportional in term of logarithmic of input.



V. V. Patel
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Dr. Vithalrao Vikhe Patil College of Engineering Ahmednagar

Department of Electronics & Telecommunication

EEESA

Electronics & Telecommunication Engineering Students Association



DTE College Code: EN-5161

STATE LEVEL E-TECHNIVAL 2K21

This is to certify that Ms/Ms Shendekar Priti Mahesh from Government Poly. A. nagar Studying in Mechanical has actively RUNNER UP in E-Technival State Level Competition, category Contraption, dated on 23rd May 2021 at Dr. Vithalrao Vikhe Patil College of Engineering Ahmednagar.

[Signature]
Prof. Jyoti. P. Botkar
EESA Coordinator
E&TC Department

[Signature]
Dr. Anita. K. Patil
HOD
E&TC Department

[Signature]
Dr. Uday. P. Naik
Principal
DVVPCOE




[Signature]
Principal
Dr. Vithalrao Vikhe Patil
College of Engineering
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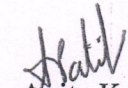
Department of Electronics and Telecommunication

NOTICE

Date: 08/02/2019

All the students are hereby informed that Electronic and Telecommunication Engineering Student Association of our department in association with The Institute of Engineers India is organizing a Three Day Workshop on “**Embedded System, Arduino and IOT**” by our Alumni Er. Akash Dane, Director Synapse System. and Er. Sumedh Saptarshi dated on 21th Feb to 23rd Feb. 2019. Those who want to participate can register their name to student coordinator Sukrut Kulkarni B.E.E&TC as early as possible.


Ms. V.A. Dhawale
Coordinator


Dr. Anita K. Patil
HOD E&TC


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

EESA & IEI

Title: Three day workshop on Embedded System, Ardiuno and IOT

Date : 21/02/2019 to 23/02/2019

Time : 9.30am to 5.00pm

Name od Expert: Er. Akash Dane, Director Synapse Systemes,Ahmednagar
Er. Sumedh Saptarshi, Alumni E&TC

Organization: Synapse System Ahmednagar.

Classes attended: SE & TE students

Participants: 39

Venue: Computer Lab 1(ETC 11)

Event Incharge: Prof. V.A.Dhawale

Student co-ordinator: Sukrut Kulkarni, Pankaj Kokane and Gadhe Shubham.

Objectives :

To get familiar with various concept of Embeded Systems and IOT

To have hands on practice on Ardiuno board.

To learn interfacing of various devices with Ardiuno board.

To explore students with the real world interfacing.

To apply this knowledge in their mini and major project

Outcome:

CO1: Students got the information as well as hands on Ardiuno and Embedded system.

CO2: Student learnt interfacing with sensors, motors and various I/O devices.

CO3: Two Projects build and implemented by students

1.IOT based Smart agriculture System and

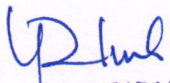
2. Smart Stick for Blind.

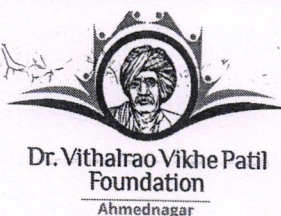
CO-PO Mapping

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	P012
CO1	3	3	3	3	3			3	3	3		
CO2	3	3	3									
CO3	3	3	3	3				3	3	3		

CO-PSO Mapping

CO	PSO1	PSO2	PSO3
CO1			
CO2	3		
CO3	3		


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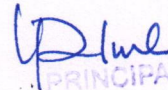
Report
On
Three Days Workshop
By
Alumini

Topic: Three Days Workshop on Embedded Systems, Arduino and IOT

Date: 21/02/2019 to 23/02/2019

Venue: Department of E&TC -Computer Lab-I (DVVPCOE, Ahmednagar)

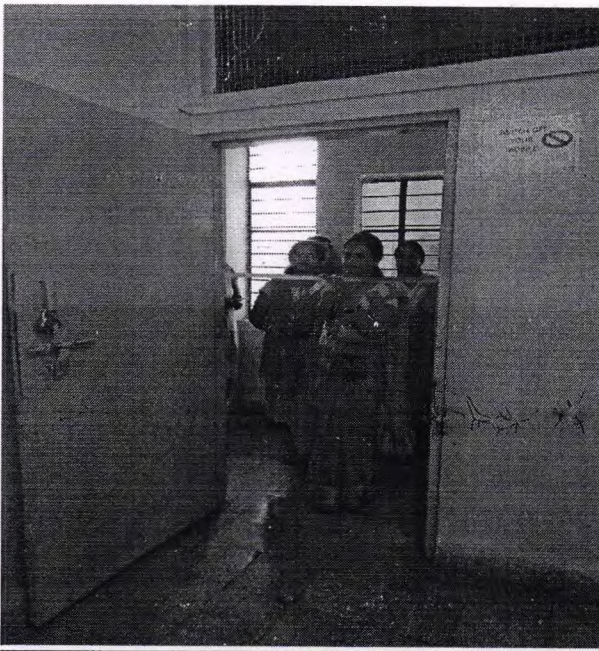
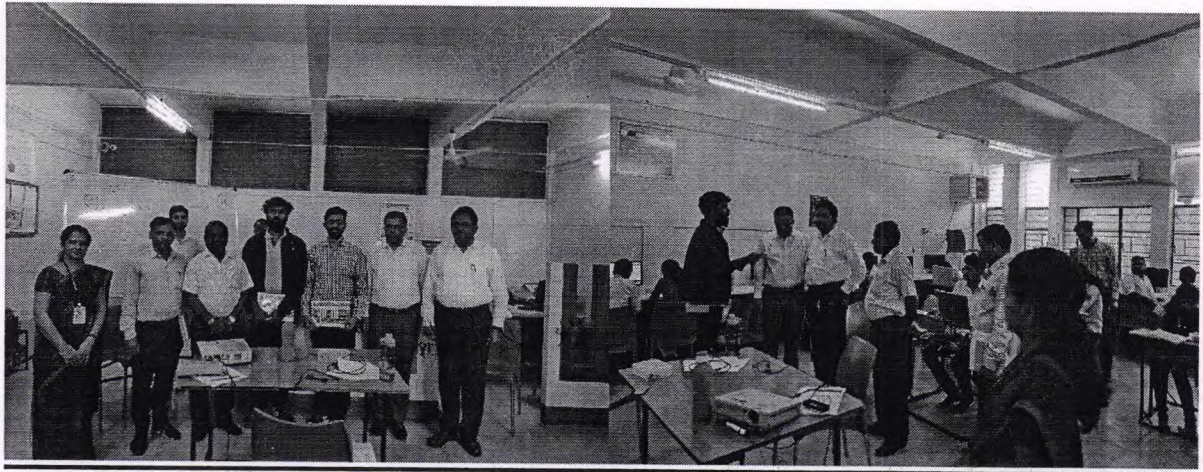
Organized by
Department of Electronics and Telecommunication
Dr. Vithalrao Vikhe Patil College of engineering Ahmednagar



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- **Topics Covered**

1. Introduction to Embedded Systems and Arduino.
2. Arduino IDE Introduction and installation.
3. Interfacing with sensors, motors and various I/O devices.
4. Communication protocol with Arduino.
5. IOT (Internet of Things) Introduction, Need, setting up Server, DAS and Data base Management.
6. Projects - IOT based Smart Agriculture System and
 - Smart Stick for Blind.


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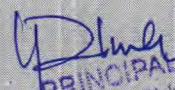
ARDUINO AND IOT WORKSHOP

Group no	NAME of STUDENT	Day 1	Day2	Day 3
G1	Nisha Bhau Thorat Sanjana Yerguntala Sushant Wadbekar	N3 Thorat Soyag Sushant	N3 Thorat Soyag Sushant	N3 Thorat Soyag Sushant
G2	Kulkarni Gauri Poojima Nikam Hiteek Marna	Kulkarni Poojima Hiteek	Kulkarni Poojima Hiteek	Kulkarni Poojima Hiteek
G3	Munot Aniket Chaudhari Adinath Ramdas Shinde Avinash Rameshchandra	Munot Chaudhari Shinde	Munot Chaudhari Shinde	Munot Chaudhari Shinde
G4	Sukrut Kulkarni Ankita Pawar Sangeet Mote	Sukrut Ankita Sangeet	Sukrut Ankita Sangeet	Sukrut Ankita Sangeet
G5	Siddhant Jaykumar Mahesh Shinde Pratik Prakash Ganesh Akash Maheshchandra	Siddhant Shinde Ganesh	Siddhant Shinde Ganesh	Siddhant Shinde Ganesh
G6	Wagh Rupali Gajare Sonali Goud Kartika	Rupali Gajare Goud	Rupali Gajare Goud	Rupali Gajare Goud
G7	Kulkarni Pooja Anand Lolage Snehal Rayendra Wakchaure Ashwini Balasaheb	Kulkarni Lolage Wakchaure	Kulkarni Lolage Wakchaure	Kulkarni Lolage Wakchaure
G8	Todamal Ram Dattatray Rohit Zumber Rahim Rushabh Raykar	Todamal Rohit Rushabh	Todamal Rohit Rushabh	Todamal Rohit Rushabh
G9	Shelke Pallavi Ramesh Gurav Aishwarya Haridas Zarekar Dipali Annasaheb	Shelke Gurav Zarekar	Shelke Gurav Zarekar	Shelke Gurav Zarekar

UP
Engineering
Institute

ARDUINO AND IOT WORKSHOP

G10	Dumate Pratiksha Pramod	Yamate	Yamate	Dumate.P.P.
	Waghmode pratiksha Arjun	Pratiksha	Pratiksha	Pratiksha
	Ghodke Aishwarya pratash	A.P. Ghodke	A.P. Ghodke	A.P. Ghodke
G11	Chaudhari Vishal Bhalchandra	Chaud	Chaud	Chaud
	Kokane Pankaj Baliram	Pankaj	Pankaj	Pankaj
	Gadhe Shubham Bharat	Shubham	Shubham	Shubham
G12	Jadhav Anuja Pravin	Anuja	Anuja	Anuja
	Pathak Aishwarya Sunil	Pathak	Pathak	Pathak
	Sase Pallavi Gorakshanath	Pallavi	Pallavi	Pallavi
G13	Khandagale Mahima	Khandagale	Khandagale	Khandagale
	Kale Vaishnavi	Kale	Kale	Kale
	Khalga Kanchan	Khalga	Khalga	Khalga
G14	Gaud Krutika	Gaud	Gaud	Gaud
G15				
G17				
G18				
G19				


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